NHDES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095

November 2023 Tri-Annual
Water Quality Monitoring Results
North Country Environmental Services, Inc. Landfill
581 Trudeau Road
Bethlehem, New Hampshire 03574

NHDES Site #: 198704033
Project Type: Water Quality Monitoring
Project Number: 1737

Sanborn, Head & Associates, Inc.

Digitally signed by: Sanborn, Head & Associates, Inc.
DN: CN = Sanborn, Head & Associates, Inc. email = fmark@sanbornhead.com C = AD
Date: 2023.12.21 12:30:04 -05'00'

Prepared For:
North Country Environmental Services, Inc. (NCES)
581 Trudeau Road, P.O. Box 9
Bethlehem, New Hampshire 03574-0009
Phone Number (603) 869-3366
RP Contact Name: Mr. Joe Gay
RP Contact Email: John.Gay@casella.com

Prepared By:
Sanborn, Head & Associates, Inc.
6 Bedford Farms Drive, Suite 201
Bedford, New Hampshire 03110
Phone Number: (603) 229-1900
Contact Name: Timothy M. White, P.G.
Contact Email: twhite@sanbornhead.com

Date of Report: December 21, 2023

Groundwater Monitoring Report Cover Sheet

Site Name: **North Country Environmental Services, Inc. (NCES) Landfill**

Town: **Bethlehem, NH**

Permit #: **GWP-198704033-B-008**

Type of Submittal (*Check all that apply*)

☐ Periodic Summary Report (*year*):

☒ Data Submittal (*month and year per Condition #7 of Permit*): **November 2023**

Check each box where the answer to any of the following questions is "YES"

Sampling Results

☐ During the most recent monitoring event, were any ***new*** compounds detected at any sampling point? **NO**
Well/Compound:

☐ Are there any detections of contamination in drinking water that is untreated prior to use? **NO**
Well/Compound:
☐ Do compounds detected exceed AGQS?

☐ Was free product detected for the ***first time*** in any monitoring point? **NO**
☐ Surface Water (*visible sheen*)
☐ Groundwater (*1/8" or greater thickness*)
Location/Thickness:

Contaminant Trends

☐ Do sampling results show an increasing concentration trend in any source area monitoring well? **Concentration trends are discussed in the text.**
Well/Compound:

☒ Do sampling results indicate an AGQS violation in any of the GMZ boundary wells?
AGQS exceedances at monitoring wells for November 2023 are indicated below and are discussed in the report text.
Well/Compound:
Arsenic: B-919M, MW-802, MW-803 [inside GMZ]
Manganese: B-103S, B-103D, B-304DR, MW-802, MW-803, B-919M [inside GMZ]; B-926U [outside GMZ]
PFOA: B-304UR, B-928U [inside GMZ]

Recommendations

☒ Does the report include any recommendations requiring DES action? (*Do not check this box if the only recommendation is to continue with existing permit conditions.*) **See text regarding proposed dissolved iron and manganese analyses in surface water seep/spring samples in April 2024.**

SANBORN HEAD

6 Bedford Farms, Suite 201
Bedford, NH 03110

Mr. James W. O'Rourke, P.G.
New Hampshire Department of Environmental Services
Waste Management Division
29 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03302-0095

December 21, 2023
File No. 2637.10

Re: November 2023 Water Quality Monitoring Results
Groundwater Management and Release Detection Permit GWP-198704033-B-008
North Country Environmental Services, Inc. (NCES) Landfill
Bethlehem, New Hampshire

Dear Mr. O'Rourke:

On behalf of NCES, Sanborn, Head & Associates, Inc. (Sanborn Head) performed groundwater and surface water quality sampling at the NCES Landfill (Site) on November 6 through 8, 2023. Sanborn Head collected groundwater and surface water samples from the locations required by the Site Groundwater Management and Release Detection Permit GWP-198704033-B-008 (the "Permit"), issued by New Hampshire Department of Environmental Services (NHDES) on September 18, 2023.

The Permit locations specified for the November 2023 sampling round included: 28 groundwater monitoring wells, two seeps/springs on the slope between the Site and the Ammonoosuc River, and water level measurements (only) at 13 groundwater monitoring wells, as summarized in Exhibit 1 (following page).

A Site Features Plan is provided as Figure 1. A Groundwater Elevation Contour Plan is provided as Figure 2. An evaluation of background groundwater exceedances is provided as Table 1. A summary of sitewide background conditions is included in Appendix A. A summary of historical monitoring data is included in Appendix B. Time series plots of groundwater analytical parameters are included in Appendix C. PFAS groundwater analytical results are provided as Appendix D. Field Sampling Summary forms are provided as Appendix E. Analytical Data Reports are included in Appendix F. Drought information is included in Appendix G. Potential Receptor Evaluation information is included in Appendix H.

Exhibit 1
Summary of Permit Monitoring Locations – November 2023

Groundwater Management Wells/Other					
100-Series	B-103S	B-103D			
900-Series	B-928U	B-928D			
Other	MW-604				
Release Detection Wells					
800-Series	MW-802	MW-803			
900-Series	B-915U	B-915M	B-915D*	B-916U	B-916M
	B-916D*	B-917U	B-909	B-917D*	B-918U
	B-918M	B-918D*	B-919U	B-919M	B-919D*
	B-923U*	B-924U	B-924L*	B-925U*	B-925L*
	B-926U	B-926L	B-927U	B-927M	B-927L*
	B-929U	B-929L*	B-930U	B-930L*	B-931U
	B-931L*				
Other	B-304UR	B-304DR	MW-701		

Notes:

1. Paired "couplet" monitoring well installations include a shallow or upper well (designated S or U) and a deeper or lower well (designated D or L). At triplet well cluster locations, monitoring wells were installed as upper, lower, and mid-level (designated M).
2. "*" indicates water level measurement only for the most recent November 2023 tri-annual monitoring; no sample was collected for field screening parameters or laboratory analysis.

Surface Water Sampling Locations
Springs/Seeps
S-1 (Main Seep)
SF-1 (surface flow down slope from S-1)

Field parameters pH, specific conductance, temperature, and turbidity (at the locations sampled for PFAS [B-304UR, B-304DR, MW-604, MW-701, B-918M, B-928U and B-928D]) were measured at the time of sample collection. Groundwater samples were placed into laboratory containers and transported to Eastern Analytical, Inc. (EAI) of Concord, New Hampshire in coolers with ice under standard chain-of-custody procedures.

SUMMARY OF BACKGROUND GROUNDWATER CONCENTRATION EXCEEDANCES

This section compares groundwater analytical results of the November 2023 sampling event to the identified background concentrations, consistent with Env-Or 702.03.

Background concentrations, including calculation methods, are described in Appendix A. Refer to Table A.1 for historical data used to identify background values. A summary of background groundwater exceedances is included as Table 1. Refer to Appendix B.2 for recent groundwater analytical data and applicable standards for groundwater.

Detected concentrations exceeding background values for the first time at a monitoring location in November 2023 are summarized in Exhibit 2. Other detected concentrations were either below background concentrations or have previously exceeded background concentrations in the period of record for a given location.

Exhibit 2
Summary of Initial Background Concentration Exceedances – November 2023

Location	Analyte	Concentration / Value	Previous Max/Min	November 2023 Site Background (refer to Table 1)	GW-1 (AGQS)	SMCL	# of sampling events for analyte
Background Wells							
No initial exceedances of background							
Release Detection Wells Outside the GMZ							
B-927M	Specific Conductance	135 µS/cm	167 µS/cm (July 2022)	125 µS/cm	NS	NS	18
	Comments: The November 2023 result for specific conductance (135 µS/cm) did not represent a new maximum at B-927M, rather we note that the Site Background concentration for specific conductance decreased from 160 µS/cm in July 2023 to 125 µS/cm in November 2023, resulting in an initial background exceedance at this location. Given the continued low-level residual CFC12 concentration and the general absence of other potential leachate indicators at this location, including more soluble analytes, the data are not consistent with a new release.						
Release Detection Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill							
No initial exceedances of background							
Groundwater Management Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill							
No initial exceedances of background							

Notes:
Specific conductance is presented in microSiemens per centimeter (µS/cm).
The number of sampling events for an analyte includes primary samples and re-samples collected inclusive of the current monitoring period, but does not include field duplicates, if collected.
Refer to Appendix A of the Annual 2023 monitoring report for a discussion of methods used to develop background concentrations.
"GW-1" Groundwater Standards are from the New Hampshire Department of Environmental Services (NHDES) Contaminated Sites Risk Characterization and Management Policy (RCMP) (January 1998, with 2000 through 2018 revisions/addenda). GW-1 Groundwater Standards are intended to be equivalent to the AGQSs promulgated in Env-Or 600 (June 2015 with October 2016, September 2018, September 2019, May 2020, January 2021, and July 2021 amendments). For analytes where GW-1 and AGQS values differ, the values presented in this table reflect the AGQSs in the latest Env-Or 600 update. The AGQS/GW-1 Groundwater Standards are intended to be protective of groundwater as a source of drinking water.
"SMCL" refers to the USEPA Secondary Maximum Contaminant Levels as presented in the National Primary Drinking Water Standards (May 2009). The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These analytes are not considered to present a risk to human health at the SMCL.

SUMMARY OF INITIAL DETECTS

There were no initial detections at a monitoring location in November 2023.

SUMMARY OF GROUNDWATER QUALITY EXCEEDANCES

Detected concentrations in groundwater in November 2023 which exceeded applicable standards are indicated on Table 1 and in Appendix B.2 and summarized in Exhibit 3 below. Concentrations were compared to the GW-1/AGQS; if no GW-1/AGQS is available for an analyte, then concentrations were compared to the USEPA SMCLs[1], if available.

Exhibit 3
Summary of Exceedances of AGQS or SMCL – November 2023

Analyte	AGQS (or SMCL if no AGQS)	Exceedance in November 2023		Initial Exceedance November 2023	
		Within GMZ	Outside GMZ	Within GMZ	Outside GMZ
AGQS Exceedance					
Manganese	0.30 mg/L	B-103S, B-103D, B-304DR, MW-802, MW-803, B-919M	B-926U	None	None
Arsenic	0.005 mg/L	B-919M, MW-802, MW-803	None	None	None
PFOA	12 ng/L	B-304UR, B-928U	None	None	None
SMCL Exceedance (analytes with no AGQS)					
pH[1]	6.5 to 8.5 s.u.	MW-802, MW-803, B-919U, B-928U, B-304DR	B-915M, B-916U, B-916M, B-918U, B-924U, B-926U, B-926L, B-927U, B-929U, MW-701	None	None
Iron	0.3 mg/L	B-103S, B-103D, MW-802, MW-803, B-919M	B-927M	None	None

Notes:
The SMCL for pH is a range from 6.5 to 8.5 s.u. Locations indicated as outside the SMCL range for pH indicated values below 6.5 s.u.
"Initial exceedance" indicates that November 2023 was the first time the AGQS or SMCL was exceeded in a sample collected from a given location in the respective period of record. Period of record varies by location.
mg/l = milligrams per liter
µg/l = micrograms per liter
ng/l = nanograms per liter

GROUNDWATER QUALITY TREND ASSESSMENT

This section provides a comparison to background values, an assessment of trends for analytes with first-time background exceedances, and an assessment of trends for analytes with exceedances of standards for November 2023 results. Refer to Tables 1, B.2, and D.1 for analytical data summaries. Time series plots are included in Appendix C.

[1] The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These analytes are not considered by USEPA to present a risk to human health at the SMCL.

Volatile Organic Compounds (VOCs)
Only two VOCs were detected in groundwater in November 2023:

- **1,4-Dioxane**: was detected at one location (B-304DR) at a concentration of 0.27 µg/l (0.28 µg/l in the duplicate). The concentration at B-304DR in November 2023 was less than the concentration recorded in July 2023 (0.51 µg/l) and the AGQS of 0.32 µg/l. This result is the lowest recorded at this location since November 2019 (the first sampling event following the summer 2019 earthwork), which ranged from 0.27 to 2.9 µg/l.

- **Dichlorodifluoromethane (DCDFM; Freon 12):** was detected at one location (B-927M) at a concentration of 8.9 µg/l, well below the AGQS (1,000 µg/l). The concentration at B-927M was within the range of historical results at this well, which have ranged from 7 to 21 µg/l since this well was first sampled in November 2017.

Inorganic Parameters
Note: As indicated in previous transmittals, several metals (principally iron, arsenic, and manganese) are naturally occurring in soil at the Site, and elevated concentrations of these metals have been detected in groundwater generally at locations downgradient of the former unlined landfill, which generally have reducing conditions. Therefore, locations within and adjacent to the GMZ are anticipated to typically exhibit higher metals concentrations in groundwater than other areas of the site. As discussed in previous reports, iron, manganese, and/or arsenic have shown variable, but in some cases overall increasing concentration trends for recent reporting periods at locations within the GMZ (e.g., manganese at B-304DR), which are inferred to be related to the persistent reducing conditions associated with the former unlined landfill. Manganese concentrations at MW-701 (outside the GMZ) have been variable in recent years but were above the GW-1/AGQS in several rounds in 2021 and 2022, as well as January, April and July 2023. Manganese concentrations have typically been above the current (November 2023) site background (0.046 mg/l) since the well was installed in 1997.

A summary of inorganic parameters is provided below.

Metals
- **Arsenic:** Exceedances of the arsenic site background concentration (0.00051 mg/l) in November 2023 were limited to three wells within the GMZ (MW-802, MW-803 and B-919M) at concentrations ranging from 0.02 mg/l (MW-802) to 0.07 mg/l (MW-803 duplicate; 0.067 mg/l in the primary). Arsenic concentrations at wells inside the GMZ in November 2023 were within the range of recent concentrations. Elevated arsenic concentrations inside the GMZ are consistent with reducing conditions associated with the former unlined landfill. Each of these background exceedances also represents an exceedance of the arsenic AGQS of 0.005 mg/l.

- **Manganese:** Exceedances of the manganese site background concentration (0.046 mg/l) in November 2023 were indicated at six locations inside the GMZ (MW-802, MW-803, B-919M, B-304DR, B-103S, and B-103D), and three locations outside the GMZ (B-926U, B-927M, and MW-701). Concentrations at the wells inside the GMZ ranged from 0.67 mg/l (B-

103D) to 9.2 mg/l (MW-803 in the duplicate; 8.1 mg/l in the primary). Concentrations at wells outside the GMZ ranged from 0.2 mg/l (B-927M) to 2.3 mg/l (B-926U). Manganese concentrations at these monitoring wells in November 2023 were within the range of recent concentrations. Each of these background exceedances also represented an exceedance of the manganese AGQS of 0.3 mg/l, except for B-927M and MW-701.

- **Iron:** Exceedances of the iron site background concentration (0.64 mg/l) were limited to five wells inside the GMZ (MW-802, MW-803, B-919M, B-103S and B-103D) and one well outside the GMZ (B-927M). Concentrations at the wells inside the GMZ ranged from 2.2 mg/l (B-103D) to 68 mg/l (MW-803 duplicate; 62 mg/l in the primary). The concentration at B-927M outside the GMZ was 2.5 mg/l. Iron concentrations at these monitoring wells in November 2023 were within the range of recent concentrations. Each of these background exceedances also represented an exceedance of the iron SMCL of 0.3 mg/l.

Bromide

The bromide background concentration inside the GMZ (0.4 mg/l) was not exceeded in November 2023. Exceedances of the bromide background concentration outside of the GMZ (0.1 mg/l) in November 2023 were limited to B-926U, at a concentration of 0.19 mg/l. Bromide concentrations at site monitoring wells in November 2023 were within the range of recent concentrations.

Chloride

As indicated on Table 1 and discussed in Appendix A.1, locations indicating exceedances of the chloride background concentration [1.8 mg/l] (and sometimes also specific conductance) are typically one of two categories, discussed below.

- Shallow locations near roadways or downgradient of roadways are inferred to be in part or in whole related to vehicle traffic and associated soil disturbance. Deeper intervals may also indicate elevated chloride concentrations within the GMZ (e.g., B-304DR). A list of locations is below:

Outside the GMZ	B-915U, B-916U, B-918U, B-926U, B-927U, MW-701,
Inside the GMZ	B-103S, B-103D, B-304UR, B-304DR, MW-802, MW-803, B-919U, B-919M, B-928U, B-928D

  Chloride concentrations at these locations in November 2023 ranged from 2.1 mg/l (B-916U) to 63 mg/l (B-927U) and were generally within the range of recent results.

- Periodically or consistently elevated chloride (and sometimes also specific conductance) are noted at intermediate and deep wells outside the GMZ, and generally northwest of the landfill. These intermediate and deep wells occasionally indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs presumed to be related to earthwork associated with previous phases of landfill development) and are inferred to be completed in groundwater intervals representative of longer flow paths/travel times. As

such, results from these monitoring wells are inferred to be representative of historical conditions which may no longer exist at the site.

- B-915M
- B-916M
- B-918M
- B-926L
- B-927M

Chloride concentrations at these locations in November 2023 ranged from 3.8 mg/l (B-927M) to 57 mg/l (B-915M) and were generally within the range of recent results.

Nitrate
One location inside the GMZ exceeded the nitrate background concentration (3.0 mg/l) in November 2023: B-304UR (3.1 mg/l).

Total Kjeldahl Nitrogen (TKN)
One location inside the GMZ exceeded the TKN background (0.92 mg/l) in November 2023: MW-803 (2.6 mg/l in the primary; 2.7 mg/l in the duplicate).

Sulfate
Sulfate was required by NHDES[2] to be analyzed in the MW-701 and B-918M samples. The sulfate results from MW-701 (18 mg/l) and B-918M (11 mg/l) in November 2023 were generally consistent with previous results and were well below the GW-1/AGQS (500 mg/l). Because analysis for sulfate has not been required in the Permit monitoring until the September 18, 2023 Permit, a background value has not been established for this parameter. As the period of record is developed for site wells, a background sulfate value will be established.

Chemical Oxygen Demand (COD)
The COD background concentration (15 mg/l) was exceeded at four locations in November 2023 monitoring, including B-926U (21 mg/l), B-927M (73 mg/l), MW-802 (22 mg/l) and MW-803 (99 mg/l in the primary; 96 mg/l in the duplicate). COD concentrations at these wells in November 2023 were generally within the range of recent results, with the exception of MW-803. Beginning in approximately 2016, COD concentrations at MW-803 have typically fluctuated but overall, concentrations have indicated a general increase over time. The concentration at MW-803 in November 2023 represents a period of record maximum at this location, an increase from the previous maximum of 78 mg/l recorded in April 2023.

Per- and Polyfluoroalkyl Substances (PFAS)
Samples for PFAS analysis were collected from seven Permit monitoring wells at the site in November 2023 including B-304UR, B-304DR, MW-604, MW-701, B-918M, B-928U, and B-928D; however, samples from three wells (B-304DR, MW-604, and B-928D) had elevated PFAS reporting limits in the USEPA Method 1633 analysis due to elevated turbidity in the samples.

[2] https://www4.des.state.nh.us/DocViewer/?ContentId=5130124

Those three wells were re-sampled for PFAS on December 15 for analysis with USEPA Method 537.1 and the results are pending from the laboratory. Results from B-304DR, MW-604, and B-928D will be reported in a supplemental transmittal in 2024. The PFAS results discussed below include B-304UR, MW-701, B-918M, and B-928U.

PFOA was detected at each of the four locations at concentrations ranging from 4.35 ng/l (MW-701) to 20.9 ng/l (B-304UR). PFOA concentrations exceeded the AGQS (12 ng/l) at B-304UR and B-928U (15.3 ng/l), both inside the GMZ. There were no PFAS AGQS exceedances at MW-701 or B-918M (both outside the GMZ).

PFOS was detected at MW-701 at 3.65 ng/l and B-918M at 2.10 ng/l, both below the AGQS of 15 ng/l and within the range of previous detected concentrations at those locations. PFHxS was also detected at B-918M at a concentration of 1.51 ng/l, below the AGQS of 18 ng/l. PFNA was not detected in November 2023 sampling.

One or more non-regulated PFAS analytes were detected at each of the four monitoring wells. Detections of non-regulated PFAS were limited to five analytes: PFBA, PFPeA, PFHxA, PFHpA, and PFBS.

SURFACE WATER QUALITY RESULTS

In November 2023, VOCs were not detected in surface water samples (Main Seep [S-1] and SF-1), and results for other analytes were within the range of values recorded in the last several years (refer to Table B.3 and Appendix C.2).

Results were compared to the New Hampshire surface water quality criteria[3] and the AGQS. Concentrations in November 2023 at Main Seep [S-1] and SF-1 were as follows:

- **Main Seep [S-1]:** The total iron concentration (0.25 mg/l) was below both the aquatic life chronic criteria (1 mg/l) and the human health water and fish criteria (0.3 mg/l). The total manganese concentration (0.085 mg/l) exceeded the human health water and fish criteria (0.05 mg/l), but was below the human health fish only criteria (0.1 mg/l).

- **SF-1:** The total iron concentration (7.2 mg/l) was above both the aquatic life chronic criteria (1 mg/l) and the human health water and fish criteria (0.3 mg/l). The total manganese concentration (0.59 mg/l) exceeded the human health water and fish criteria (0.05 mg/l), and the human health fish only criteria (0.1 mg/l). The result for manganese at SF-1 (0.59 mg/l) exceeded the AGQS (0.3 mg/l).

The total iron and total manganese concentrations at Main Seep S-1 and SF-1 were within the range of historical results with the following noted:

[3] New Hampshire surface water quality criteria are listed in Env-Wq 1700 and were developed for dissolved (filtered) metals. Consistent with Permit requirements, surface water data for the NCES site have historically been analyzed for total (unfiltered) metals. The comparisons of total metals results for surface water in this report are being made for reference purposes only pursuant to the requirement in NHDES' November 7, 2023 letter.

- The total iron concentration at SF-1 in November 2023 (7.2 mg/l) was lower than the concentration in July 2023 (8.8 mg/l), which was higher than results since July 2007.
- The total manganese concentration at SF-1 in November 2023 (0.59 mg/l) was lower than the concentration in July 2023 (0.85 mg/l), which was higher than results since July 2006.

EVALUATION OF PRECIPITATION CONDITIONS

Data from the U.S. Drought Monitor and USGS Ammonoosuc River gage were reviewed to provide context for the hydrologic conditions at the time of November 2023 sampling (refer to Appendix G).

For a three-week period (late May to mid-June 2023), approximately 5% of the county indicated abnormally dry conditions. Since this period, there have been no dry conditions noted in the county, including through November 2023 when the November triannual sampling round was conducted.

USGS Ammonoosuc River gage data indicated that average daily flows in the Ammonoosuc River at the time of sample collection in early November 2023 were generally at the mid-range of flows recorded in the previous five years. Prior to this, beginning in mid-July 2023 and continuing into mid-September 2023, flows were near the higher end of flows recorded in the last five years. After approximately mid-September 2023, flows decreased and were among the mid- to upper range of flows through mid-November.

POTENTIAL RECEPTOR EVALUATION

As required by Special Condition No. 16 of the Permit, Appendix H includes information regarding potential receptors within 1,000 feet of the NCES Landfill. A "potential receptor" is defined in Env-Or 602.21 as "a living organism or an environmental medium that is in the pathway of contamination from a discharge". As required by Special Condition No. 16 of the Permit and Env-OR 606.0-7(d), the Potential Receptor Map in Appendix H shows streets, properties, surface water, and water supply wells[4]. Property ownership information is tabulated in Appendix H. None of the potable water supply wells are located within 1,000 feet of the landfill. Based on the water quality record for the site, no receptor within 1,000 feet of the landfill is anticipated to be exposed to unacceptable risk from site operations.

RECOMMENDATIONS FOR DISSOLVED METALS ANALYSIS

NHDES' November 7, 2023 letter requires a proposal to include analysis of dissolved metals at surface water seep/spring locations. We propose to analyze for dissolved iron and manganese at Main Seep (S-1) and SF-1 in the April 2024 sampling event, in addition to the Permit-required total iron and manganese analyses at these locations.

CLOSING

We trust that this report satisfies NHDES' requirements for the tri-annual November 2023 data transmittal of water quality monitoring results under the Permit. As described herein, the

[4] Env-Or 606.07(d) defines sensitive subpopulations as "such as daycare centers, schools, playgrounds, parks, senior housing". No such features exist within 1,000 feet of the NCES Landfill.

overall results for the November 2023 monitoring round are generally consistent with the findings from recent tri-annual and supplemental monitoring rounds and the conceptual model of hydrogeologic conditions at the Site.

Monitoring results will continue to be tracked as indicated above, including background conditions as represented by the upgradient monitoring wells. Re-sampling results for PFAS in December 2023 at B-304DR, MW-604, and B-928D are pending with the laboratory and will be reported in a supplemental transmittal in 2024. Consistent with the Permit, the next tri-annual water quality sampling event is scheduled for April 2024.

Should you have questions regarding the information presented herein, or wish to discuss any of our findings and conclusions as presented in this report, please feel free to contact Tim White at Sanborn Head or Joe Gay at NCES.

Very truly yours,
SANBORN, HEAD & ASSOCIATES, INC.

Timothy M. White, P.G.
Vice President

Matthew E. Estabrooks, P.E.
Senior Project Manager

Gina A. Panik, EIT
Senior Project Engineer

GAP/MEE/TMW: gap/mee

TABLE

Table 1 Evaluation of Background Exceedances – Groundwater Samples – November 2023

FIGURE

Figure 1 Site Features Plan
Figure 2 Groundwater Elevation Contour Plan

APPENDICES

Appendix A – Background Groundwater Quality Information
- A.1 – Summary of Background Groundwater Quality Conditions
- A.2 – Site Background Groundwater Quality Time-Series Plots (select analytes)
- A.3 – Exploration Location Plan (with decommissioned locations)

Appendix B – Summary of Historical Monitoring Data
- B.1 – Groundwater Elevations
- B.2 – Groundwater Analytical Results

B.3 – Surface Water Analytical Results
Appendix C – Time Series Plots
C.1 – Groundwater Analytical Results (Field and Indicator Parameters, VOCs)
Background Wells
Release Detection Wells Outside the GMZ
Release Detection Wells Inside the GMZ
Groundwater Management Wells Inside the GMZ
C.2 – Surface Water Analytical Results
Appendix D – PFAS Groundwater Analytical Results
D.1 – Summary of PFAS Groundwater Analytical Results
D.2 – PFAS Plots
Appendix E – Sanborn Head Field Sampling Summary Forms
Appendix F – Analytical Laboratory Reports
Appendix G – Drought Information
Appendix H – Potential Receptor Evaluation
Table H-1 – Summary of Parcel Information
Figure H.1 - Potential Receptor Map

cc: w/Appendices: Mr. Joe Gay, NCES
Mr. Kevin Roy, NCES
Town of Bethlehem

\\conserv1\shdata\2600s\2637.10\Source Files\2023-11 GW\20231221_NCES_Nov_Mon_Rpt.docx

Table

TABLE 1
Evaluation of Background Exceedances – Groundwater Samples – November 2023
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	SU	uS/cm	C	mg/L								ug/L		ng/L								Inferred Context for Background Exceedance											Comments
																								1	2	3	4	5	6	7	8	9	10	11	
			pH	Specific Conductance	Temperature	Bromide	Chemical Oxygen Demand (COD)	Chloride	Nitrate	Total Kjeldahl Nitrogen (TKN)	Arsenic, Dissolved	Iron, Dissolved	Manganese, Dissolved	Dichlorodifluoromethane (CFC12)	Dioxane (1,4-)	Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluorohexanesulfonic acid (PFHxS) [6S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	pH below background downgradient of/adjacent to lined landfill; pH generally 5.6 to 6.4 s.u.	pH elevated due to grout used in monitoring well construction; grout may also result in elevated specific conductance.	Temperature above background inferred to be related to location of well downgradient of/adjacent to lined landfill area; or temperature below background (indicated with "<BG", typically during colder months).	Periodically or consistently elevated concentrations of metals (typically, but not limited to naturally-occurring arsenic, manganese, iron) consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions.	Periodically or consistently elevated chloride (and sometimes also specific conductance) primarily at shallow locations near or downgradient of roadways inferred to be in part or in whole related to road salting/vehicle traffic and associated soil disturbance. Deeper intervals may also indicate elevated chloride concentrations within the GMZ.	Periodically or consistently elevated chloride (and sometimes also specific conductance) at intermediate and deep wells outside the GMZ, and generally northwest of the landfill. These intermediate and deep wells sporadically indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs presumed to be related to earthwork associated with previous phases of landfill development), and are inferred to be completed in groundwater intervals representative of longer flow paths/travel times. As such, results from these monitoring wells are inferred to be representative of historical conditions which may no longer exist at the site.	Periodically or frequently detected COD consistent with residual water quality effects related to the former unlined landfill.	Periodically or frequently detected TKN consistent with residual water quality effects related to the former unlined landfill.	Shallow or intermediate well with sporadic nitrate detection; inferred to be related to hydroseeding, vegetation clearing, soil disturbance, or other site operations.	History of low-level PFAS inside the GMZ related to the presence of the former unlined landfill.	Low-level detections of extended metals list analytes (primarily barium and chromium) at locations adjacent to/downgradient of lined landfill areas; inferred to be related to naturally-occurring metals in soil with concentrations possibly increased by mineral weathering related to earthwork associated with previous phases of landfill development.	
GW-1 (AGQS)									10		0.005		0.3	1000	0.32					12		18	15												
SMCL			6.5-8.5					250				0.3	0.05																						
Background 2023-11			6.3-8.2	125	5.3-11.7	0.1, 0.4 §	15	1.8	3	0.92	0.00051	0.41	0.046	<2	<0.25	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0												
Background Wells																																			
B-923U	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-924U	11/7/2023	N	*6.46*	91	7.8	<0.1	<10	<1	<0.5	<0.5		<0.05	<0.005	<2	<0.25																				
B-924L	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-925U	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-925L	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-929U	11/7/2023	N	*6.21*	84	7.4	<0.1	<10	1.4	3	<0.5		<0.05	<0.005	<2	<0.25																				
B-929L	11/7/2023	N	Sampling not required as part of permit monitoring																																
Release Detection Wells Outside the GMZ																																			
B-915D	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-916U	11/8/2023	N	*6.34*	65	7.4	<0.1	<10	2.1	<0.5	<0.5		<0.05	<0.005	<2	<0.25												✓								
B-916M	11/8/2023	N	*6.2*	277	7.5	<0.1	<10	51	0.55	<0.5		<0.05	<0.005	<2	<0.25									✓				✓							
B-916D	11/8/2023	N	Sampling not required as part of permit monitoring																																
B-917U	11/8/2023	N	7.12	46	6.3	<0.1	<10	<1	<0.5	<0.5		<0.05	<0.005	<2	<0.25																				
B-909	11/8/2023	N	6.9	86	7.5	<0.1	<10	<1	<0.5	<0.5		0.097	<0.005	<2	<0.25																				
B-917D	11/8/2023	N	Sampling not required as part of permit monitoring																																
B-918U	11/6/2023	N	*6.06*	260	9.4	<0.1	<10	31	2.2	<0.5		<0.05	<0.005	<2	<0.25									✓			✓								
B-918D	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-926U	11/6/2023	N	*6.15*	250	8.7	0.19	21	4.3	<0.5	<0.5		<0.05	***2.3***	<2	<0.25									✓			✓	✓		✓					
B-926L	11/6/2023	N	*6.3*	236	7.9	<0.1	<10	38	<0.5	<0.5		<0.05	<0.005	<2	<0.25														✓						
B-927U	11/6/2023	N	*6.16*	406	10.9	<0.1	<10	63	1.1	<0.5		<0.05	<0.005	<2	<0.25									✓			✓								
B-927L	11/6/2023	N	Sampling not required as part of permit monitoring																																
B-930U	11/7/2023	N	7.14	99	8.4	<0.1	<10	<1	<0.5	<0.5		<0.05	0.0067	<2	<0.25																				
B-930L	11/7/2023	N	Sampling not required as part of permit monitoring																																
B-931U	11/7/2023	N	6.95	84	9.2	<0.1	<10	1.7	<0.5	<0.5	<0.0005	<0.05	<0.005	<2	<0.25																				
B-931L	11/7/2023	N	Sampling not required as part of permit monitoring																																
B-927M **:** *Well with a history of low-level DCDFM detections located proximate to the GMZ; previous results are consistent with residual impacts from the former unlined landfill/landfill infrastructure and historical results from decommissioned predecessor well B-921M.*																																			
B-927M	11/6/2023	N	6.93	135	16.6	<0.1	73	3.8	<0.5	<0.5		*2.5*	*0.2*	8.9	<0.25											✓	✓		✓	✓						Refer to Nov. 2023 report for discussion of specific conductance.
B-918M: *Well located outside the GMZ north of the Stage I Landfill with a history of low-level PFAS and 1,4-dioxane detections. Results are consistent with residual impacts from the August 2006 leachate forcemain break, subsequently addressed as part of the Stage I Phase I Landfill Capping System Repair Project, completed in September 2009.*																																			
B-918M	11/6/2023	N	6.72	167	9.7	<0.1	<10	14	0.98	<0.5		<0.05	0.0059	<2	<0.25	<6.31	<3.15	3.38	2.49	6.06	<1.4	1.51	2.1						✓						Refer to Nov. 2023 report for discussion of PFAS.
MW-701/B-915U/B-915M: *Well located outside the GMZ proximate to the Stage I Landfill with a history of low-level PFAS detections related to historical leachate infrastructure operations corrected as part of the Leachate Management Improvement Project (LMIP), completed in May 2009. Stage I leachate infrastructure was later re-constructed as part of Stage V construction 2014-15.*																																			
MW-701	11/6/2023	N	*6.46*	202	9.5	<0.1	<10	8.1	1.7	<0.5		<0.05	*0.22*	<2	<0.25	6.99	9.14	11.7	2.19	4.35	4.29	<1.47	3.65				✓	✓							Refer to Nov. 2023 report for discussion of PFAS.
B-915U	11/6/2023	N	6.7	131	9.2	<0.1	<10	5	<0.5	<0.5		<0.05	<0.005	<2	<0.25												✓								
B-915M	11/6/2023	N	*6.31*	319	7.9	<0.1	<10	57	0.57	<0.5		<0.05	<0.005	<2	<0.25														✓						
Release Detection Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill																																			
B-919D	11/6/2023	N	Sampling not required as part of permit monitoring																																
MW-801/MW-802/MW-803/B-919U/B-919M: *Well located in the GMZ downgradient of the former unlined landfill with a history of sporadic low-level VOC detections. Low-level PFAS has also been detected at one or more locations. Results are consistent with residual impacts from the former unlined landfill.*																																			
MW-802	11/7/2023	N	*6.3*	347	16.5	0.13	22	27	<0.5	<0.5	**0.02**	*15*	***2.5***	<2	<0.25											✓	✓	✓		✓					
MW-803	11/7/2023	N	*6.38*	472	17.2	0.17	96	12	<0.5	2.6	**0.067**	*62*	***8.1***	<2	<0.25											✓	✓	✓		✓	✓				
MW-803	11/7/2023	FD				0.17	99	12	<0.5	2.7	**0.07**	*68*	***9.2***	<2	<0.25												✓	✓		✓	✓					
B-919U	11/6/2023	N	*6.22*	103	9.9	<0.1	<10	3.2	0.51	<0.5	<0.0005	<0.05	<0.005	<2	<0.25									✓				✓							
B-919M	11/6/2023	N	6.8	139	15.1	<0.1	<10	2.7	<0.5	<0.5	**0.043**	*7*	***3.1***	<2	<0.25											✓	✓	✓							

TABLE 1
Evaluation of Background Exceedances – Groundwater Samples – November 2023
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	SU	uS/cm	C	mg/L								ug/L		ng/L								Inferred Context for Background Exceedance											Comments
																								1	2	3	4	5	6	7	8	9	10	11	
			pH	Specific Conductance	Temperature	Bromide	Chemical Oxygen Demand (COD)	Chloride	Nitrate	Total Kjeldahl Nitrogen (TKN)	Arsenic, Dissolved	Iron, Dissolved	Manganese, Dissolved	Dichlorodifluoromethane (CFC12)	Dioxane (1,4-)	Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluorohexanesulfonic acid (PFHxS) [6S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	pH below background downgradient of/adjacent to lined landfill; pH generally 5.6 to 6.4 s.u.	pH elevated due to grout used in monitoring well construction; grout may also result in elevated specific conductance.	Temperature above background inferred to be related to location of well downgradient of/adjacent to lined landfill area; or temperature below background (indicated with "<BG", typically during colder months).	Periodically or consistently elevated concentrations of metals (typically, but not limited to naturally-occurring arsenic, manganese, iron) consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions.	Periodically or consistently elevated chloride (and sometimes also specific conductance) primarily at shallow locations near or downgradient of roadways inferred to be in part or in whole related to road salting/vehicle traffic and associated soil disturbance. Deeper intervals may also indicate elevated chloride concentrations within the GMZ.	Periodically or consistently elevated chloride (and sometimes also specific conductance) at intermediate and deep wells outside the GMZ, and generally northwest of the landfill. These intermediate and deep wells sporadically indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs presumed to be related to earthwork associated with previous phases of landfill development), and are inferred to be completed in groundwater intervals representative of longer flow paths/travel times. As such, results from these monitoring wells are inferred to be representative of historical conditions which may no longer exist at the site.	Periodically or frequently detected COD consistent with residual water quality effects related to the former unlined landfill.	Periodically or frequently detected TKN consistent with residual water quality effects related to the former unlined landfill.	Shallow or intermediate well with sporadic nitrate detection; inferred to be related to hydroseeding, vegetation clearing, soil disturbance, or other site operations.	History of low-level PFAS inside the GMZ related to the presence of the former unlined landfill.	Low-level detections of extended metals list analytes (primarily barium and chromium) at locations adjacent to/downgradient of lined landfill areas; inferred to be related to naturally-occurring metals in soil with concentrations possibly increased by mineral weathering related to earthwork associated with previous phases of landfill development.	
GW-1 (AGQS)									10		0.005		0.3	1000	0.32					12		18	15												
SMCL			6.5-8.5					250				0.3	0.05																						
Background 2023-11			6.3-8.2	125	5.3-11.7	0.1, 0.4 §	15	1.8	3	0.92	0.00051	0.41	0.046	<2	<0.25	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0												
B-928U	11/6/2023	N	*6.43*	157	9.5	<0.1	<10	9.7	0.82	<0.5		<0.05	<0.005	<2	<0.25	7.84	8.95	11.5	7.18	**15.3**	7.84	<1.51	<1.54					✓					✓			Refer to Nov. 2023 report for discussion of PFAS.
B-928D	11/6/2023	N	6.58	206	9.6	<0.1	<10	14	1	<0.5		<0.05	<0.005	<2	<0.25	<2130	<1070	<533	<533	<667	<473	<487	<497					✓								Refer to Nov. 2023 report for discussion of PFAS.
B-304UR/B-304DR: Wells located in the GMZ downgradient of the former unlined landfill with a history of periodic low-level 1,4-dioxane detections and periodic elevated (above GMZ background) bromide and chloride detections; Results are consistent with residual water quality effects related to the former unlined landfill and earthwork that was performed upgradient of these wells in summer 2019 to remove old, of these wells in summer 2019 to remove old, unused landfill infrastructure.																																			
B-304UR	11/6/2023	N	6.79	346	10.6	<0.1	<10	24	3.1	<0.5		<0.05	<0.005	<2	<0.25	38.8	36.5	62	18.9	**20.9**	42.2	<2.61	<2.66					✓				✓	✓			Refer to Nov. 2023 report for discussion of PFAS.
B-304DR	11/6/2023	N	*6.44*	302	13.7	<0.1	<10	30	0.7	<0.5		<0.05	***1.7***	<2	0.27	<640	<320	<160	<160	<200	<142	<146	<149			✓	✓	✓							Refer to Nov. 2023 report for discussion of PFAS.
B-304DR	11/6/2023	FD				<0.1	<10	30	0.61	<0.5		<0.05	***1.8***	<2	0.28												✓	✓								
Groundwater Management Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill																																			
B-103S	11/8/2023	N	7.71	155	10.1	<0.1	<10	6.4	<0.5	<0.5		*10*	***2.6***	<2	<0.25												✓	✓								
B-103D	11/8/2023	N	7.22	96	10.5	<0.1	<10	2.2	<0.5	<0.5		*2.2*	***0.67***	<2	<0.25												✓	✓								
MW-604	11/6/2023	N	6.92	236	12.3											<88.9	<44.4	<22.2	<22.2	<27.8	<19.7	<20.3	<20.7			✓		✓							Refer to Nov. 2023 report for discussion of PFAS.

Notes:
1. Samples were collected by Sanborn Head on the dates indicated. Samples were analyzed by Eastern Analytical, Inc. (EAI) of Concord, New Hampshire.
Field duplicate samples are indicated by "FD" in the Sample Type column.

2. Only detected analytes which exceed background in one or more sample in the current rounds are presented herein. Blank cells for an analyte indicate not analyzed. Refer to the analytical laboratory reports for the complete list of parameters analyzed. Results are compared to their respective background values from time of sampling.

3. pH is presented in standard units (s.u.), specific conductance is presented in microSiemens per centimeter (µS/cm), and temperature is presented in degrees Celsius (C). Indicator parameter and metals results are presented in milligrams per liter (mg/L) which is equivalent to parts per million. Volatile organic compound (VOC) and Semi-volatile organic compound (SVOC) results are presented in micrograms per liter (µg/L) which is equivalent to parts per billion (ppb). PFAS results are presented in nanograms per liter (ng/L) which is equivalent to parts per trillion (ppt).

4. "§" indicates background value for bromide is 0.4 mg/L for wells within the groundwater management zone (GMZ) established for the site, and 0.1 mg/L for wells outside the GMZ.
"<" indicates the analyte was not detected above the listed laboratory reporting limit.
Blank cells indicate the sample was not analyzed for that analyte.
[3] = number of carbons in the alkyl chain for perfluorinated carboxylic acids (PFCAs). The carbon included in the carboxylic functional group is non-fluorinated and the remaining carbons (i.e., alkyl chain) are fluorinated.
[4S] = number of carbons in the alkyl chain for perfluorinated sulfonic acids (PFSAs). All of the carbons are fluorinated.

5. "GW-1" Groundwater Standards are from the New Hampshire Department of Environmental Services (NHDES) Contaminated Sites Risk Characterization and Management Policy (RCMP) (January 1998, with 2000 through 2018 revisions/addenda). GW-1 Groundwater Standards are intended to be equivalent to the AGQSs promulgated in Env-Or 600 (June 2015 with October 2016, September 2018, September 2019, May 2020, January 2021, and July 2021 amendments). For analytes where GW-1 and AGQS values differ, the values presented in this table reflect the AGQSs in the latest Env-Or 600 update. The AGQS/GW-1 Groundwater Standards are intended to be protective of groundwater as a source of drinking water.

"SMCL" refers to the USEPA Secondary Maximum Contaminant Levels as presented in the National Primary Drinking Water Standards (May 2009). The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These analytes are not considered to present a risk to human health at the SMCL.

6. Bold values exceed the GW-1/AGQS.
Italic values exceed the SMCL.
Green shading indicates a concentration exceeds current background.
Yellow shading indicates a concentration exceeds current background for the first time.

7. Refer to the report text and the text of Appendix A for further information about calculation and selection of background concentrations.

Figures

File:P:\2600s\2637.10\Graphics Files\CAD\GW Mon Rpt Nov 2023\GW_Mon_Rpt_Figs Nov23wSurvey.dwg Plot Date: 12-19-23

©2023 SANBORN, HEAD & ASSOCIATES, INC.

NOTES:

1. THE AERIAL IMAGERY WAS OBTAINED FROM A JUNE 2023 PHOTOGRAPH PROVIDED BY CMA ENGINEERS, INC.

2. TOPOGRAPHY INSIDE THE ACTIVE AREA WAS OBTAINED FROM AN JUNE 2023 SURVEY. OUTSIDE THE ACTIVE AREA, TOPOGRAPHY WAS OBTAINED FROM SURVEYS PERFORMED IN OCTOBER 2018 AND MAY 2021.

3. THE LIMITS OF THE GMZ ARE BASED ON AN OCTOBER 2017 PLAN PREPARED BY HORIZONS ENGINEERING, INC. ENTITLED "GROUND WATER MANAGEMENT ZONE PLAN FOR LANDS OF NORTH COUNTRY ENVIRONMENTAL SERVICES, INC. AND FOREST ACQUISITIONS, INC."

LEGEND:

- FACILITY MONITORING WELL
- SURFACE WATER SAMPLING LOCATION
- U/S — INDICATES UPPER/SHALLOW WELL
- M — INDICATES SCREEN AT MIDDLE INTERVAL BETWEEN UPPER AND LOWER SCREENS
- D/L — INDICATES DEEP/LOWER WELL
- R — INDICATES REPLACEMENT WELL
- RIP-RAP STONE
- LIMIT OF WETLAND DELINEATION
- GROUNDWATER MANAGEMENT ZONE
- TOWN OF BETHLEHEM ZONING LINE
- PROPERTY LINE

AR-3
TIE COURSE - S 70°48'29" E 844.45'
AMMONOOSUC RIVER
AR-2
AR-1
SF-1
S-109
S-108
S-101
S-1 (MAIN SEEP)
MUCHMORE ROAD
B-928U
B-928D
OUTFALL 2
B-304UR
B-304DR
MW-604
LAUREL LANE
LIMIT OF WETLANDS DELINEATED BY B.H. KEITH ASSOCIATES IN APRIL 1999
STORMWATER POND 4
B-919M
B-919U
B-919D
B-927M
B-927U
B-927L
B-909
B-917D
B-917U
OUTFALL 1
B-918D
B-918U
B-918M
MW-803
MW-802
B-916M
B-916U
B-916D
TOWN DISTRICT II / TOWN DISTRICT V
STAGE IV
PHASE I
B-103S
B-103D
STORMWATER POND 5
B-915M
B-915U
B-915D
STAGE V
PHASE I
PHASE II
PHASE II
B-931L
B-931U
B-926L
B-926U
STORMWWATER POND 6
STAGE II
PHASE I
MW-701
APPROXIMATE EXTENT OF FORMER UNLINED LANDFILL
B-930U
B-930L
STAGE I
PHASE I
STAGE III
PHASE III
PHASE II
STAGE IV
PHASE II
PHASE IV
B-929U
B-929L
STAGE VI
B-925U
B-925L
B-924U
B-924L
B-923U

SANBORN HEAD

GRAPHICAL SCALE
100' 50' 0 100' 200'

DRAWN BY:	E. WRIGHT
DESIGNED BY:	G. PANIK
REVIEWED BY:	T. WHITE
PROJECT MGR:	M. ESTABROOKS
PIC:	T. WHITE
DATE:	DECEMBER 2023

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
BETHLEHEM, NEW HAMPSHIRE

SITE FEATURES PLAN

PROJECT NUMBER: 2637.10

FIGURE NUMBER: 1

File:P:\2600s\2637.10\Graphics Files\CAD\GW Mon Rpt Nov 2023\GW_Mon_Rpt_Figs Nov23wSurvey.dwg Plot Date: 12-19-23

©2023 SANBORN, HEAD & ASSOCIATES, INC.

NOTES:

1. THE GROUNDWATER ELEVATION CONTOURS SHOWN ARE BASED ON GROUNDWATER LEVELS MEASURED BY SANBORN HEAD PERSONNEL IN WELLS SCREENED ACROSS/NEAR TO THE WATER TABLE ON APRIL 18-19, 2023. VARIATIONS IN GROUNDWATER ELEVATIONS ARE EXPECTED TO OCCUR DUE TO CHANGES IN PRECIPITATION, TEMPERATURE, AND OTHER FACTORS NOT EVIDENT AT THE TIME WATER LEVEL MEASUREMENTS WERE OBTAINED.

2. THE GROUNDWATER ELEVATION CONTOURS WERE DEVELOPED USING GENERALLY-ACCEPTED HYDROGEOLOGIC PRACTICES, AND ARE INTENDED TO DEPICT INFERRED TRENDS IN GROUNDWATER LEVELS CONSISTENT WITH THE AVAILABLE INFORMATION. ACTUAL CONDITIONS MAY VARY FROM THOSE SHOWN AND OTHER INTERPRETATIONS ARE POSSIBLE.

3. ITALICIZED SURFACE WATER ELEVATIONS REPRESENT APPROXIMATE VALUES BASED ON SURVEY MEASUREMENTS IN DECEMBER 2023.

4. REFER TO FIGURE NO. 1 FOR ADDITIONAL NOTES.

LEGEND:

- GROUNDWATER MANAGEMENT ZONE
- 1304.3 — GROUNDWATER ELEVATION RECORDED AT WELL LOCATION IN NOVEMBER 2023
- *1231.1* — APPROXIMATE SURFACE WATER ELEVATION
- 1305 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE LESS CONSTRAINED)

AR-3 1193.9
TIE COURSE S 70°48'29" E 844.45'
AMMONOOSUC RIVER
S-109 1231.1
S-108 1245.1
AR-2 1199.2
AR-1 1200.0
SF-1 1204.4
MUCHMORE ROAD
S-101 1274.6
S-1 (MAIN SEEP) 1284.9
B-928U 1288.6
B-928D
OUTFALL 2
1290
B-304UR 1290.5
B-304DR
1295
MW-604 1279.4
LAUREL LANE
1280
1285
1300
LIMIT OF WETLANDS DELINEATED BY B.H. KEITH ASSOCIATES IN APRIL 1999
STORMWATER POND 4
B-919M
B-919U 1304.3
B-919D
B-927M
B-927U 1300.9
B-927L
1293.0 B-909
B-917D 1294.6
B-917U
OUTFALL 1
1295
1290
1300
1305
1310
B-916M
B-916U 1310.8
B-916D
B-918D
B-918U 1304.1
B-918M
MW-803 1304.1
MW-802 1303.9
TOWN DISTRICT II
TOWN DISTRICT V
STAGE IV
PHASE I
B-103S 1304.3
B-103D
STORMWATER POND 5
B-915M
B-915U 1314.6
B-915D
STAGE V
PHASE I
PHASE II
PHASE II
B-931L
B-931U 1306.2
1305
B-926L
B-926U 1307.4
STORMWWATER POND 6
STAGE II
PHASE I
1310
1315
1320
APPROXIMATE EXTENT OF FORMER UNLINED LANDFILL
MW-701 1317.7
1325
1330
1335
B-930U 1336.5
B-930L
STAGE I
PHASE I
STAGE III
PHASE III
PHASE II
STAGE IV
PHASE II
PHASE IV
B-929U 1335.7
B-929L
STAGE VI
1335
B-925U 1337.2
B-925L
B-924U 1332.0
B-924L
1319.2
B-923U

SANBORN HEAD

GRAPHICAL SCALE
100' 50' 0 100' 200'

DRAWN BY:	E. WRIGHT
DESIGNED BY:	G. PANIK
REVIEWED BY:	T. WHITE
PROJECT MGR:	M. ESTABROOKS
PIC:	T. WHITE
DATE:	DECEMBER 2023

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
BETHLEHEM, NEW HAMPSHIRE

PROJECT NUMBER: 2637.10

GROUNDWATER ELEVATION CONTOUR PLAN (NOVEMBER 2023)

FIGURE NUMBER: 2

Appendix A

Background Groundwater Quality Information

Appendix A.1

Summary of Background Groundwater Quality Conditions

APPENDIX A.1
SUMMARY OF BACKGROUND GROUNDWATER CONDITIONS

On behalf of North Country Environmental Services, Inc. (NCES), Sanborn, Head & Associates, Inc. (Sanborn Head) prepared an assessment of site background groundwater conditions at the NCES Landfill (Site) in Bethlehem, New Hampshire pursuant to the Site Groundwater Management and Release Detection Permit GWP-198704033-B-008 (the Permit) issued by NHDES on September 18, 2023, and the requirements of Env-Or 700.

Development of Sitewide Background Concentrations

To identify sitewide "background" groundwater conditions consistent with Env-Or 702.03, groundwater quality results from the following monitoring wells located upgradient of the landfill were reviewed:

Active Monitoring Wells
B-923U
B-924U
B-924L
B-925U
B-925L
B-929U
B-929L

As indicated on Table A.1, the period of record used for calculating background groundwater quality for this report is the past approximately five years (e.g., data collected since November 1, 2018). A period of approximately five years was selected as the timeframe for background conditions to include a broad data set of wells with varying periods of record, while also considering a relatively recent interval of time. Refer to Tables A.1 and B.2 for recent analytical data, and applicable standards for groundwater.

It is important to note that the wells selected for identification of sitewide background concentrations are located upgradient of both the lined landfill and former unlined landfill, and are intended to provide water quality information for areas unaffected by site operations. The presence of the former unlined landfill, within the GMZ, represents a residual "legacy" impact relative to redox conditions and groundwater quality. Therefore, comparison of wells within the GMZ to upgradient background conditions should be made for reference purposes only, as exceedance of upgradient background groundwater quality within the GMZ is not considered by itself to be evidence of a "release" from the lined landfill pursuant to the Env-Or 700 regulations. We also note that the presence of residual VOCs and PFAS analytes at several site monitoring wells outside the GMZ are inferred to be related to historical landfill infrastructure (e.g., leachate collection infrastructure) that has been addressed through a series of corrective actions. Refer to the February 2009 Corrective Action Plan for additional information on historical corrective actions.

Using data from upgradient monitoring wells B-923U, B-924U, B-924L, B-925U, B-925L, B-929U, and B-929L discussed above, the sitewide background concentrations were identified using four categories:

Category	Analytes
Maximum concentration in last 5 years of sampling	• Metals • Nitrate • TKN • Chloride • COD • Specific conductance
Fixed value	Bromide: • ≤0.1 mg/l for monitoring wells outside boundaries of GMZ, based on site historical information; • ≤0.4 mg/l for monitoring wells within boundaries of GMZ; based on data from 1996 and earlier.
Typical laboratory reporting limit (varies by analyte)	Analytes not typically detected in site background wells (based on typical laboratory reporting limits): • VOCs • PFAS
Typical period-of-record ranges	• pH • temperature Note: pH and temperature have natural variability, and therefore the 5th and 95th percentiles were used to bound typical ranges for these values.

Sitewide background values will be evaluated and changes recommended where appropriate for future monitoring events as new data are added and data greater than approximately five years old are removed from the background data set. Refer to Appendix A.2 for time series plots of field parameter values and chloride concentrations at sitewide background monitoring wells.

Updates to Background Values – November 2023 Reporting Period

Sitewide background values for the November 2023 reporting period included updates for the following analytes:

- **pH:** The background range changed from 6.4 to 9.0 s.u. in July 2023 to 6.3 to 8.2 s.u. in November 2023.
- **Specific Conductance:** The background value changed from 160 µS/cm in July 2023 to 125 µS/cm in November 2023.
- **Temperature**: The background range changed from 5.4 to 12.9°C in July 2023 to 5.3 to 11.7°C in November 2023.
- **Nitrate**: The background value changed from 2.6 mg/L in July 2023 to 3 mg/L in November 2023.

- **Manganese**: The background value changed from 0.067 mg/L in July 2023 to 0.046 mg/L in November 2023.

Background Values and Groundwater Standards

As indicated in Table A.1, sitewide background concentrations are generally within range of applicable AGQS where available or USEPA SMCL if no AGQS is available, with the following exceptions:

- Background pH ranges from 6.3 to 8.2 s.u.; for reference, the USEPA SMCL ranges from 6.5 to 8.5 s.u., and;
- Background iron concentration is 0.41 milligrams per liter (mg/l); however, the USEPA SMCL for iron is 0.3 mg/l. There is no AGQS for iron.

The pH and iron values/concentrations at the site background monitoring wells are within expected ranges for groundwater in northern New Hampshire.

Inferred Context for Sitewide Background Groundwater Concentration Exceedances

Given the NCES Landfill has a long history of site operation, including the former unlined landfill which resulted in residual impacts to groundwater quality, comparison of water quality results from historically impacted locations to a single background value from generally upgradient locations is not necessarily a representative comparison for the purposes of release detection (as specified by the Env-Or 700 rules). For example, the generally reducing conditions in groundwater within the GMZ have resulted in a long period of record at multiple locations indicating elevated concentrations of naturally-occurring metals (typically iron, arsenic, and manganese). In this case, the presence of elevated metals alone does not indicate a release from the facility, but rather residual effects from historical conditions.

Therefore, to evaluate the context for exceedances of site groundwater background concentrations, we developed the following categories which describe generally similar groundwater quality conditions, based on a number of factors including: well depth, geologic conditions, well location on-site, current and historical site operations, and results from nearby wells. These categories are summarized below and are indicated on Table 1. Consistent with the on-going evaluation of background conditions, these categories will be evaluated/refined as appropriate based on new data collected at the site.

Summary of Context for Sitewide Background Groundwater Quality Exceedances

Category/ Location	Description
General Conditions	
1	**pH** below site background downgradient of/adjacent to lined landfill; pH generally 5.6 to 6.4 s.u.
2	**pH** elevated due to grout used in monitoring well construction; grout may also result in elevated specific conductance.
3	**Temperature** above site background inferred to be related to location of well downgradient of/adjacent to lined landfill area; or temperature below background, typically recorded during colder months).

Category/ Location	**Description**
4	Periodically or consistently elevated concentrations of **metals** (typically, but not limited to naturally-occurring **arsenic, manganese, iron**) consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions.
5	Periodically or consistently elevated **chloride** (and sometimes also **specific conductance**) primarily at shallow locations near or downgradient of roadways inferred to be in part or in whole related to road salting/vehicle traffic and associated soil disturbance. Deeper intervals may also indicate elevated chloride concentrations within the GMZ.
6	Periodically or consistently elevated **chloride** (and sometimes also **specific conductance**) at intermediate and deep wells outside the GMZ, and generally northwest of the landfill. These intermediate and deep wells sporadically indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs presumed to be related to earthwork associated with previous phases of landfill development), and are inferred to be completed in groundwater intervals representative of longer flow paths/travel times. As such, results from these monitoring wells are inferred to be representative of historical conditions which may no longer exist at the site.
7	Periodically or frequently detected **COD** consistent with residual water quality effects related to the former unlined landfill.
8	Periodically or frequently detected **TKN** consistent with residual water quality effects related to the former unlined landfill.
9	Shallow or intermediate well with sporadic **nitrate** detection; inferred to be related to hydroseeding, vegetation clearing, soil disturbance, or other site operations.
10	Low-level **PFAS** inside the GMZ related to the presence of the former unlined landfill.
11	Low-level detections of extended **metals** list analytes (primarily **barium** and **chromium**) at locations adjacent to/downgradient of lined landfill areas; inferred to be related to naturally-occurring metals in soil with concentrations possibly increased by mineral weathering related to earthwork associated with previous phases of landfill development.
Area-specific conditions	
B-927M	Well with a history of low-level **DCDFM** detections located proximate to the GMZ; previous results are consistent with residual impacts from the former unlined landfill and historical results from decommissioned predecessor well B-921M.
B-918M	Well located outside the GMZ north of the Stage I Landfill with a history of low-level **PFAS** and **1,4-dioxane** detections. Results are consistent with residual impacts from the August 2006 leachate forcemain break, subsequently addressed as part of the Stage I Phase I Landfill Capping System Repair Project, completed in September 2009. Note: 1,4-dioxane was historically detected in former monitoring well B-913M (decommissioned) located generally upgradient of B-918M.
MW-701 B-915U B-915M	Well located outside the GMZ proximate to the Stage I Landfill with a history of low-level **PFAS** detections related to historical leachate infrastructure operations corrected as part of the Leachate Management Improvement Project (LMIP), completed in May 2009. Stage I leachate infrastructure was later re-constructed as part of Stage V construction 2014-2015.
MW-802 MW-803 B-919U B-919M	Well located in the GMZ downgradient of the former unlined landfill with a history of sporadic low-level **VOC** detections. Low-level **PFAS** has also been detected at one or more locations. Results are consistent with residual impacts from the former unlined landfill.
B-304UR / B-304DR	Wells located in the GMZ downgradient of the former unlined landfill with a history of periodic low-level **1,4-dioxane** detections and periodic elevated (above GMZ background) **bromide and chloride** detections; Results are consistent with residual water quality effects related to the former unlined landfill and earthwork that was performed upgradient of these wells in summer 2019 to remove old, unused landfill infrastructure.

Comparison to Background

Comparison to sitewide background conditions as described herein is a conservative approach to screen for the potential of a release from the lined facility. For example, the generally reducing conditions in groundwater within the GMZ has resulted in a long period of record at multiple locations indicating elevated concentrations of naturally-occurring metals (typically iron, arsenic, and manganese). In this case, the detection of elevated metals alone at groundwater monitoring wells in or near the GMZ does not indicate a release from the facility, but rather residual effects from historical conditions. Similarly, groundwater conditions are anticipated to vary naturally over time and along flow paths, which may lead to differences between upgradient and downgradient groundwater concentrations/ conditions.

Because comparison to sitewide background values should not be used as a strict evaluation of a release from the lined facility, data evaluation for the site includes the following:

- Presentation of the historical groundwater and surface water quality data in graphical format (refer to trend plots in Appendices C.1 and C.2). These trend plots indicate concentrations or values over time and will be used to supplement the data summary tables to aid in identifying if analytes have “well-specific” concentrations, or ranges of concentrations, that if exceeded may indicate a release.
- Criteria that may be used to aid identification of potential releases from the lined facility (summarized in the table below). Based on our understanding of site hydrogeology and contaminant behavior in the subsurface, we believe that a release from the lined facility could be identified using multiple lines of evidence. Specifically, a hypothetical release from the lined facility could be identified based on one or more of the conditions indicated in the table below.

Summary of Criteria Used for Identifying Potential Releases from the Lined Landfill

Anticipated Release Condition		Rationale
1	Repeatable or persistent concentrations of analytes of interest over multiple sampling events above sitewide background concentrations. Repeat sampling has historically been performed at the site to confirm anomalous results. Increasing concentrations of analytes of interest may be observed.	Material releases from the facility would likely result from an on-going condition (i.e., one that persists unless/until corrected [e.g., liner defect, pipe break, landfill gas leakage]), and therefore include persistent detection of multiple analytes, or increasing concentrations of analytes of interest. "Isolated" or single analyte detection events, if detected and confirmed by the laboratory, would be considered representative of a transient condition (e.g., an incidental surface spill), rather than indicative of an on-going release. Absent consistent detections or increasing concentrations, the condition would likely be considered transient.
2	Multiple analytes of interest detected.	If released, material from the lined facility is anticipated to result in a broad range of analytes being detected in groundwater. If a single or more limited list of analytes are detected above sitewide background concentrations, an evaluation would be made regarding the potential source (e.g., leachate, landfill gas, incidental surface spill). For example, if VOCs were not detected but other indicator parameters (e.g., chloride, nitrate) were, leachate and landfill gas would not typically be suspected as a potential source as VOCs would be anticipated to be detected in a release of these materials from the lined facility.
3	Potentially (but not necessarily) identifiable in more than one monitoring location consistent with proximity to the landfill.	Based on inferred transport in groundwater, a material release from the lined facility may be detected in multiple monitoring locations. If analyte(s) of interest were detected, surrounding monitoring locations would be reviewed to evaluate if the condition is identified.
4	Operational observations substantiating a potential for release	The routine inspection and monitoring of the landfill is performed to identify conditions that may be indicative of a release. If analyte(s) of interest were detected, additional review of site operations/infrastructure would be performed to evaluate if the condition was related to a known or suspected release event (e.g., leachate breakout, broken leachate forcemain, landfill gas migration).

This list is not intended to address every possible hypothetical release from the lined facility, but rather serve as a basis for preliminary screening of data from the facility to supplement the existing Permit monitoring and reporting. This screening will focus on analytes in groundwater detected at concentrations above sitewide background concentrations.

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Field Parameters / Indicator Parameters / Dissolved Metals																			
		s.u.	µS/cm	°C	mg/L																
		pH	Specific Conductance	Temperature	Chemical Oxygen Demand	Bromide	Chloride	Nitrate	Total Kjeldahl Nitrogen (TKN)	Iron	Manganese	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Lead	Nickel	Silver	Thallium
GW-1 (AGQS)		NS	NS	NS	NS	NS	NS	10	NS	NS	0.3	0.006	0.005	2	0.004	0.005	0.1	0.015	0.1	0.1	0.002
SMCL		6.5-8.5	NS	NS	NS	NS	250	NS	NS	0.3	0.05	NS	NS	NS	NS	NS	NS	NS	NS	0.10	NS
B-923U	11-06-18	7.48	64	8.3	<10	<0.1	<1	0.64	<0.5	<0.05	<0.005										
B-923U	04-23-19																				
B-923U	07-09-19																				
B-923U	11-05-19																				
B-923U	04-21-20	7.96	68	6.5	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-923U	07-16-20	7.61	56	9.1	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-923U	11-04-20	6.96	60	6.2	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-923U	04-20-21																				
B-923U	07-07-21																				
B-923U	11-02-21																				
B-923U	04-20-22	7.13	63	4.7	<10	<0.1	1.6	<0.5	0.55	<0.05	<0.005										
B-923U	07-12-22	7.32	55	9.1	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0035	<0.001	<0.001	<0.001	<0.001	0.0027	<0.001	<0.001
B-923U	11-02-22	7.49	60	8.1	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-923U	04-19-23																				
B-923U	07-12-23																				
B-923U	11-06-23																				
B-924U	11-06-18																				
B-924U	04-23-19	6.45	82	8.9	<10	<0.1	<1	1.8	0.92	<0.05	<0.005										
B-924U	07-09-19	6.63	92	10.4	<10	<0.1	<1	1.0	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0061	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-924U	11-05-19	6.81	104	7.8	<10	<0.1	1	2.5	<0.5	<0.05	<0.005										
B-924U	04-21-20																				
B-924U	07-16-20	6.74	82	9.3																	
B-924U	11-04-20																				
B-924U	04-20-21	6.73	78	7.6	<10	<0.1	1	0.68	0.53	<0.05	<0.005										
B-924U	07-07-21	7.13	96	11.6	<10	<0.1	<1	1.2	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0081	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001
B-924U	09-29-21	7.32	98	6.9																	
B-924U	11-02-21	6.68	83	7.2	<10	<0.1	<1	1.2	<0.5	<0.05	<0.005										
B-924U	04-20-22																				
B-924U	07-12-22																				
B-924U	11-02-22																				
B-924U	04-19-23	6.98	90	7	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-924U	07-12-23	6.87	92	10.3	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0063	<0.001	<0.001	0.0017	<0.001	0.0017	<0.001	<0.001
B-924U	11-07-23	**6.46**	91	7.8	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-924L	11-06-18																				
B-924L	04-23-19																				
B-924L	07-09-19																				
B-924L	11-05-19																				
B-924L	04-21-20																				
B-924L	07-16-20	**9.28**	105	9.1	<10	<0.1	<1	<0.5	<0.5	<0.05	0.0087										
B-924L	11-04-20																				
B-924L	04-20-21																				
B-924L	07-07-21																				
B-924L	11-02-21																				
B-924L	04-20-22																				
B-924L	07-12-22	**6.32**	61	15.4	<10	<0.1	<1	<0.5	<0.5	0.066	0.0099										
B-924L	11-02-22																				
B-924L	04-19-23																				
B-924L	07-12-23																				
B-924L	11-06-23																				
B-925U	11-06-18	6.97	61	7.2	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-925U	04-23-19																				
B-925U	07-09-19																				
B-925U	11-05-19																				
B-925U	04-21-20	7.51	78	7.1	<10	<0.1	<1	<0.5	<0.5	0.064	<0.005										
B-925U	07-16-20	7.68	70	9.8	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-925U	11-04-20	7.62	58	6.2	<10	<0.1	<1	<0.5	<0.5	0.065	<0.005										
B-925U	04-20-21																				
B-925U	07-07-21																				
B-925U	11-02-21																				
B-925U	04-20-22	6.95	65	5.6	<10	<0.1	<1	<0.5	0.58	<0.05	<0.005										
B-925U	07-12-22	6.50	60	11.6	<10	<0.1	<1	<0.5	<0.5	0.16	0.0059	<0.001	<0.0005	0.0082	<0.001	<0.001	0.0014	<0.001	0.0021	<0.001	<0.001
B-925U	11-02-22	6.73	61	7.6	<10	<0.1	<1	<0.5	<0.5	**0.41**	0.015										
B-925U	04-19-23																				
B-925U	07-12-23																				
B-925U	11-06-23																				
B-925L	11-06-18																				
B-925L	04-23-19																				
B-925L	07-09-19																				
B-925L	11-05-19																				
B-925L	04-21-20																				
B-925L	07-16-20	**8.69**	109	10	<10	<0.1	1.1	<0.5	<0.5	<0.05	0.022										
B-925L	11-04-20																				
B-925L	04-20-21																				
B-925L	07-07-21																				
B-925L	11-02-21																				
B-925L	04-20-22																				
B-925L	07-13-22	7.75	125	9.1	<10	<0.1	1.3	<0.5	<0.5	0.08	0.036										
B-925L	11-02-22																				
B-925L	04-19-23																				
B-925L	07-12-23																				
B-925L	11-06-23																				
B-929U	11-02-22																				
B-929U	12-01-22	**5.29**	68	3.86	<10	<0.1	1.2	1.6	<0.5	<0.05	0.0099	<0.001	<0.0005	0.01	<0.001	<0.001	0.0011	<0.001	<0.001	<0.001	<0.001
B-929U	03-20-23	6.57	84	7.7	<10	<0.1	1.8	1.9	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0065	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001
B-929U	04-19-23																				
B-929U	07-12-23	6.76	88	11.9	<10	<0.1	1.5	2.6	<0.5	<0.05	<0.005	<0.001	<0.0005	0.01	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001
B-929U	11-07-23	**6.21**	84	7.4	<10	<0.1	1.4	3	<0.5	<0.05	<0.005										
B-929L	11-02-22																				
B-929L	12-01-22	6.47	101	5.59	15	<0.1	1.6	1.4	<0.5	<0.05	0.046	<0.001	0.00051	0.015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-929L	03-20-23	6.93	83	7.1	<10	<0.1	1.7	1.3	<0.5	0.091	0.0095	<0.001	<0.0005	0.009	<0.001	<0.001	0.0012	<0.001	<0.001	<0.001	<0.001
B-929L	04-19-23																				
B-929L	07-12-23																				
B-929L	11-07-23																				
Minimum Detection		5.3	55	3.9	15	ND	1.0	0.64	0.53	0.064	0.0059	ND	0.00051	0.0035	ND	ND	0.001	ND	0.0017	ND	ND
Maximum Detection		9.3	125	15.4	15	ND	1.8	3	0.92	**0.41**	0.046	ND	0.00051	0.025	ND	ND	0.0017	ND	0.0027	ND	ND
Median of Detections		7.0	82	7.8	15	–	1.4	1.4	0.565	0.08	0.010	–	0.00051	0.0086	–	–	0.0013	–	0.0021	–	–
5th Percentile of Detections		6.3	58	5.3	15	–	1.0	0.66	0.533	0.064	0.0070	–	0.00051	0.0049	–	–	0.0011	–	0.00174	–	–
95th Percentile of Detections		8.2	106	11.7	15	–	1.8	2.76	0.869	**0.335**	0.042	–	0.00051	0.0217	–	–	0.0016	–	0.00264	–	–
Typical Reporting Limit for All NDs		–	–	–	–	<0.1	–	–	–	–	–	<0.001	–	–	<0.001	<0.001	–	<0.001	–	<0.001	<0.001
Site-Specific Background Value		–	–	–	–	0.1, 0.4 §	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Volatile Organic Compounds µg/L																														
		Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Butanone (2-) (MEK)	Butylbenzene (n-)	Butylbenzene (sec-)	Butylbenzene (tert-)	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Chlorotoluene (2-)	Chlorotoluene (4-)	Dibromo-3-chloropropane (1,2-) (DBCP)	Dibromo-3-chloropropane (1,2-) (DBCP)	Dibromochloromethane	Dibromoethane (1,2-) (Ethylene dibromide)	Dibromoethane (1,2-) (Ethylene dibromide)	Dibromomethane (Methylene bromide)	Dichlorobenzene (1,2-)	Dichlorobenzene (1,3-)	Dichlorobenzene (1,4-)	Dichlorodifluoromethane	Dichloroethane (1,1-)	Dichloroethane (1,2-)	Dichloroethene (1,1-)
GW-1 (AGQS)		6,000	5	60	NS	0.6	4	10	4,000	260	260	260	70	5	100	NS	70	30	100	NS	0.2	0.2	0.2	0.05	0.05	NS	600	600	75	1,000	81	5	7
SMCL		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<5	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<5	<1	<1	<1
B-923U	04-23-19																																
B-923U	07-09-19																																
B-923U	11-05-19																																
B-923U	04-21-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-923U	07-16-20																																
B-923U	11-04-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-923U	04-20-21																																
B-923U	07-07-21																																
B-923U	11-02-21																																
B-923U	04-20-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-923U	07-12-22																																
B-923U	11-02-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-923U	04-19-23																																
B-923U	07-12-23																																
B-923U	11-06-23																																
B-924U	11-06-18																																
B-924U	04-23-19	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<5	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<5	<1	<1	<1
B-924U	07-09-19																																
B-924U	11-05-19	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<5	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<5	<1	<1	<1
B-924U	04-21-20																																
B-924U	07-16-20																																
B-924U	11-04-20																																
B-924U	04-20-21	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-924U	07-07-21																																
B-924U	09-29-21																																
B-924U	11-02-21	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-924U	04-20-22																																
B-924U	07-12-22																																
B-924U	11-02-22																																
B-924U	04-19-23	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-924U	07-12-23																																
B-924U	11-07-23	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2		<1	<0.5		<1	<1	<1	<1	<2	<1	<1	<0.5
B-924L	11-06-18																																
B-924L	04-23-19																																
B-924L	07-09-19																																
B-924L	11-05-19																																
B-924L	04-21-20																																
B-924L	07-16-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-924L	11-04-20																																
B-924L	04-20-21																																
B-924L	07-07-21																																
B-924L	11-02-21																																
B-924L	04-20-22																																
B-924L	07-12-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-924L	11-02-22																																
B-924L	04-19-23																																
B-924L	07-12-23																																
B-924L	11-06-23																																
B-925U	11-06-18	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<5	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<5	<1	<1	<1
B-925U	04-23-19																																
B-925U	07-09-19																																
B-925U	11-05-19																																
B-925U	04-21-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925U	07-16-20																																
B-925U	11-04-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925U	04-20-21																																
B-925U	07-07-21																																
B-925U	11-02-21																																
B-925U	04-20-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925U	07-12-22																																
B-925U	11-02-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925U	04-19-23																																
B-925U	07-12-23																																
B-925U	11-06-23																																
B-925L	11-06-18																																
B-925L	04-23-19																																
B-925L	07-09-19																																
B-925L	11-05-19																																
B-925L	04-21-20																																
B-925L	07-16-20	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925L	11-04-20																																
B-925L	04-20-21																																
B-925L	07-07-21																																
B-925L	11-02-21																																
B-925L	04-20-22																																
B-925L	07-13-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-925L	11-02-22																																
B-925L	04-19-23																																
B-925L	07-12-23																																
B-925L	11-06-23																																
B-929U	11-02-22																																
B-929U	12-01-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-929U	03-20-23	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-929U	04-19-23																																
B-929U	07-12-23																																
B-929U	11-07-23	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2		<1	<0.5		<1	<1	<1	<1	<2	<1	<1	<0.5
B-929L	11-02-22																																
B-929L	12-01-22	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-929L	03-20-23	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
B-929L	04-19-23																																
B-929L	07-12-23																																
B-929L	11-07-23																																
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<0.5	<0.02	<1	<1	<1	<1	<2	<1	<1	<0.5
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Volatile Organic Compounds µg/L																												
		Dichloroethene (cis-1,2-)	Dichloroethene (trans-1,2-)	Dichloropropane (1,2-)	Dichloropropane (1,3-)	Dichloropropane (2,2-)	Dichloropropene (1,1-)	Dichloropropene (1,3-) (total)	Dichloropropene (cis-1,3-)	Dichloropropene (trans-1,3-)	Diethyl Ether (Ethyl Ether)	Diisopropyl ether (DIPE)	Dioxane (1,4-)	Ethyl tertiary butyl ether (ETBE)	Ethylbenzene	Hexachlorobutadiene	Hexanone (2-)	Isopropylbenzene (Cumene)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-t-butyl Ether (MTBE)	Naphthalene	Propylbenzene (n-)	Styrene	Tertiary amyl methyl ether (TAME)	Tertiary butyl alcohol (TBA) (tert-Butanol)	Tetrachloroethane (1,1,1,2-)	Tetrachloroethane (1,1,2,2-)	Tetrachloroethene (PCE)
GW-1 (AGQS)		70	100	5	NS	NS	NS	0.5 ‡	NS	NS	1,400	120	0.32	40	700	0.5	NS	800	260	2,000	5	13	100	260	100	140	40	70	2	5
SMCL		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<5	<5	<0.25	<5	<1	<0.5	<10	<1	<1	<10	<5	<1	<5	<1	<1	<5	<30	<1	<1	<1
B-923U	04-23-19																													
B-923U	07-09-19																													
B-923U	11-05-19																													
B-923U	04-21-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-923U	07-16-20																													
B-923U	11-04-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-923U	04-20-21																													
B-923U	07-07-21																													
B-923U	11-02-21																													
B-923U	04-20-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-923U	07-12-22																													
B-923U	11-02-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-923U	04-19-23																													
B-923U	07-12-23																													
B-923U	11-06-23																													
B-924U	11-06-18																													
B-924U	04-23-19	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<5	<5	<0.25	<5	<1	<0.5	<10	<1	<1	<10	<5	<1	<5	<1	<1	<5	<30	<1	<1	<1
B-924U	07-09-19																													
B-924U	11-05-19	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<5	<5	<0.25	<5	<1	<0.5	<10	<1	<1	<10	<5	<1	<5	<1	<1	<5	<30	<1	<1	<1
B-924U	04-21-20																													
B-924U	07-16-20																													
B-924U	11-04-20																													
B-924U	04-20-21	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924U	07-07-21																													
B-924U	09-29-21																													
B-924U	11-02-21	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924U	04-20-22																													
B-924U	07-12-22																													
B-924U	11-02-22																													
B-924U	04-19-23	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924U	07-12-23																													
B-924U	11-07-23	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924L	11-06-18																													
B-924L	04-23-19																													
B-924L	07-09-19																													
B-924L	11-05-19																													
B-924L	04-21-20																													
B-924L	07-16-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924L	11-04-20																													
B-924L	04-20-21																													
B-924L	07-07-21																													
B-924L	11-02-21																													
B-924L	04-20-22																													
B-924L	07-12-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-924L	11-02-22																													
B-924L	04-19-23																													
B-924L	07-12-23																													
B-924L	11-06-23																													
B-925U	11-06-18	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<5	<5	<0.25	<5	<1	<0.5	<10	<1	<1	<10	<5	<1	<5	<1	<1	<5	<30	<1	<1	<1
B-925U	04-23-19																													
B-925U	07-09-19																													
B-925U	11-05-19																													
B-925U	04-21-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925U	07-16-20																													
B-925U	11-04-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925U	04-20-21																													
B-925U	07-07-21																													
B-925U	11-02-21																													
B-925U	04-20-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925U	07-12-22																													
B-925U	11-02-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925U	04-19-23																													
B-925U	07-12-23																													
B-925U	11-06-23																													
B-925L	11-06-18																													
B-925L	04-23-19																													
B-925L	07-09-19																													
B-925L	11-05-19																													
B-925L	04-21-20																													
B-925L	07-16-20	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925L	11-04-20																													
B-925L	04-20-21																													
B-925L	07-07-21																													
B-925L	11-02-21																													
B-925L	04-20-22																													
B-925L	07-13-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-925L	11-02-22																													
B-925L	04-19-23																													
B-925L	07-12-23																													
B-925L	11-06-23																													
B-929U	11-02-22																													
B-929U	12-01-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-929U	03-20-23	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-929U	04-19-23																													
B-929U	07-12-23																													
B-929U	11-07-23	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-929L	11-02-22																													
B-929L	12-01-22	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-929L	03-20-23	<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
B-929L	04-19-23																													
B-929L	07-12-23																													
B-929L	11-07-23																													
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<1	<1	<1	<1	<1	<1	ND	<0.5	<0.5	<2	<2	<0.25	<2	<1	<0.5	<10	<1	<1	<10	<1	<1	<2	<1	<1	<2	<30	<1	<1	<1
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Selected Background Concentration																														

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Volatile Organic Compounds µg/L																Semi-Volatile Organic Compounds µg/L													
		Tetrahydrofuran	Toluene	Trichlorobenzene (1,2,3-)	Trichlorobenzene (1,2,4-)	Trichlorobenzene (1,3,5-)	Trichloroethane (1,1,1-)	Trichloroethane (1,1,2-)	Trichloroethene (TCE)	Trichlorofluoromethane	Trichloropropane (1,2,3-)	Trimethylbenzene (1,2,4-)	Trimethylbenzene (1,3,5-)	Vinyl Chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Total VOCs	Acenaphthene	Acenaphthylene	Acetophenone	Aniline	Anthracene	Azobenzene	Benzidine	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl Alcohol	bis(2-Chloroethoxy) methane
GW-1 (AGQS)		600	1,000	NS	70	40	200	5	5	2,000	0.5	330	330	2	NS	NS	10,000	NS	420	420	NS	NS	2,100	NS	0.8	0.1	0.2	0.1	210	0.5	28,000	NS	NS
SMCL		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-923U	04-23-19																																
B-923U	07-09-19																																
B-923U	11-05-19																																
B-923U	04-21-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-923U	07-16-20																		<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-923U	11-04-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-923U	04-20-21																																
B-923U	07-07-21																																
B-923U	11-02-21																																
B-923U	04-20-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-923U	07-12-22																																
B-923U	11-02-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-923U	04-19-23																																
B-923U	07-12-23																																
B-923U	11-06-23																																
B-924U	11-06-18																																
B-924U	04-23-19	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-924U	07-09-19																																
B-924U	11-05-19	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-924U	04-21-20																																
B-924U	07-16-20																		<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-924U	11-04-20																																
B-924U	04-20-21	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924U	07-07-21																																
B-924U	09-29-21																																
B-924U	11-02-21	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924U	04-20-22																																
B-924U	07-12-22																																
B-924U	11-02-22																																
B-924U	04-19-23	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924U	07-12-23																																
B-924U	11-07-23	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924L	11-06-18																																
B-924L	04-23-19																																
B-924L	07-09-19																																
B-924L	11-05-19																																
B-924L	04-21-20																																
B-924L	07-16-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924L	11-04-20																																
B-924L	04-20-21																																
B-924L	07-07-21																																
B-924L	11-02-21																																
B-924L	04-20-22																																
B-924L	07-12-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-924L	11-02-22																																
B-924L	04-19-23																																
B-924L	07-12-23																																
B-924L	11-06-23																																
B-925U	11-06-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-925U	04-23-19																																
B-925U	07-09-19																																
B-925U	11-05-19																																
B-925U	04-21-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925U	07-16-20																		<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-925U	11-04-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925U	04-20-21																																
B-925U	07-07-21																																
B-925U	11-02-21																																
B-925U	04-20-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925U	07-12-22																																
B-925U	11-02-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925U	04-19-23																																
B-925U	07-12-23																																
B-925U	11-06-23																																
B-925L	11-06-18																																
B-925L	04-23-19																																
B-925L	07-09-19																																
B-925L	11-05-19																																
B-925L	04-21-20																																
B-925L	07-16-20	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925L	11-04-20																																
B-925L	04-20-21																																
B-925L	07-07-21																																
B-925L	11-02-21																																
B-925L	04-20-22																																
B-925L	07-13-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-925L	11-02-22																																
B-925L	04-19-23																																
B-925L	07-12-23																																
B-925L	11-06-23																																
B-929U	11-02-22																																
B-929U	12-01-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND	<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-929U	03-20-23	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND	<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-929U	04-19-23																																
B-929U	07-12-23																																
B-929U	11-07-23	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND															
B-929L	11-02-22																																
B-929L	12-01-22	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1			<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-929L	03-20-23	<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1			<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
B-929L	04-19-23																																
B-929L	07-12-23																																
B-929L	11-07-23																																
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<10	<1	<0.5	<1	<1	<1	<1	<1	<2	<0.5	<1	<1	<1	<1	<1	ND	ND	<0.1	<0.1	<10	<1	<0.1	<1	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<10	<1
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Semi-Volatile Organic Compounds µg/L																																
		bis(2-Chloroethyl)ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	Bromophenyl-phenylether (4-)	Butylbenzylphthalate	Carbazole	Chloro-3-methylphenol (4-)	Chloroaniline (4-)	Chloronaphthalene (2-)	Chlorophenol (2-)	Chlorophenyl-phenylether (4-)	Chrysene	Decane (n-)	Dibenz(a,h)anthracene	Dibenzofuran	Dichloroaniline (2,3-)	Dichlorobenzene (1,2-)	Dichlorobenzene (1,3-)	Dichlorobenzene (1,4-)	Dichlorobenzidine (3,3'-)	Dichlorophenol (2,4-)	Diethylphthalate	Dimethylphenol (2,4-)	Dimethylphthalate	Di-n-butylphthalate	Dinitro-2-methylphenol (4,6-)	Dinitrophenol (2,4-)	Dinitrotoluene (2,4-)	Dinitrotoluene (2,6-)	Di-n-octylphthalate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene
GW-1 (AGQS)		10	300	6	NS	NS	NS	NS	28	NS	40	NS	5	NS	0.1	NS	NS	600	600	75	1.3	20	NS	140	50,000	800	NS	14	10	NS	NS	280	280	1	0.5
SMCL		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18																																		
B-923U	04-23-19																																		
B-923U	07-09-19																																		
B-923U	11-05-19																																		
B-923U	04-21-20																																		
B-923U	07-16-20	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-923U	11-04-20																																		
B-923U	04-20-21																																		
B-923U	07-07-21																																		
B-923U	11-02-21																																		
B-923U	04-20-22																																		
B-923U	07-12-22																																		
B-923U	11-02-22																																		
B-923U	04-19-23																																		
B-923U	07-12-23																																		
B-923U	11-06-23																																		
B-924U	11-06-18																																		
B-924U	04-23-19																																		
B-924U	07-09-19																																		
B-924U	11-05-19																																		
B-924U	04-21-20																																		
B-924U	07-16-20	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-924U	11-04-20																																		
B-924U	04-20-21																																		
B-924U	07-07-21																																		
B-924U	09-29-21																																		
B-924U	11-02-21																																		
B-924U	04-20-22																																		
B-924U	07-12-22																																		
B-924U	11-02-22																																		
B-924U	04-19-23																																		
B-924U	07-12-23																																		
B-924U	11-07-23																																		
B-924L	11-06-18																																		
B-924L	04-23-19																																		
B-924L	07-09-19																																		
B-924L	11-05-19																																		
B-924L	04-21-20																																		
B-924L	07-16-20																																		
B-924L	11-04-20																																		
B-924L	04-20-21																																		
B-924L	07-07-21																																		
B-924L	11-02-21																																		
B-924L	04-20-22																																		
B-924L	07-12-22																																		
B-924L	11-02-22																																		
B-924L	04-19-23																																		
B-924L	07-12-23																																		
B-924L	11-06-23																																		
B-925U	11-06-18																																		
B-925U	04-23-19																																		
B-925U	07-09-19																																		
B-925U	11-05-19																																		
B-925U	04-21-20																																		
B-925U	07-16-20	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-925U	11-04-20																																		
B-925U	04-20-21																																		
B-925U	07-07-21																																		
B-925U	11-02-21																																		
B-925U	04-20-22																																		
B-925U	07-12-22																																		
B-925U	11-02-22																																		
B-925U	04-19-23																																		
B-925U	07-12-23																																		
B-925U	11-06-23																																		
B-925L	11-06-18																																		
B-925L	04-23-19																																		
B-925L	07-09-19																																		
B-925L	11-05-19																																		
B-925L	04-21-20																																		
B-925L	07-16-20																																		
B-925L	11-04-20																																		
B-925L	04-20-21																																		
B-925L	07-07-21																																		
B-925L	11-02-21																																		
B-925L	04-20-22																																		
B-925L	07-13-22																																		
B-925L	11-02-22																																		
B-925L	04-19-23																																		
B-925L	07-12-23																																		
B-925L	11-06-23																																		
B-929U	11-02-22																																		
B-929U	12-01-22	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929U	03-20-23	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929U	04-19-23																																		
B-929U	07-12-23																																		
B-929U	11-07-23																																		
B-929L	11-02-22																																		
B-929L	12-01-22	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929L	03-20-23	<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929L	04-19-23																																		
B-929L	07-12-23																																		
B-929L	11-07-23																																		
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<1	<1	<5	<1	<5	<1	<1	<1	<1	<1	<1	<0.1	<5	<0.1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Semi-Volatile Organic Compounds µg/L																											
		Hexachlorocyclo-pentadiene	Hexachloroethane	Indeno(1,2,3-cd)pyrene	Isophorone	Methylnapthalene (1-)	Methylnaphthalene (2-)	Methylphenol (2-)	Methylphenol (3 4-) ǂ	Naphthalene	Nitroaniline (2-)	Nitroaniline (3-)	Nitroaniline (4-)	Nitrobenzene	Nitrophenol (2-)	Nitrophenol (4-)	Nitrosodi-methylamine (N-)	Nitroso-di-n-propylamine (N-)	Nitrosodi-phenylamine (N-)	Octadecane (n-)	Pentachlorophenol	Phenanthrene	Phenol	Pyrene	Pyridine	Terpineol (alpha-)	Trichlorobenzene (1,2,4-)	Trichlorophenol (2,4,5-)	Trichlorophenol (2,4,6-)	Total SVOCs
GW-1 (AGQS)		50	1	0.1	100	160	280	40	40	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	210	2,000	210	NS	NS	70	700	5.0	NS
SMCL		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18																													
B-923U	04-23-19																													
B-923U	07-09-19																													
B-923U	11-05-19																													
B-923U	04-21-20																													
B-923U	07-16-20	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-923U	11-04-20																													
B-923U	04-20-21																													
B-923U	07-07-21																													
B-923U	11-02-21																													
B-923U	04-20-22																													
B-923U	07-12-22																													
B-923U	11-02-22																													
B-923U	04-19-23																													
B-923U	07-12-23																													
B-923U	11-06-23																													
B-924U	11-06-18																													
B-924U	04-23-19																													
B-924U	07-09-19																													
B-924U	11-05-19																													
B-924U	04-21-20																													
B-924U	07-16-20	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-924U	11-04-20																													
B-924U	04-20-21																													
B-924U	07-07-21																													
B-924U	09-29-21																													
B-924U	11-02-21																													
B-924U	04-20-22																													
B-924U	07-12-22																													
B-924U	11-02-22																													
B-924U	04-19-23																													
B-924U	07-12-23																													
B-924U	11-07-23																													
B-924L	11-06-18																													
B-924L	04-23-19																													
B-924L	07-09-19																													
B-924L	11-05-19																													
B-924L	04-21-20																													
B-924L	07-16-20																													
B-924L	11-04-20																													
B-924L	04-20-21																													
B-924L	07-07-21																													
B-924L	11-02-21																													
B-924L	04-20-22																													
B-924L	07-12-22																													
B-924L	11-02-22																													
B-924L	04-19-23																													
B-924L	07-12-23																													
B-924L	11-06-23																													
B-925U	11-06-18																													
B-925U	04-23-19																													
B-925U	07-09-19																													
B-925U	11-05-19																													
B-925U	04-21-20																													
B-925U	07-16-20	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-925U	11-04-20																													
B-925U	04-20-21																													
B-925U	07-07-21																													
B-925U	11-02-21																													
B-925U	04-20-22																													
B-925U	07-12-22																													
B-925U	11-02-22																													
B-925U	04-19-23																													
B-925U	07-12-23																													
B-925U	11-06-23																													
B-925L	11-06-18																													
B-925L	04-23-19																													
B-925L	07-09-19																													
B-925L	11-05-19																													
B-925L	04-21-20																													
B-925L	07-16-20																													
B-925L	11-04-20																													
B-925L	04-20-21																													
B-925L	07-07-21																													
B-925L	11-02-21																													
B-925L	04-20-22																													
B-925L	07-13-22																													
B-925L	11-02-22																													
B-925L	04-19-23																													
B-925L	07-12-23																													
B-925L	11-06-23																													
B-929U	11-02-22																													
B-929U	12-01-22	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-929U	03-20-23	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-929U	04-19-23																													
B-929U	07-12-23																													
B-929U	11-07-23																													
B-929L	11-02-22																													
B-929L	12-01-22	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-929L	03-20-23	<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
B-929L	04-19-23																													
B-929L	07-12-23																													
B-929L	11-07-23																													
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<5	<1	<0.1	<1	<0.1	<0.1	<1	<1	<0.1	<5	<5	<5	<1	<5	<5	<1	<0.5	<1	<5	<5	<0.1	<1	<0.1	<5	<5	<1	<1	<1	ND
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Per- and Polyfluoroalkyl Substances Concentrations in ng/L																		
		Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)
GW-1 (AGQS)		NS	NS	NS	NS	12	11	NS	NS	NS	NS	NS	NS	NS	18	NS	15	NS	NS	NS
SMCL		NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B-923U	11-06-18																			
B-923U	04-23-19																			
B-923U	07-09-19																			
B-923U	11-05-19																			
B-923U	04-21-20																			
B-923U	07-16-20																			
B-923U	11-04-20																			
B-923U	04-20-21																			
B-923U	07-07-21																			
B-923U	11-02-21																			
B-923U	04-20-22																			
B-923U	07-12-22	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-923U	11-02-22																			
B-923U	04-19-23																			
B-923U	07-12-23																			
B-923U	11-06-23																			
B-924U	11-06-18																			
B-924U	04-23-19																			
B-924U	07-09-19	<4.33	<4.33	<4.33	<4.33	<4.33	<4.33						<4.33		<4.33		<4.33			
B-924U	11-05-19																			
B-924U	04-21-20																			
B-924U	07-16-20																			
B-924U	11-04-20																			
B-924U	04-20-21																			
B-924U	07-07-21	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-924U	09-29-21	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-924U	11-02-21																			
B-924U	04-20-22																			
B-924U	07-12-22																			
B-924U	11-02-22																			
B-924U	04-19-23																			
B-924U	07-12-23																			
B-924U	11-07-23																			
B-924L	11-06-18																			
B-924L	04-23-19																			
B-924L	07-09-19																			
B-924L	11-05-19																			
B-924L	04-21-20																			
B-924L	07-16-20																			
B-924L	11-04-20																			
B-924L	04-20-21																			
B-924L	07-07-21																			
B-924L	11-02-21																			
B-924L	04-20-22																			
B-924L	07-12-22																			
B-924L	11-02-22																			
B-924L	04-19-23																			
B-924L	07-12-23																			
B-924L	11-06-23																			
B-925U	11-06-18																			
B-925U	04-23-19																			
B-925U	07-09-19																			
B-925U	11-05-19																			
B-925U	04-21-20																			
B-925U	07-16-20	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46
B-925U	11-04-20																			
B-925U	04-20-21																			
B-925U	07-07-21																			
B-925U	11-02-21																			
B-925U	04-20-22																			
B-925U	07-12-22																			
B-925U	11-02-22																			
B-925U	04-19-23																			
B-925U	07-12-23																			
B-925U	11-06-23																			
B-925L	11-06-18																			
B-925L	04-23-19																			
B-925L	07-09-19																			
B-925L	11-05-19																			
B-925L	04-21-20																			
B-925L	07-16-20																			
B-925L	11-04-20																			
B-925L	04-20-21																			
B-925L	07-07-21																			
B-925L	11-02-21																			
B-925L	04-20-22																			
B-925L	07-13-22																			
B-925L	11-02-22																			
B-925L	04-19-23																			
B-925L	07-12-23																			
B-925L	11-06-23																			
B-929U	11-02-22																			
B-929U	12-01-22	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-929U	03-20-23	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-929U	04-19-23																			
B-929U	07-12-23																			
B-929U	11-07-23																			
B-929L	11-02-22																			
B-929L	12-01-22	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-929L	03-20-23	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-929L	04-19-23																			
B-929L	07-12-23																			
B-929L	11-07-23																			
Minimum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Detection		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Median of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
95th Percentile of Detections		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typical Reporting Limit for All NDs		<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<4.0-<5.0
Site-Specific Background Value		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Selected Background Concentration

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Per- and Polyfluoroalkyl Substances Concentrations in ng/L					
		1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)
GW-1 (AGQS)		NS	NS	NS	NS	NS	NS
SMCL		NS	NS	NS	NS	NS	NS
B-923U	11-06-18						
B-923U	04-23-19						
B-923U	07-09-19						
B-923U	11-05-19						
B-923U	04-21-20						
B-923U	07-16-20						
B-923U	11-04-20						
B-923U	04-20-21						
B-923U	07-07-21						
B-923U	11-02-21						
B-923U	04-20-22						
B-923U	07-12-22	<4	<4	<4	<20	<4	<4
B-923U	11-02-22						
B-923U	04-19-23						
B-923U	07-12-23						
B-923U	11-06-23						
B-924U	11-06-18						
B-924U	04-23-19						
B-924U	07-09-19						
B-924U	11-05-19						
B-924U	04-21-20						
B-924U	07-16-20						
B-924U	11-04-20						
B-924U	04-20-21						
B-924U	07-07-21	<4	<4	4.1	<20	<4	<4
B-924U	09-29-21	<4	<4	<4	<20	<4	<4
B-924U	11-02-21						
B-924U	04-20-22						
B-924U	07-12-22						
B-924U	11-02-22						
B-924U	04-19-23						
B-924U	07-12-23						
B-924U	11-07-23						
B-924L	11-06-18						
B-924L	04-23-19						
B-924L	07-09-19						
B-924L	11-05-19						
B-924L	04-21-20						
B-924L	07-16-20						
B-924L	11-04-20						
B-924L	04-20-21						
B-924L	07-07-21						
B-924L	11-02-21						
B-924L	04-20-22						
B-924L	07-12-22						
B-924L	11-02-22						
B-924L	04-19-23						
B-924L	07-12-23						
B-924L	11-06-23						
B-925U	11-06-18						
B-925U	04-23-19						
B-925U	07-09-19						
B-925U	11-05-19						
B-925U	04-21-20						
B-925U	07-16-20	<4.46	<4.46	<4.46	<22.3	<4.46	<4.46
B-925U	11-04-20						
B-925U	04-20-21						
B-925U	07-07-21						
B-925U	11-02-21						
B-925U	04-20-22						
B-925U	07-12-22						
B-925U	11-02-22						
B-925U	04-19-23						
B-925U	07-12-23						
B-925U	11-06-23						
B-925L	11-06-18						
B-925L	04-23-19						
B-925L	07-09-19						
B-925L	11-05-19						
B-925L	04-21-20						
B-925L	07-16-20						
B-925L	11-04-20						
B-925L	04-20-21						
B-925L	07-07-21						
B-925L	11-02-21						
B-925L	04-20-22						
B-925L	07-13-22						
B-925L	11-02-22						
B-925L	04-19-23						
B-925L	07-12-23						
B-925L	11-06-23						
B-929U	11-02-22						
B-929U	12-01-22	<4	<4	<4	<20	<4	<4
B-929U	03-20-23	<4	<4	<4	<20	<4	<4
B-929U	04-19-23						
B-929U	07-12-23						
B-929U	11-07-23						
B-929L	11-02-22						
B-929L	12-01-22	<4	<4	<4	<20	<4	<4
B-929L	03-20-23	<4	<4	<4	<20	<4	<4
B-929L	04-19-23						
B-929L	07-12-23						
B-929L	11-07-23						
Minimum Detection		ND	ND	4.1	ND	ND	ND
Maximum Detection		ND	ND	4.1	ND	ND	ND
Median of Detections		–	–	4.1		–	–
5th Percentile of Detections		–	–	4.1		–	–
95th Percentile of Detections		–	–	4.1		–	–
Typical Reporting Limit for All NDs		<4.0-<5.0	<4.0-<5.0	<4.0-<5.0	<20-<24	<4.0-<5.0	<4.0-<5.0
Site-Specific Background Value		–	–	–		–	–

Selected Background Concentration

Notes:

1. Samples were collected by Sanborn Head on the dates indicated. Samples were analyzed by Eastern Analytical, Inc. (EAI) of Concord, New Hampshire.
Field duplicate samples are indicated by "Dup."

2. pH is presented in standard units (s.u.), specific conductance is presented in microSiemens per centimeter (µS/cm), and temperature is presented in degrees Celsius (°C). Indicator parameter and metals results are presented in milligrams per liter (mg/L) which is equivalent to parts per million. Volatile organic compound (VOC) and semi-volatile organic compound (SVOC) results are presented in micrograms per liter (µg/L) which is equivalent to parts per billion (ppb). Per- and polyfluoroalkyl substances (PFAS) results are presented in nanograms per liter (ng/L) which is equivalent to parts per trillion (ppt).

3. "<" indicates the analyte was not detected above the listed laboratory reporting limit.
"§" indicates background value for bromide is 0.4 mg/L for wells within the groundwater management zone (GMZ) established for the site, and 0.1 mg/L for wells outside the GMZ.
[3] = number of carbons in the alkyl chain for perfluorinated carboxylic acids (PFCAs). The carbon included in the carboxylic functional group is non-fluorinated and the remaining carbons (i.e., alkyl chain) are fluorinated.
[4S] = number of carbons in the alkyl chain for perfluorinated sulfonic acids (PFSAs). All of the carbons are fluorinated.

4. "GW-1" Groundwater Standards are from the New Hampshire Department of Environmental Services (NHDES) Contaminated Sites Risk Characterization and Management Policy (RCMP) (January 1998, with 2000 through 2018 revisions/addenda). GW-1 Groundwater Standards are intended to be equivalent to the AGQSs promulgated in Env-Or 600 (June 2015 with October 2016, September 2018, September 2019, May 2020, January 2021, and July 2021 amendments). For analytes where GW-1 and AGQS values differ, the values presented in this table reflect the AGQSs in the latest Env-Or 600 update. The AGQS/GW-1 Groundwater Standards are intended to be protective of groundwater as a source of drinking water.

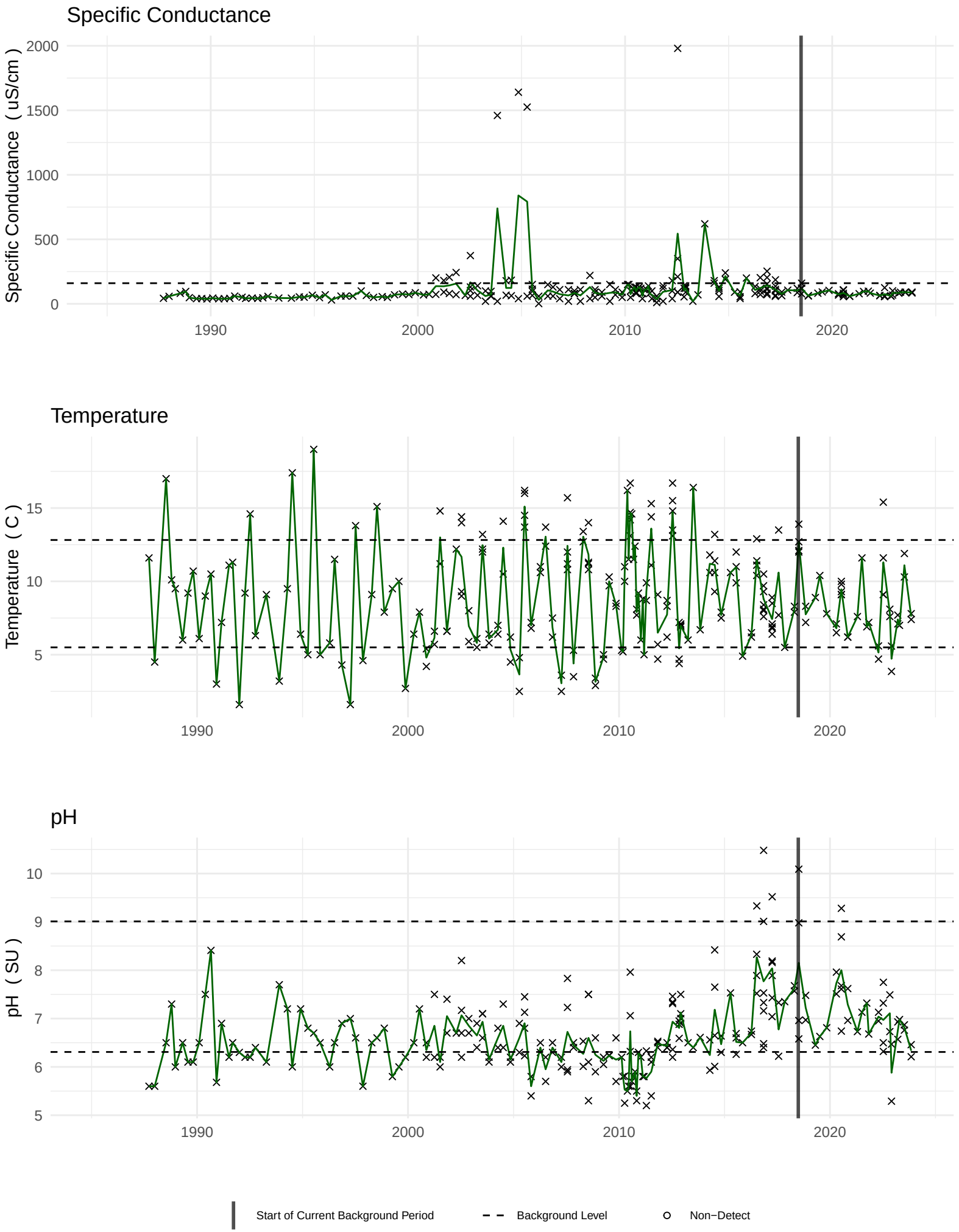
"SMCL" refers to the USEPA Secondary Maximum Contaminant Levels as presented in the National Primary Drinking Water Standards (May 2009). The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These analytes are not considered to present a risk to human health at the SMCL.

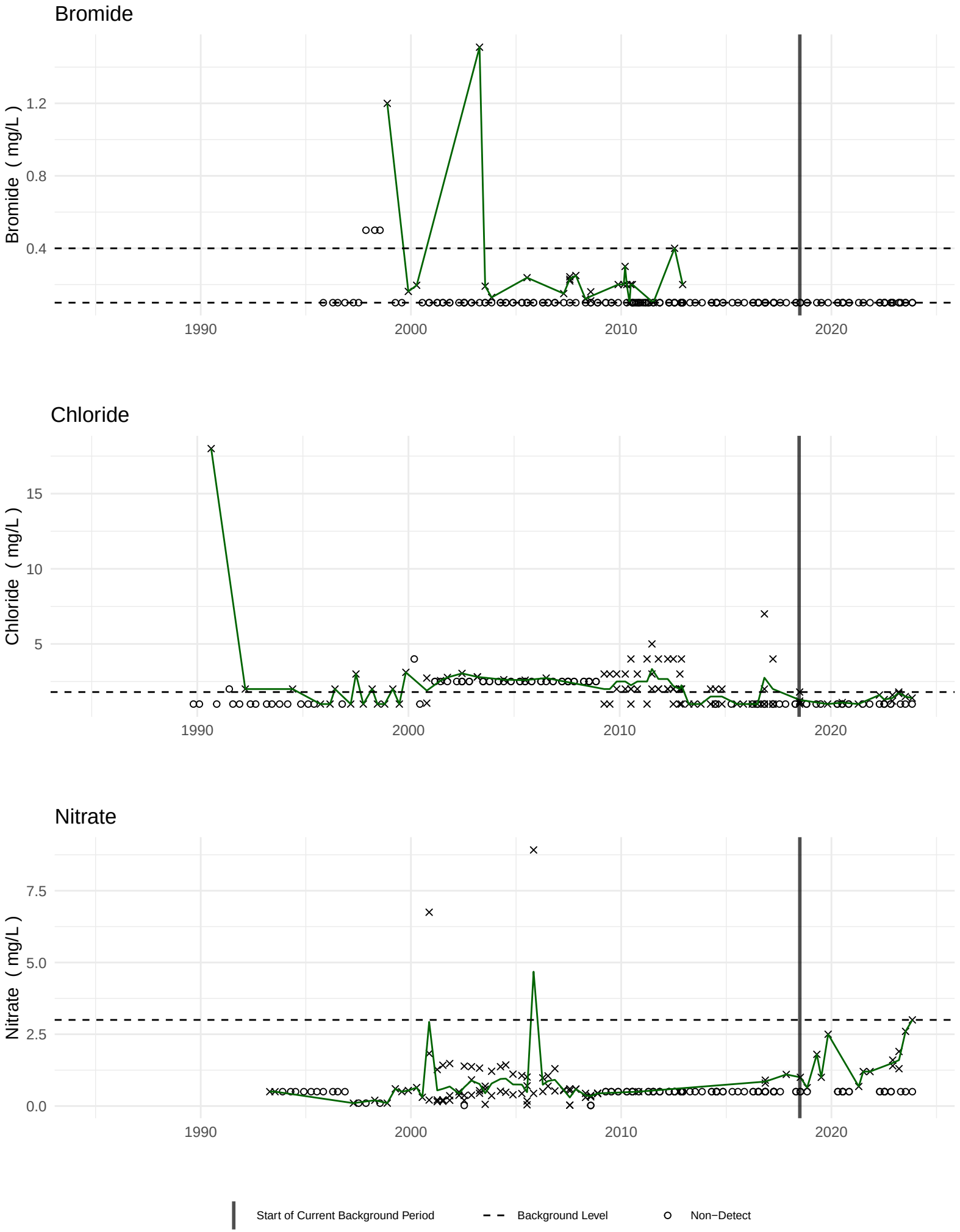
5. **Bold** values exceed the GW-1 Groundwater Standard (or SMCL if no GW-1 Groundwater Standard is available) for that analyte.
Green shading indicates the calculated background concentration.

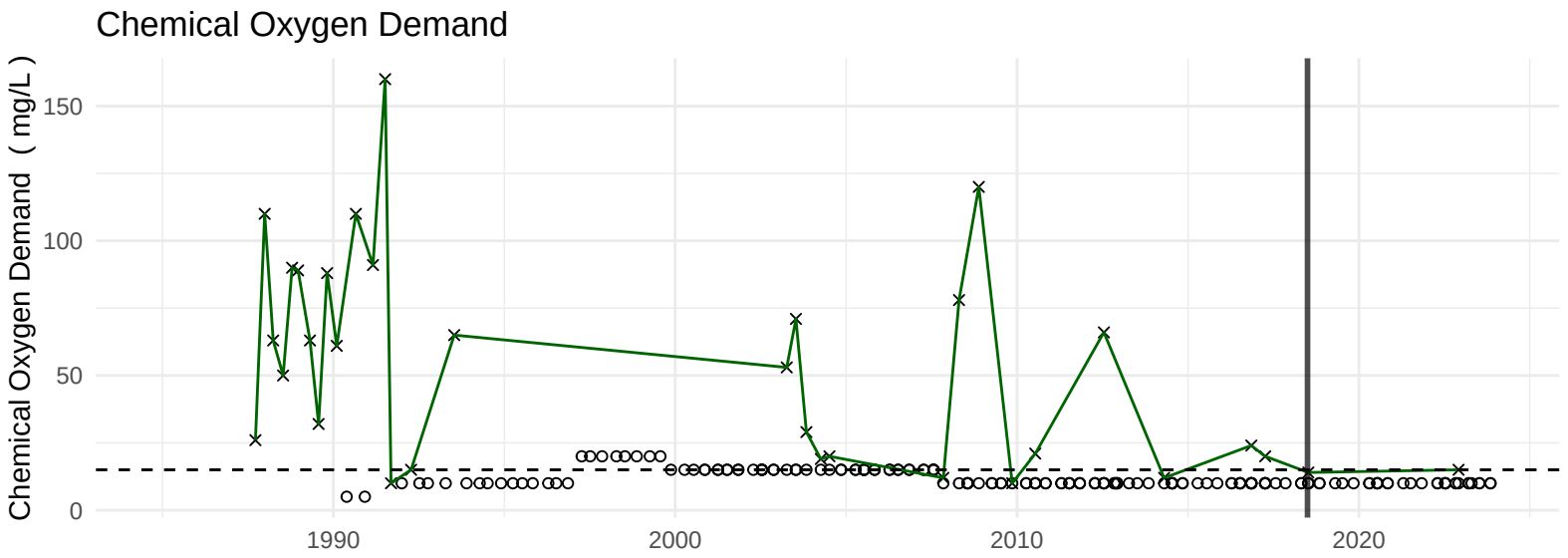
6. Appendix A.1 includes a description of the assessment of background groundwater conditions at the NCES Landfill. Appendix A.1 also includes a discussion of the selection of monitoring wells used to develop background groundwater values, as well as the period of record used to identify background values for the current reporting period.

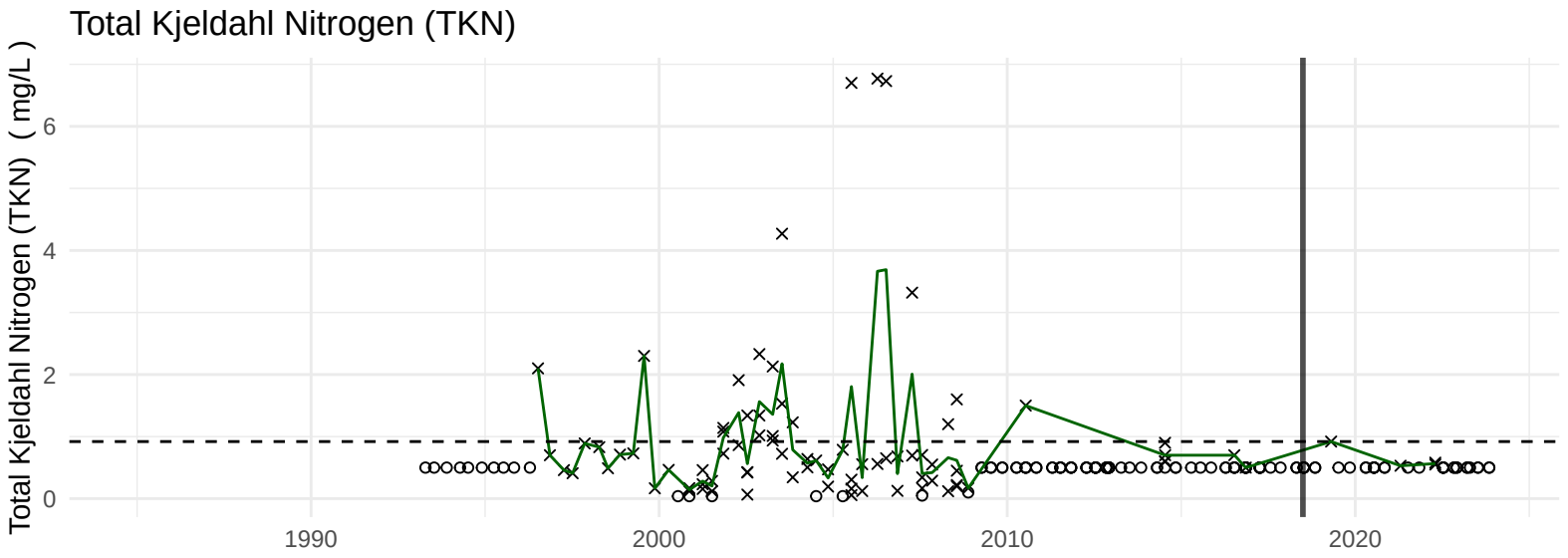
Appendix A.2

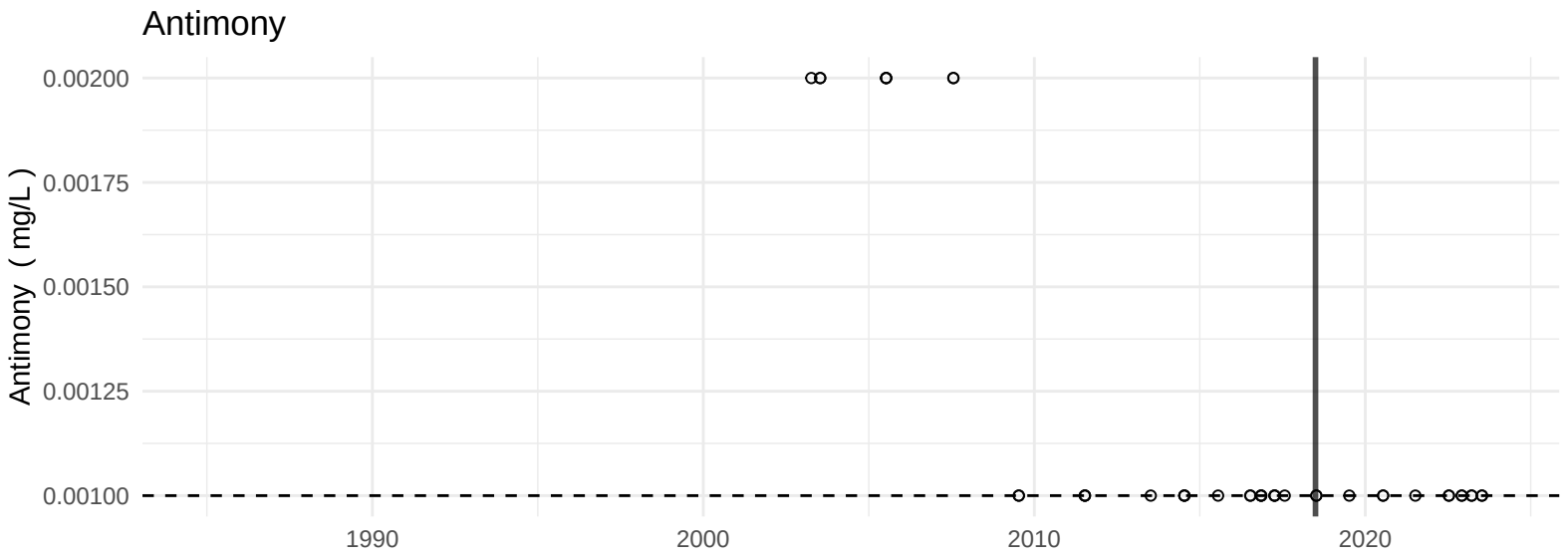
Site Background Groundwater Quality Time-Series Plots


Specific Conductance
Specific Conductance (uS/cm)
2000
1500
1000
500
0
1990
2000
2010
2020
Temperature
Temperature (C)
15
10
5
1990
2000
2010
2020
pH
pH (SU)
10
9
8
7
6
5
1990
2000
2010
2020
Start of Current Background Period
Background Level
Non−Detect

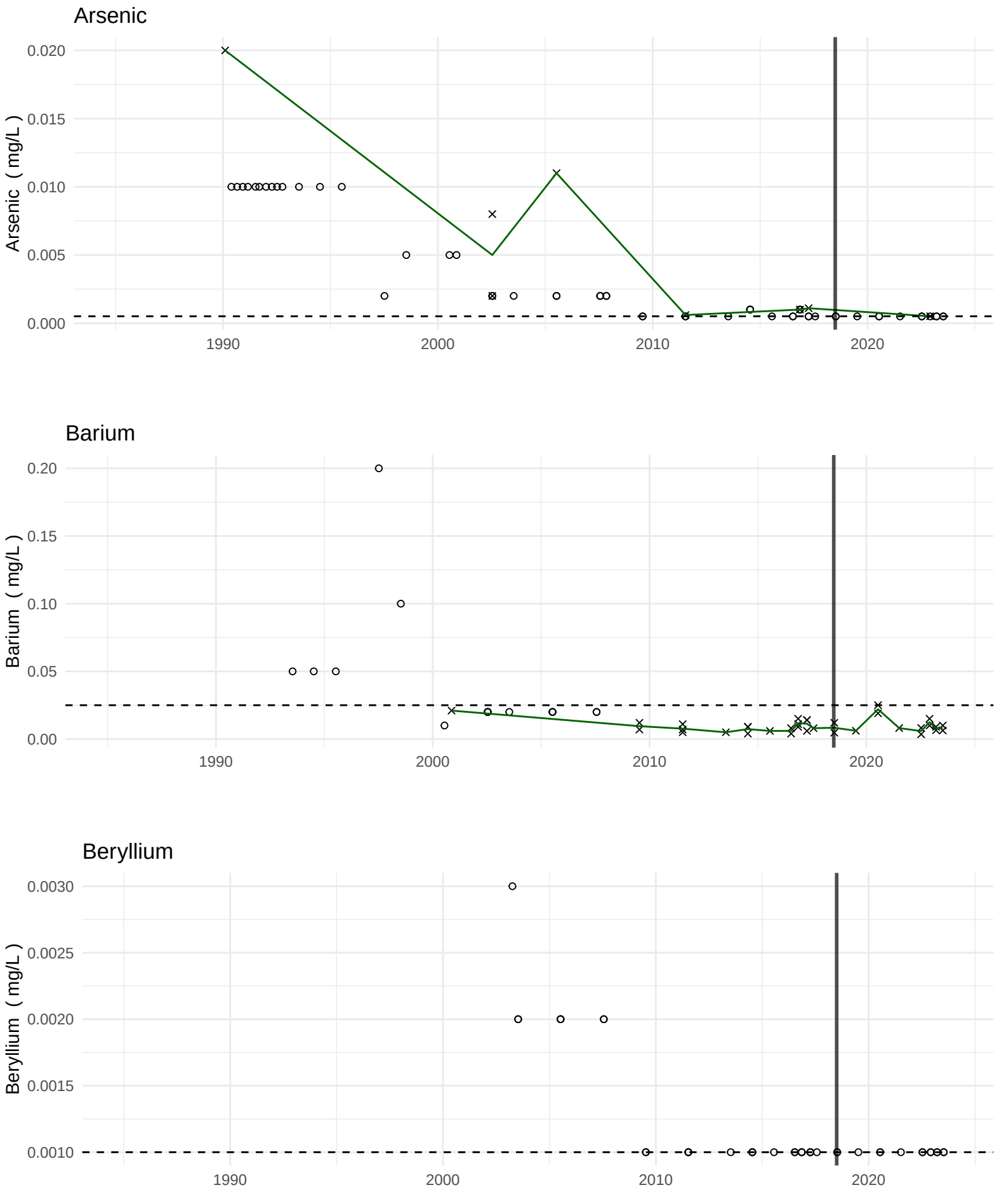

Bromide
Bromide (mg/L)
1.2
0.8
0.4
1990
2000
2010
2020
Chloride
Chloride (mg/L)
15
10
5
1990
2000
2010
2020
Nitrate
Nitrate (mg/L)
7.5
5.0
2.5
0.0
1990
2000
2010
2020
Start of Current Background Period
Background Level
Non−Detect

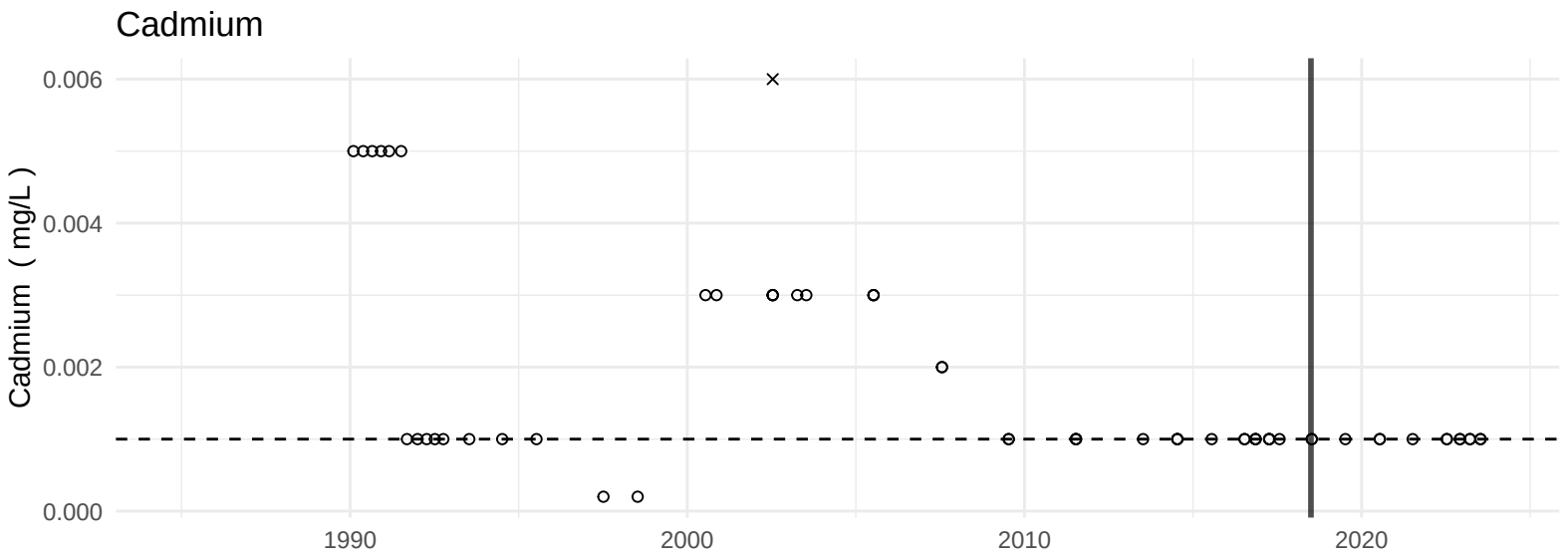


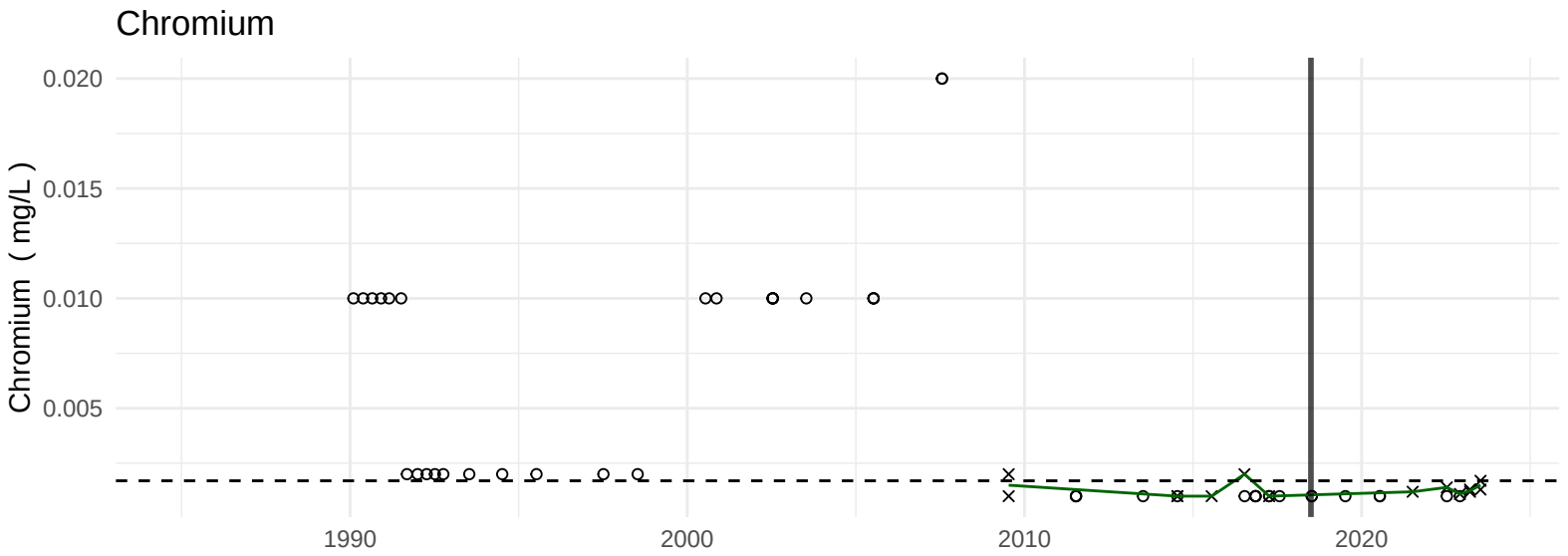


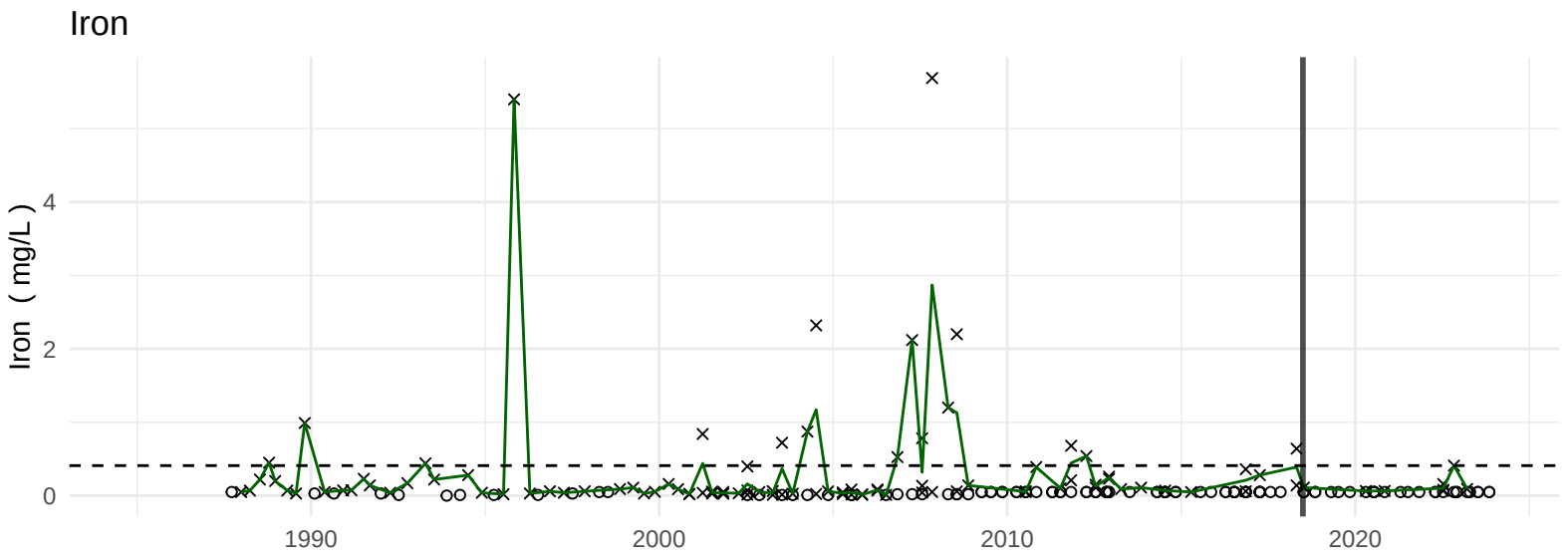


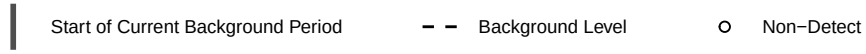
Start of Current Background Period Background Level Non−Detect

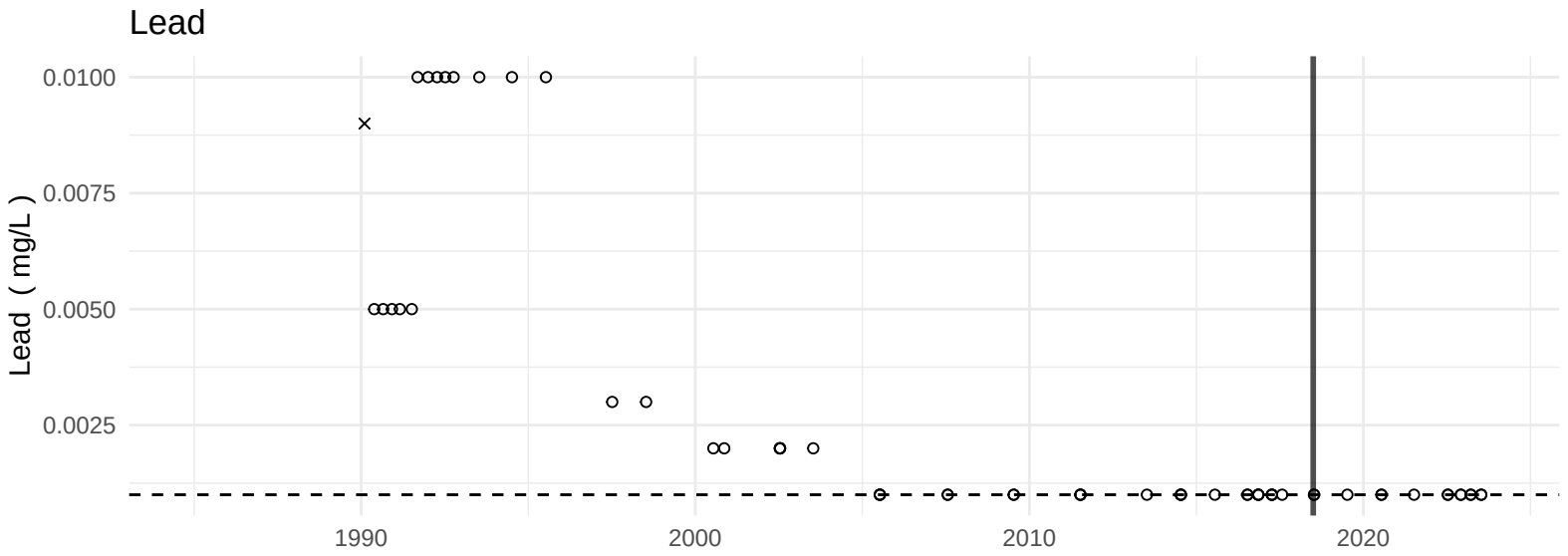

Arsenic
Arsenic (mg/L)
0.020
0.015
0.010
0.005
0.000
1990
2000
2010
2020
Barium
Barium (mg/L)
0.20
0.15
0.10
0.05
0.00
1990
2000
2010
2020
Beryllium
Beryllium (mg/L)
0.0030
0.0025
0.0020
0.0015
0.0010
1990
2000
2010
2020
Start of Current Background Period
Background Level
Non−Detect

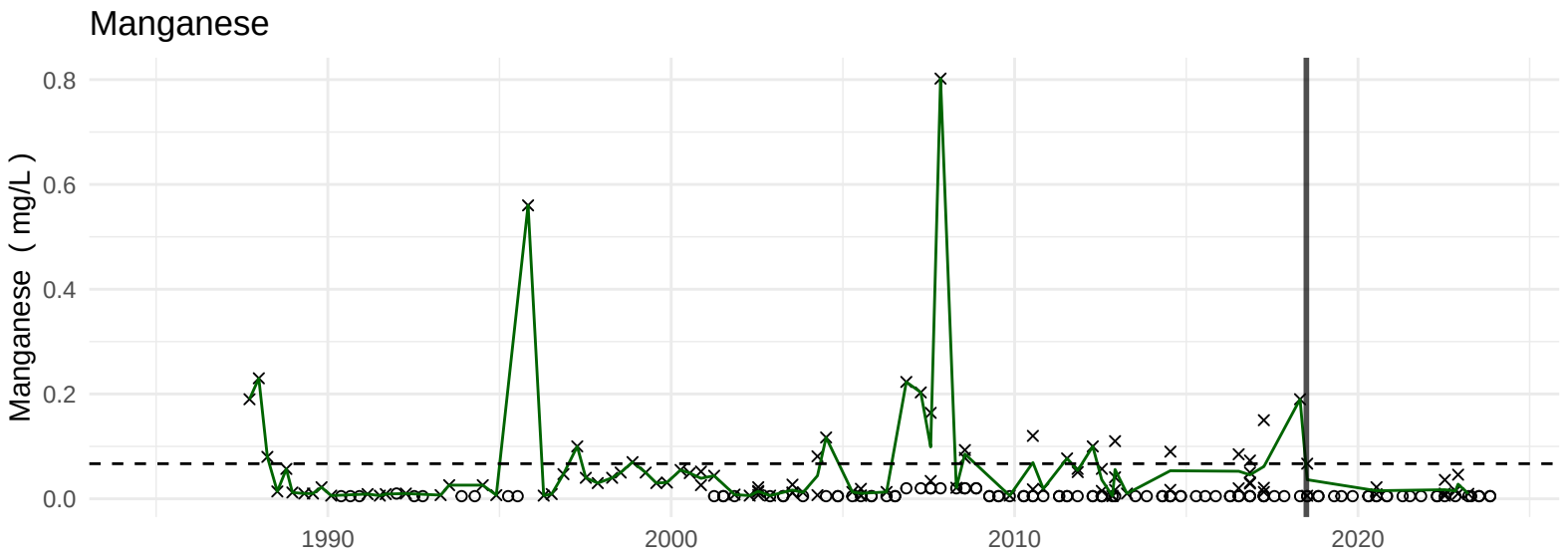

Cadmium
Cadmium (mg/L)
0.006
0.004
0.002
0.000
1990
2000
2010
2020

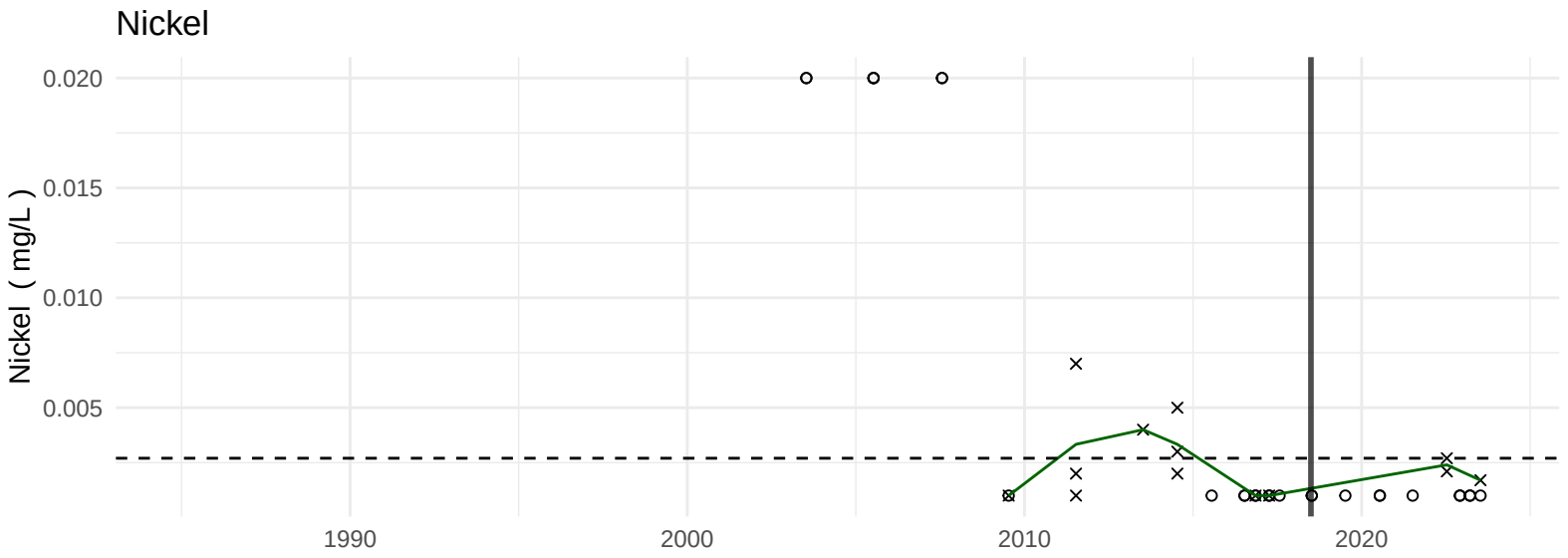

Chromium
Chromium (mg/L)
0.020
0.015
0.010
0.005
1990
2000
2010
2020

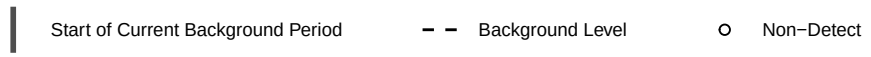

Iron
Iron (mg/L)
4
2
0
1990
2000
2010
2020

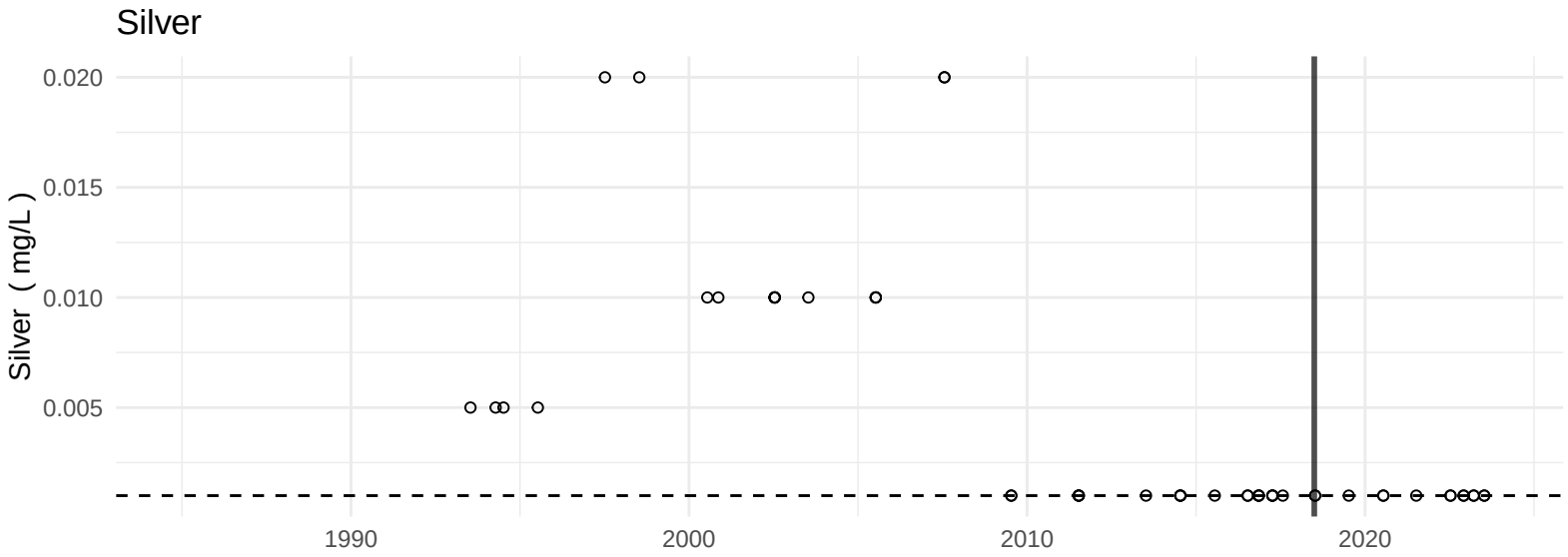

Start of Current Background Period
Background Level
Non−Detect

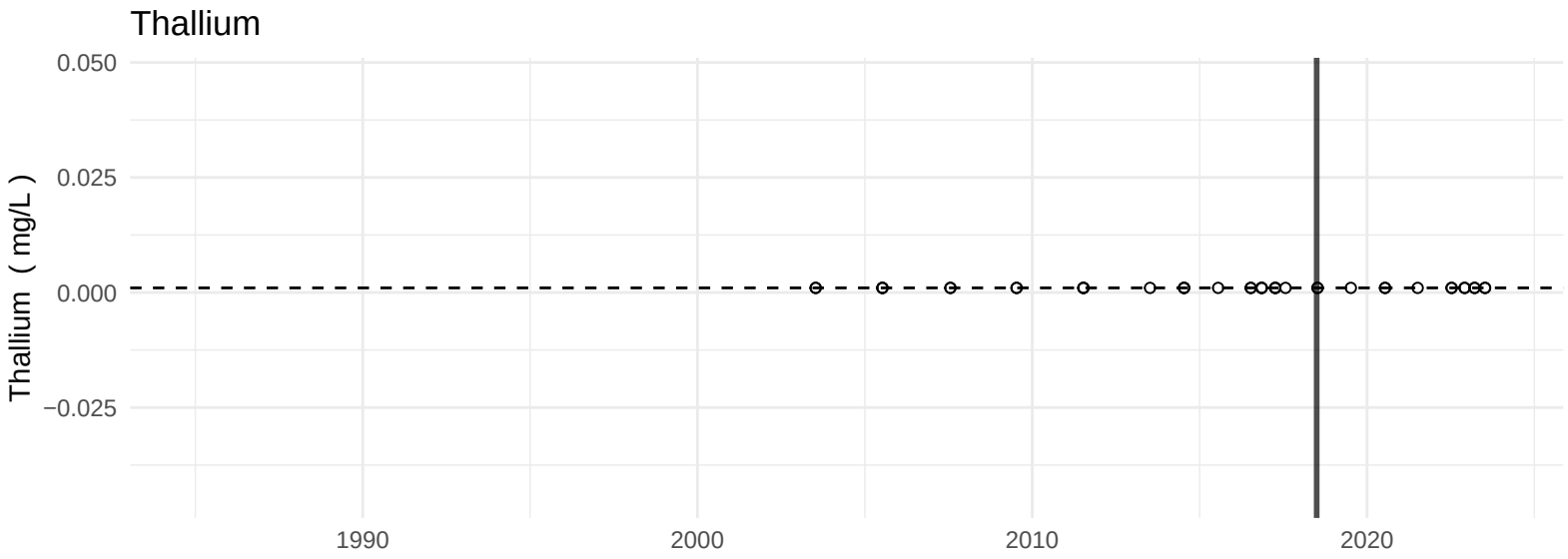

Lead
Lead (mg/L)
0.0100
0.0075
0.0050
0.0025
1990
2000
2010
2020

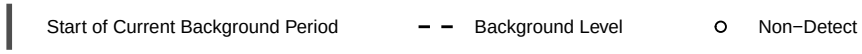

Manganese
Manganese (mg/L)
0.8
0.6
0.4
0.2
0.0
1990
2000
2010
2020


Nickel
Nickel (mg/L)
0.020
0.015
0.010
0.005
1990
2000
2010
2020


Start of Current Background Period
Background Level
Non−Detect


Silver
0.020
0.015
0.010
0.005
Silver (mg/L)
1990
2000
2010
2020


Thallium
0.050
0.025
0.000
−0.025
Thallium (mg/L)
1990
2000
2010
2020


Start of Current Background Period
Background Level
Non−Detect

Appendix A.3

Exploration Location Plan (with decommissioned locations)

File:P:\2600s\2637.10\Graphics Files\CAD\GW Mon Rpt Nov 2023\GW_Mon_Rpt_Figs Nov23wSurvey.dwg Plot Date: 12-19-23

©2023 SANBORN, HEAD & ASSOCIATES, INC.

NOTES:

1. THE AERIAL IMAGERY WAS OBTAINED FROM A JUNE 2022 PHOTOGRAPH PROVIDED BY CMA ENGINEERS, INC. THE JUNE 2022 AERIAL IMAGE WAS ORTHORECTIFIED TO DISPLAY TOGETHER WITH THE MONITORING WELL NETWORK.

2. TOPOGRAPHY INSIDE THE ACTIVE AREA WAS OBTAINED FROM AN APRIL 2022 SURVEY. OUTSIDE THE ACTIVE AREA, TOPOGRAPHY WAS OBTAINED FROM SURVEYS PERFORMED IN OCTOBER 2018 AND MAY 2021.

3. THE LIMITS OF THE GMZ ARE BASED ON AN OCTOBER 2017 PLAN PREPARED BY HORIZONS ENGINEERING, INC. ENTITLED "GROUND WATER MANAGEMENT ZONE PLAN FOR LANDS OF NORTH COUNTRY ENVIRONMENTAL SERVICES, INC. AND FOREST ACQUISITIONS, INC."

LEGEND:

- FACILITY MONITORING WELL
- HISTORICAL MONITORING WELL, PIEZOMETER, OR SOIL BORING NOT INCLUDED IN PERMIT MONITORING. WELLS WITHIN THE LIMIT OF LINED AREA ARE NO LONGER PRESENT; WELLS OUTSIDE THE LINED AREA MAY NOT LONGER BE VIABLE
- HISTORICAL SOIL BORING
- SURFACE WATER SAMPLING LOCATION
- U/S — INDICATES UPPER/SHALLOW WELL
- M — INDICATES SCREEN AT MIDDLE INTERVAL BETWEEN UPPER AND LOWER SCREENS
- D/L — INDICATES DEEP/LOWER WELL
- R — INDICATES REPLACEMENT WELL
- RIP-RAP STONE
- LIMIT OF WETLAND DELINEATION
- GROUNDWATER MANAGEMENT ZONE
- TOWN OF BETHLEHEM ZONING LINE
- PROPERTY LINE

AR-3
TIE COURSE S 70°46'29" E 844.45'
AMMONOOSUC RIVER
AR-2
AR-1
SF-1
S-109
S-108
S-101
S-1 (MAIN SEEP)
MUCHMORE ROAD
B-928U
B-928D
OUTFALL 2
TBP-1
B-304UR
B-304DR
MW-604
B-304
LAUREL LANE
B-910
LIMIT OF WETLANDS DELINEATED BY B.H. KEITH ASSOCIATES IN APRIL 1999
B-911
STORMWATER POND 4
B-919M
B-919U
B-919D
B-927M
B-927U
B-927L
B-921L
B-921M
B-921U
B-909
B-917D
B-917U
OUTFALL 1
B-918D
B-918U
B-918M
MW-803
MW-802
B-908
B-10
B-907
STAGE IV
PHASE I
B-303
B-303
BP-1
BP-1
B-920U
B-920M
B-920D
B-103S
B-103D
MW-801
TOWN DISTRICT II
TOWN DISTRICT V
STORMWATER POND 5
B-916M
B-916U
B-916D
B-915M
B-915U
B-915D
STAGE V
PHASE I
B-905
PHASE II
B-906
B-913M
B-913U
B-913L
B-302
B-4
PHASE II
B-102S
B-931L
B-931U
B-926L
B-926U
B-102D
B-914L
B-914U
TBP-4
B-1
STORMWWATER POND 6
B-301U/M/L
MW-403U/L
STAGE II
P-4
MW-402U
MW-402LR
B-205
PHASE I
B-3
B-922L
B-922U
MW-405U/L
B-305
B-204
MW-603
MW-701
APPROXIMATE EXTENT OF FORMER UNLINED LANDFILL
B-2
P-1
MW-406U/L
B-104
B-930U
B-930L
B-203
STAGE I
B-904U/L
PHASE I
P-2
P-6
STAGE III
B-202
B-206
PHASE III
PHASE II
STAGE IV
PHASE II
PHASE IV
B-903U/L
P-7
B-306
B-503
P-3
P-5
B-201
B-929U
B-929L
B-307
B-902L
MW-401
B-901UR/L
B-902U
STAGE VI
BP-2
B-925U
B-925L
B-924L
B-924U
B-923U

SANBORN HEAD

GRAPHICAL SCALE
100' 50' 0 100' 200'

DRAWN BY: E. WRIGHT
DESIGNED BY: G. PANIK
REVIEWED BY: T. WHITE
PROJECT MGR: M. ESTABROOKS
PIC: T. WHITE
DATE: DECEMBER 2023

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
BETHLEHEM, NEW HAMPSHIRE

PROJECT NUMBER: 2637.10

EXPLORATION LOCATION PLAN
(WITH DECOMMISSIONED LOCATIONS)

FIGURE NUMBER: A-1

Appendix B

Summary of Historical Monitoring Data

APPENDIX B
TABLE NOTES

Not all notes stated may apply to all tables referenced.

Tables B.1A & B.1B:

1. Sampling performed prior to November 1993 was performed and tabulated by GZA GeoEnvironmental, Inc. of Manchester, New Hampshire. Subsequent sampling and tabulation was performed by Sanborn Head.

2. Elevations are referenced to NAVD 88. To convert to old site datum subtract 6.83 feet.

3. Refer to previous annual reports for historical (generally prior to 2009) reference elevations for locations indicated with a "-".

Tables B.2 & B.3:

1. Samples through July 1993 were collected by GZA GeoEnvironmental, Inc. of Manchester, New Hampshire. Subsequent samples were collected by Sanborn Head. Dates indicated prior to 2009 are the first date of the given sampling round.

   Samples through July 1991 were analyzed by Resource Analysts, Inc. of Hampton, New Hampshire.
   Samples from September 1991 through November 1996 were analyzed by Eastern Analytical, Inc. (EAI) of Concord, New Hampshire.

   Samples from April 1997 through July 1999 were analyzed by SciTest Laboratory Services of Randolph, Vermont.

   Samples from November 1999 through December 2008 were analyzed by Endyne, Inc. (Endyne) of Williston, Vermont.

   Samples from December 2008 through current were analyzed by EAI.

   Where indicated, samples were split and analyzed by both Endyne, Inc. (Endyne) of Williston, Vermont and Eastern Analytical, Inc. (EAI) of Concord, New Hampshire.

2. A sample type of “N” indicates a normal sample. A sample type of “FD” indicates a field duplicate sample.

   A fraction of “T” indicates a total (unfiltered) metals analysis; a fraction of “D” indicates a dissolved (filtered) metals analysis; and a fraction type of “N” indicates not applicable for non-metals results.

3. Only those analytes detected one or more times are presented herein. Refer to the analytical laboratory reports for the complete list of parameters analyzed.

4. Blank cells for data collected after 2008 indicate analyte not analyzed on date indicated. Blank cells for data 2008 and older indicate sample was not analyzed for field/indicator parameters and metals, and either the sample was not submitted for laboratory analysis of volatile organic compounds (VOCs) and semi-volatile organic compound (SVOCs), or results were not reported electronically for VOCs and SVOCs. Refer to previous submittals to NHDES for 2008 and older data.

5. Groundwater elevation is presented in feet (ft), pH is presented in standard units (s.u.), specific conductance is presented in microSiemens per centimeter (µS/cm), and temperature is presented in degrees Celsius (°C). Indicator parameter and metals results are presented in milligrams per liter (mg/L) which is equivalent to parts per million. VOC and SVOC results are presented in micrograms per liter (µg/L) which is equivalent to parts per billion (ppb).

6. "<" indicates the analyte was not detected above the listed laboratory reporting limit.

7. "GW-1" refers to the New Hampshire GW-1 Groundwater Standards as defined in New Hampshire Department of Environmental Services (NHDES) Contaminated Sites Risk Characterization and Management Policy (RCMP) (January 1998, with 2000 through 2018 revisions/addenda). GW-1 Groundwater Standards are intended to be equivalent to the Ambient Groundwater Quality Standards (AGQSs) promulgated in Env-Or 600 (June 2015 with October 2016, September 2018, September 2019, May 2020, January 2021, and July 2021 amendments). For analytes where GW-1 and AGQS values differ, the values presented in this table reflect the AGQSs in the latest Env-Or 600 update. The AGQS/GW-1 Groundwater Standards are intended to be protective of groundwater as a source of drinking water.

   "SMCL" refers to the USEPA Secondary Maximum Contaminant Levels as presented in the National Primary Drinking Water Standards (May 2009). The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These analytes are not considered to present a risk to human health at the SMCL.

   "Aquatic Life Fresh" and Human Health" refers to the New Hampshire Water Quality Criteria for Toxic Substances as defined in Env-Wq 1703.21 and contained in Table 1703.1 Water Quality Criteria for Toxic Substances (December 2016). Chromium criteria are for chromium VI (on top) and chromium III (on bottom). Footnotes from Table 1703.1 which appear above:

   (b) The letter "b" shall indicate that the criteria refer to the inorganic form only.

   (c) The letter “c” shall indicate that these criteria for the protection of human health are based on carcinogenicity using a risk factor of one in 1,000,000, while the human

health criteria without this footnote are based on systemic toxicity. Other risk factors shall be allowed only as specified in Env-Wq 1703.20.

(d) The letter "d" shall indicate that criteria for these metals are expressed as a function of the water effect ratio (WER) as defined in 40 CFR 131.36(c), and that because the values displayed in Table 1703-1 correspond to a WER of 1.0, metals criteria for different WERs shall be determined using the procedures described in the EPA publication "Interim Guidance on Determination and Use of Water-Effect Ratios for Metals", EPA-823-B-94-001, dated February 1994, available as noted in Appendix B, provided that for copper, either of the following references, both available as noted in Appendix B, may be used:

(1) The "Streamlined Water-Effect Ratio procedure for Discharges of Copper", EPA-822-R-01-005, dated March 2001; or

(2) The Biotic Ligand Model (freshwater only) as described in "Aquatic Life Ambient Freshwater Quality Criteria - Copper", EPA-822-R-07-001, dated February 2007.

(f) The letter "f" shall indicate that the freshwater aquatic criteria for these metals are expressed as a function of the total hardness, as mg/l CaCO3 of the surface water, and that because the values displayed in Table 1703-1 correspond to a total hardness of 20 mg/l the aquatic life criteria for other hardness values expressed as calcium carbonate shall be calculated using the equations and tables in Env-Wq 1703.23 and Env-Wq 1703.24.

(i) The letter "i" shall indicate that the values presented for aquatic life protection are dissolved metals and for hardness-dependent metals are based on a hardness of 20 mg/L. To convert dissolved to total recoverable metal, the equations and tables in Env-Wq 1703.23 shall be used. To calculate dissolved or total recoverable fresh water criteria for hardness-dependent metals for hardness values other than 20 mg/l, the equations and tables shown in Env-Wq 1703.23 and Env-Wq 1703.24 shall be used. Application to total metals is for comparison only.

(j) The letter "j" shall indicate that these human health criteria prevent taste and odor effects in the surface water and in fish and other aquatic life as prohibited in Env-Wq 1703.03(c)(1)c. and (3).

(l) The letter "l" shall indicate that there is a more stringent drinking water maximum contaminant level (MCL) specified in Env-Dw 700, so if the surface water is a source for a public water system as defined in RSA 485:1-a, XV or is within 20 miles upstream of any active surface water intake for a public water system, the department shall use the MCL values shown in table 1703-2A for the water and fish ingestion human health criteria.

8. **Bold** values exceed the GW-1 Groundwater Standard.
Italic values exceed the SMCL (Table B.2).
Italic values exceed one or more of the New Hampshire Water Quality Criteria (Table B.3).

Appendix B.1

Groundwater Elevations

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-103S	06-11-87	–	TOC	37.40	1305.03
B-103S	09-21-87	–	TOC	37.50	1304.93
B-103S	12-29-87	–	TOC	37.40	1305.03
B-103S	03-29-88	–	TOC	37.80	1304.63
B-103S	07-13-88	–	TPVC	37.10	–
B-103S	10-17-88	–	TOC	37.90	1304.53
B-103S	12-20-88	–	TPVC	37.60	–
B-103S	04-26-89	–	TPVC	37.00	–
B-103S	07-27-89	–	TPVC	38.00	–
B-103S	10-26-89	–	TPVC	38.30	–
B-103S	02-06-90	–	TPVC	38.07	–
B-103S	05-23-90	–	TOC	38.18	1304.25
B-103S	08-29-90	–	TOC	37.30	1305.13
B-103S	12-03-90	–	TPVC	36.41	–
B-103S	02-28-91	–	TOC	36.60	1305.83
B-103S	07-08-91	–	TPVC	35.50	–
B-103S	09-09-91	–	TOC	35.90	1306.53
B-103S	01-02-92	–	TOC	36.40	1306.03
B-103S	04-10-92	–	TPVC	35.10	–
B-103S	07-08-92	–	TPVC	35.80	–
B-103S	10-07-92	–	TPVC	36.52	–
B-103S	04-15-93	–	TPVC	36.60	–
B-103S	11-24-93	–	TOC	38.50	1303.93
B-103S	04-13-94	–	TOC	36.50	1305.93
B-103S	07-07-94	–	TOC	37.70	1304.73
B-103S	11-28-94	–	TOC	38.00	1304.43
B-103S	04-03-95	–	TOC	37.90	1304.53
B-103S	06-12-95	–	TOC	38.50	1303.93
B-103S	07-13-95	–	TOC	38.60	1303.83
B-103S	11-14-95	–	TOC	38.08	1304.35
B-103S	11-27-95	–	TOC	37.78	1304.65
B-103S	04-15-96	–	TOC	37.68	1304.75
B-103S	07-09-96	–	TOC	36.08	1306.35
B-103S	11-11-96	–	TOC	35.28	1307.15
B-103S	04-07-97	–	TOC	35.48	1306.95
B-103S	07-07-97	–	TOC	35.49	1306.94
B-103S	11-11-97	–	TOC	36.11	1306.32
B-103S	04-13-98	–	TOC	36.14	1306.29
B-103S	07-13-98	–	TOC	36.58	1305.85
B-103S	11-16-98	–	TOC	37.11	1305.32
B-103S	04-05-99	–	TOC	40.12	1302.31
B-103S	07-27-99	–	TOC	37.25	1305.20
B-103S	11-17-99	–	TOC	41.63	1304.72
B-103S	04-10-00	–	TOC	40.31	1302.12
B-103S	07-17-00	–	TOC	40.29	1302.14
B-103S	11-13-00	–	TOC	40.71	1305.64
B-103S	04-02-01	–	TOC	41.62	1304.73
B-103S	07-09-01	–	TOC	41.80	1304.55
B-103S	11-05-01	–	TOC	42.70	1303.65
B-103S	04-15-02	–	TOC	43.05	1303.30
B-103S	07-15-02	–	TOC	42.88	1303.47
B-103S	11-18-02	–	TOC	42.88	1303.47
B-103S	04-07-03	–	TOC	43.43	1302.92
B-103S	07-14-03	–	TOC	43.35	1299.08
B-103S	11-03-03	–	TOC	43.26	1303.09
B-103S	04-05-04	–	TPVC	41.86	1304.49
B-103S	07-06-04	–	TPVC	46.92	–
B-103S	11-08-04	–	TOC	52.37	1293.98
B-103S	04-11-05	–	TOC	52.86	1304.91
B-103S	07-11-05	–	TOC	52.30	1305.47
B-103S	11-01-05	–	TOC	52.11	1294.24

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-103S	04-10-06	–	TOC	51.02	1306.75
B-103S	07-10-06	–	TOC	50.81	1306.96
B-103S	11-06-06	–	TOC	50.83	1306.94
B-103S	04-09-07	1357.64	TPVC	51.10	1306.54
B-103S	07-23-07	1357.64	TPVC	51.05	1306.59
B-103S	11-05-07	1357.64	TPVC	51.65	1305.99
B-103S	04-21-08	1357.64	TPVC	52.14	1305.50
B-103S	07-21-08	1357.64	TPVC	52.18	1305.46
B-103S	11-18-08	1357.64	TPVC	51.38	1306.26
B-103D	06-11-87	–	TOC	38.60	1303.63
B-103D	09-21-87	–	TOC	38.90	1303.33
B-103D	12-29-87	–	TOC	38.80	1303.43
B-103D	03-29-88	–	TOC	39.00	1303.23
B-103D	07-13-88	–	TPVC	37.50	–
B-103D	10-17-88	–	TOC	39.00	1303.23
B-103D	12-20-88	–	TPVC	38.70	–
B-103D	04-26-89	–	TPVC	38.50	–
B-103D	07-27-89	–	TPVC	39.00	–
B-103D	10-26-89	–	TPVC	39.30	–
B-103D	02-06-90	–	TPVC	39.16	–
B-103D	05-23-90	–	TOC	39.30	1302.93
B-103D	08-29-90	–	TOC	38.55	1303.68
B-103D	12-03-90	–	TPVC	37.31	–
B-103D	02-28-91	–	TOC	37.60	1304.63
B-103D	07-08-91	–	TPVC	36.70	–
B-103D	09-09-91	–	TOC	37.20	1305.03
B-103D	01-02-92	–	TOC	37.60	1304.63
B-103D	04-10-92	–	TPVC	36.50	–
B-103D	07-08-92	–	TOC	37.40	1304.83
B-103D	10-07-92	–	TOC	38.10	1304.13
B-103D	04-15-93	–	TPVC	37.80	–
B-103D	11-24-93	–	TOC	39.50	1302.73
B-103D	04-13-94	–	TOC	37.80	1304.43
B-103D	07-07-94	–	TOC	38.70	1303.53
B-103D	11-28-94	–	TOC	39.10	1303.13
B-103D	04-03-95	–	TOC	39.00	1303.23
B-103D	06-12-95	–	TOC	39.50	1302.73
B-103D	07-13-95	–	TOC	39.70	1302.53
B-103D	11-14-95	–	TOC	39.42	1302.81
B-103D	11-27-95	–	TOC	38.43	1303.80
B-103D	04-15-96	–	TOC	38.61	1303.62
B-103D	07-09-96	–	TOC	37.11	1305.12
B-103D	11-11-96	–	TOC	36.25	1305.98
B-103D	04-07-97	–	TOC	36.48	1305.75
B-103D	07-07-97	–	TOC	36.45	1305.78
B-103D	11-11-97	–	TOC	37.00	1305.23
B-103D	04-13-98	–	TOC	37.16	1305.07
B-103D	07-13-98	–	TOC	37.41	1304.82
B-103D	11-16-98	–	TOC	37.90	1308.80
B-103D	04-05-99	–	TOC	42.53	1304.17
B-103D	07-27-99	–	TOC	37.89	1308.81
B-103D	11-17-99	–	TOC	42.39	1304.31
B-103D	04-10-00	–	TOC	41.64	1305.06
B-103D	07-17-00	–	TOC	40.97	1305.73
B-103D	11-13-00	–	TOC	41.50	1305.20
B-103D	04-02-01	–	TOC	42.43	1304.27
B-103D	07-09-01	–	TOC	42.67	1304.03
B-103D	11-05-01	–	TOC	42.58	1304.12
B-103D	04-15-02	–	TOC	43.84	1302.86
B-103D	07-15-02	–	TOC	43.55	1303.15

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-103D	11-18-02	–	TOC	43.55	1303.15
B-103D	04-07-03	–	TOC	44.06	1302.64
B-103D	07-14-03	–	TOC	43.98	1298.98
B-103D	11-03-03	–	TOC	47.60	1299.10
B-103D	04-05-04	–	TPVC	42.42	1304.28
B-103D	07-06-04	–	TPVC	44.58	–
B-103D	11-08-04	–	TOC	53.80	1292.90
B-103D	04-11-05	–	TOC	53.52	1305.15
B-103D	07-11-05	–	TOC	53.71	1304.96
B-103D	11-01-05	–	TOC	53.52	1293.18
B-103D	04-10-06	–	TOC	52.50	1306.17
B-103D	07-10-06	–	TOC	52.23	1306.44
B-103D	11-06-06	–	TOC	52.31	1306.36
B-103D	04-09-07	1358.60	TPVC	52.65	1305.95
B-103D	07-23-07	1358.60	TPVC	52.52	1306.08
B-103D	11-05-07	1358.60	TPVC	53.30	1305.30
B-103D	04-21-08	1358.60	TPVC	53.78	1304.82
B-103D	07-21-08	1358.60	TPVC	53.67	1304.93
B-103D	11-18-08	1358.60	TPVC	52.88	1305.72
B-304UR	04-10-06	1338.44	TPVC	44.54	1293.90
B-304UR	07-10-06	1338.44	TPVC	47.19	1291.25
B-304UR	11-06-06	1338.44	TPVC	47.78	1290.66
B-304UR	04-09-07	1338.44	TPVC	48.23	1290.21
B-304UR	07-23-07	1338.44	TPVC	47.70	1290.74
B-304UR	11-05-07	1338.44	TPVC	49.75	1288.69
B-304UR	04-21-08	1338.44	TPVC	48.82	1289.62
B-304UR	07-21-08	1338.44	TPVC	48.66	1289.78
B-304UR	11-18-08	1338.44	TPVC	48.10	1290.34
B-304UR	12-10-08	1338.44	TPVC	47.98	1290.46
B-304DR	04-10-06	1338.37	TPVC	46.94	1291.43
B-304DR	07-10-06	1338.37	TPVC	46.59	1291.78
B-304DR	11-06-06	1338.37	TPVC	47.08	1291.29
B-304DR	04-09-07	1338.37	TPVC	47.35	1291.02
B-304DR	07-23-07	1338.37	TPVC	46.96	1291.41
B-304DR	11-05-07	1338.37	TPVC	48.44	1289.93
B-304DR	04-21-08	1338.37	TPVC	48.07	1290.30
B-304DR	07-21-08	1338.37	TPVC	48.04	1290.33
B-304DR	11-18-08	1338.37	TPVC	47.27	1291.10
MW-604	06-12-95	–	TPVC	28.20	1291.63
MW-604	07-09-96	–	TPVC	38.59	1281.24
MW-604	07-07-97	–	TPVC	39.04	1280.79
MW-604	07-13-98	–	TPVC	39.03	1280.80
MW-604	07-27-99	–	TPVC	39.78	1280.10
MW-604	07-17-00	–	TPVC	38.38	1281.45
MW-604	07-09-01	–	TPVC	38.95	1274.05
MW-604	07-15-02	–	TPVC	39.90	1279.93
MW-604	07-14-03	–	TPVC	41.75	1278.08
MW-604	07-06-04	–	TPVC	39.98	1279.85
MW-604	07-11-05	–	TPVC	39.97	1279.86
MW-604	11-01-05	–	TPVC	39.90	1273.10
MW-604	04-10-06	1319.83	TPVC	40.12	1279.71
MW-604	07-10-06	1319.83	TPVC	39.21	1280.62
MW-604	07-23-07	1319.83	TPVC	40.00	1279.83
MW-604	11-05-07	1319.83	TPVC	40.34	1279.49
MW-604	04-21-08	1319.83	TPVC	40.10	1279.73
MW-604	07-21-08	1319.83	TPVC	38.79	1281.04
MW-701	04-07-97	1331.63	TPVC	14.81	1316.82

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-701	06-11-97	1331.63	TPVC	13.56	1318.07
MW-701	07-07-97	1331.63	TPVC	13.69	1317.94
MW-701	11-11-97	1331.63	TPVC	16.02	1315.61
MW-701	04-13-98	1331.63	TPVC	12.67	1318.96
MW-701	07-13-98	1331.63	TPVC	12.61	1319.02
MW-701	11-16-98	1331.63	TPVC	15.41	1316.22
MW-701	04-05-99	1331.63	TPVC	12.71	1318.92
MW-701	07-27-99	1331.63	TPVC	15.77	1315.86
MW-701	11-17-99	1331.63	TPVC	13.80	1317.83
MW-701	04-10-00	1331.63	TPVC	10.81	1320.82
MW-701	07-17-00	1331.63	TPVC	14.01	1317.62
MW-701	11-13-00	1331.63	TPVC	15.49	1316.14
MW-701	04-02-01	1331.63	TPVC	16.15	1315.48
MW-701	07-09-01	1331.63	TPVC	15.88	1315.75
MW-701	11-05-01	1331.63	TPVC	19.00	1312.63
MW-701	04-15-02	1331.63	TPVC	11.90	1319.73
MW-701	07-15-02	1331.63	TPVC	13.65	1317.98
MW-701	11-18-02	1331.63	TPVC	15.77	1315.86
MW-701	04-07-03	1331.63	TPVC	14.75	1316.88
MW-701	07-14-03	1331.63	TPVC	15.98	1315.65
MW-701	11-03-03	1331.63	TPVC	13.10	1318.53
MW-701	04-05-04	1331.63	TPVC	12.94	1318.69
MW-701	07-06-04	1331.63	TPVC	14.58	1317.05
MW-701	11-08-04	1331.63	TPVC	15.62	1316.01
MW-701	04-11-05	1331.63	TPVC	13.76	1317.87
MW-701	07-11-05	1331.63	TPVC	14.61	1317.02
MW-701	11-01-05	1331.63	TPVC	11.92	1319.71
MW-701	04-10-06	1331.63	TPVC	12.40	1319.23
MW-701	07-10-06	1331.63	TPVC	11.97	1319.66
MW-701	11-06-06	1331.63	TPVC	12.60	1319.03
MW-701	04-09-07	1331.63	TPVC	12.47	1319.16
MW-701	07-23-07	1331.63	TPVC	13.64	1317.99
MW-701	11-05-07	1331.63	TPVC	15.89	1315.74
MW-701	04-21-08	1331.63	TPVC	12.44	1319.19
MW-701	07-21-08	1331.63	TPVC	14.03	1317.60
MW-701	11-18-08	1331.63	TPVC	13.05	1318.58
MW-802	11-16-98	–	TPVC	40.99	1305.05
MW-802	04-05-99	–	TPVC	40.72	1305.32
MW-802	07-27-99	–	TPVC	41.13	1304.90
MW-802	11-17-99	–	TPVC	41.13	1299.93
MW-802	07-17-00	–	TPVC	39.99	1306.05
MW-802	04-02-01	–	TPVC	40.46	1305.58
MW-802	07-09-01	–	TPVC	41.46	1304.58
MW-802	11-05-01	–	TPVC	42.47	1303.57
MW-802	04-15-02	–	TPVC	43.00	1303.04
MW-802	07-15-02	–	TPVC	42.43	1303.61
MW-802	11-18-02	–	TPVC	42.65	1303.39
MW-802	04-07-03	–	TPVC	43.23	1302.81
MW-802	07-14-03	–	TPVC	43.05	1302.99
MW-802	11-03-03	–	TPVC	42.88	1303.16
MW-802	04-05-04	–	TPVC	41.61	1304.43
MW-802	07-06-04	–	TPVC	57.36	1288.68
MW-802	11-08-04	–	TPVC	54.14	1291.90
MW-802	04-11-05	–	TPVC	54.20	1304.66
MW-802	07-11-05	–	TPVC	54.16	1304.70
MW-802	11-01-05	–	TPVC	53.95	1292.09
MW-802	04-10-06	–	TPVC	52.53	1293.51
MW-802	07-10-06	–	TPVC	52.49	1306.37
MW-802	11-06-06	–	TPVC	52.72	1306.14
MW-802	04-09-07	1359.05	TPVC	52.93	1306.12

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-802	07-23-07	1359.05	TPVC	52.86	1306.19
MW-802	11-05-07	1359.05	TPVC	53.45	1305.60
MW-802	04-21-08	1350.55	TPVC	45.39	1305.16
MW-802	07-21-08	1350.55	TPVC	45.39	1305.16
MW-802	11-18-08	1350.55	TPVC	44.55	1306.00
MW-803	11-16-98	–	TPVC	41.58	1304.80
MW-803	04-05-99	–	TPVC	41.32	1305.06
MW-803	07-27-99	–	TPVC	41.72	1304.70
MW-803	11-17-99	–	TPVC	41.85	1299.21
MW-803	04-10-00	1346.38	TPVC	41.00	1305.38
MW-803	07-17-00	1346.38	TPVC	40.31	1306.07
MW-803	04-02-01	1346.38	TPVC	41.73	1304.65
MW-803	07-09-01	1346.38	TPVC	41.82	1304.56
MW-803	11-05-01	1346.38	TPVC	42.80	1303.58
MW-803	04-15-02	1346.38	TPVC	43.33	1303.05
MW-803	07-15-02	1346.38	TPVC	42.87	1303.51
MW-803	11-18-02	1346.38	TPVC	43.15	1303.23
MW-803	04-07-03	1346.38	TPVC	43.53	1302.85
MW-803	07-14-03	1346.38	TPVC	43.40	1302.98
MW-803	11-03-03	1346.38	TPVC	43.30	1303.08
MW-803	04-05-04	1346.38	TPVC	41.96	1304.42
MW-803	07-06-04	1346.38	TPVC	41.39	1304.99
MW-803	11-08-04	1346.38	TPVC	41.41	1304.97
MW-803	04-11-05	1346.38	TPVC	41.13	1305.25
MW-803	07-11-05	1346.38	TPVC	41.43	1304.95
MW-803	11-01-05	1346.38	TPVC	41.24	1305.14
MW-803	04-10-06	1346.38	TPVC	39.83	1306.55
MW-803	07-10-06	1346.38	TPVC	39.79	1306.59
MW-803	11-06-06	1346.38	TPVC	40.02	1306.36
MW-803	04-09-07	1346.38	TPVC	40.25	1306.13
MW-803	07-23-07	1346.38	TPVC	40.17	1306.21
MW-803	11-05-07	1346.38	TPVC	40.72	1305.66
MW-803	04-21-08	1346.38	TPVC	41.32	1305.06
MW-803	07-21-08	1346.38	TPVC	41.31	1305.07
MW-803	11-18-08	1346.38	TPVC	40.55	1305.83
B-915U	08-08-01	1338.20	TPVC	32.82	1305.38
B-915U	08-30-01	1338.20	TPVC	33.61	1304.59
B-915U	09-11-01	1338.20	TPVC	34.19	1304.01
B-915M	08-08-01	1338.09	TPVC	37.03	1301.06
B-915M	08-30-01	1338.09	TPVC	37.50	1300.59
B-915M	09-11-01	1338.09	TPVC	37.64	1300.45
B-915D	08-08-01	1338.16	TPVC	37.01	1301.15
B-915D	08-30-01	1338.16	TPVC	37.44	1300.72
B-915D	09-11-01	1338.16	TPVC	37.56	1300.60
B-916U	08-08-01	1323.76	TPVC	19.89	1303.87
B-916U	08-30-01	1323.76	TPVC	21.11	1302.65
B-916U	09-11-01	1323.76	TPVC	21.72	1302.04
B-916M	08-08-01	1323.91	TPVC	41.42	1282.49
B-916M	08-30-01	1323.91	TPVC	43.95	1279.96
B-916M	09-11-01	1323.91	TPVC	43.02	1280.89
B-916D	08-08-01	1323.99	TPVC	41.45	1282.54
B-916D	08-30-01	1323.99	TPVC	55.14	1268.85
B-916D	09-11-01	1323.99	TPVC	55.20	1268.79

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-917U	08-08-01	1325.14	TPVC	31.06	1294.08
B-917U	08-30-01	1325.14	TPVC	32.06	1293.08
B-917U	09-11-01	1325.14	TPVC	33.25	1291.89
B-909	08-08-01	1325.50	TPVC	33.25	1292.25
B-909	08-30-01	1325.50	TPVC	33.79	1291.71
B-909	09-11-01	1325.50	TPVC	33.98	1291.52
B-917D	08-08-01	1325.36	TPVC	30.92	1294.44
B-917D	08-30-01	1325.36	TPVC	31.61	1293.75
B-917D	09-11-01	1325.36	TPVC	31.73	1293.63
B-918U	08-08-01	1329.90	TPVC	24.15	1305.75
B-918U	08-30-01	1329.90	TPVC	24.57	1305.33
B-918U	09-11-01	1329.90	TPVC	24.81	1305.09
B-918M	08-08-01	1330.32	TPVC	24.74	1305.58
B-918M	08-30-01	1330.32	TPVC	24.97	1305.35
B-918M	09-11-01	1330.32	TPVC	25.17	1305.15
B-918M	01-07-20	1330.23	TPVC	25.79	1304.44
B-918D	08-08-01	1329.89	TPVC	35.00	1294.89
B-918D	08-30-01	1329.89	TPVC	35.31	1294.58
B-918D	09-11-01	1329.89	TPVC	35.40	1294.49
B-919U	09-11-01	1344.27	TPVC	40.71	1303.56
B-919U	11-06-06	1344.27	TPVC	38.07	1306.20
B-919U	04-09-07	1344.27	TPVC	38.54	1305.73
B-919U	07-23-07	1344.27	TPVC	38.22	1306.05
B-919U	11-05-07	1344.27	TPVC	39.05	1305.22
B-919U	04-21-08	1344.27	TPVC	39.30	1304.97
B-919U	07-21-08	1344.27	TPVC	39.22	1305.05
B-919U	11-18-08	1344.27	TPVC	38.39	1305.88
B-919M	09-11-01	1344.06	TPVC	52.35	1291.71
B-919M	11-06-06	1344.06	TPVC	48.98	1295.08
B-919M	04-09-07	1344.06	TPVC	49.29	1294.77
B-919M	07-23-07	1344.06	TPVC	48.98	1295.08
B-919M	11-05-07	1344.06	TPVC	49.94	1294.12
B-919M	04-21-08	1344.06	TPVC	49.92	1294.14
B-919M	07-21-08	1344.06	TPVC	49.63	1294.43
B-919M	11-18-08	1344.06	TPVC	49.09	1294.97
B-919D	09-11-01	1345.14	TPVC	53.53	1291.61
B-919D	11-06-06	1345.14	TPVC	50.55	1294.59
B-919D	04-09-07	1345.14	TPVC	51.00	1294.14
B-919D	07-23-07	1345.14	TPVC	50.83	1294.31
B-919D	11-05-07	1345.14	TPVC	51.60	1293.54
B-919D	04-21-08	1342.35	Ground	49.00	1293.35
B-919D	07-21-08	1344.13	TPVC	50.25	1293.88
B-919D	11-18-08	1344.13	TPVC	49.50	1294.63

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-103S	04-07-2009	1357.64	TPVC	50.97	1306.67
B-103S	07-14-2009	1357.64	TPVC	50.88	1306.76
B-103S	11-09-2009	1357.64	TPVC	51.06	1306.58
B-103S	02-15-2010	1357.64	TPVC	51.39	1306.25
B-103S	03-10-2010	1357.64	TPVC	51.47	1306.17
B-103S	04-08-2010	1357.64	TPVC	51.77	1305.87
B-103S	05-26-2010	1357.64	TPVC	50.98	1306.66
B-103S	06-16-2010	1357.64	TPVC	50.98	1306.66
B-103S	07-12-2010	1357.64	TPVC	50.93	1306.71
B-103S	08-10-2010	1357.64	TPVC	50.71	1306.93
B-103S	09-08-2010	1357.64	TPVC	50.80	1306.84
B-103S	10-05-2010	1357.64	TPVC	50.63	1307.01
B-103S	11-01-2010	1357.64	TPVC	50.78	1306.86
B-103S	12-03-2010	1357.64	TPVC	50.75	1306.89
B-103S	01-14-2011	1357.64	TPVC	50.74	1306.90
B-103S	02-17-2011	1357.64	TPVC	50.85	1306.79
B-103S	03-10-2011	1357.64	TPVC	50.86	1306.78
B-103S	04-18-2011	1357.64	TPVC	49.32	1308.32
B-103S	07-13-2011	1357.64	TPVC	50.10	1307.54
B-103S	11-02-2011	1357.64	TPVC	50.91	1306.73
B-103S	04-10-2012	1357.64	TPVC	52.15	1305.49
B-103S	07-16-2012	1357.64	TPVC	52.38	1305.26
B-103S	11-06-2012	1357.64	TPVC	52.71	1304.93
B-103S	04-10-2013	1357.64	TPVC	53.15	1304.49
B-103S	07-08-2013	1357.64	TPVC	52.57	1305.07
B-103S	11-07-2013	1357.64	TPVC	52.21	1305.43
B-103S	04-22-2014	1357.64	TPVC	51.68	1305.96
B-103S	07-14-2014	1357.64	TPVC	52.12	1305.52
B-103S	11-04-2014	1357.64	TPVC	52.54	1305.10
B-103S	04-13-2015	1357.64	TPVC	53.02	1304.62
B-103S	07-21-2015	1357.64	TPVC	52.98	1304.66
B-103S	11-10-2015	1357.64	TPVC	53.38	1304.26
B-103S	04-11-2016	1357.64	TPVC	53.55	1304.09
B-103S	07-11-2016	1357.64	TPVC	54.84	1302.80
B-103S	11-07-2016	1357.64	TPVC	53.97	1303.67
B-103S	04-04-2017	1357.64	TPVC	53.90	1303.74
B-103S	07-25-2017	1357.64	TPVC	53.53	1304.11
B-103S	11-08-2017	1357.64	TPVC	53.37	1304.27
B-103S	04-24-2018	1357.64	TPVC	53.33	1304.31
B-103S	07-11-2018	1357.64	TPVC	53.48	1304.16
B-103S	11-05-2018	1357.64	TPVC	53.85	1303.79
B-103S	04-23-2019	1357.64	TPVC	53.31	1304.33
B-103S	07-08-2019	1357.64	TPVC	53.33	1304.31
B-103S	11-05-2019	1357.64	TPVC	53.04	1304.60
B-103S	04-21-2020	1357.64	TPVC	52.61	1305.03
B-103S	07-15-2020	1357.64	TPVC	52.97	1304.67
B-103S	11-03-2020	1357.64	TPVC	53.24	1304.40
B-103S	04-20-2021	1357.64	TPVC	53.36	1304.28
B-103S	07-05-2021	1357.64	TPVC	53.79	1303.85
B-103S	09-29-2021	1357.64	TPVC	54.07	1303.57
B-103S	11-01-2021	1357.64	TPVC	54.27	1303.37
B-103S	02-22-2022	1357.64	TPVC	54.31	1303.33
B-103S	04-18-2022	1357.64	TPVC	54.18	1303.46
B-103S	04-20-2022	1357.64	TPVC	54.21	1303.43
B-103S	06-08-2022	1357.64	TPVC	54.34	1303.30
B-103S	07-11-2022	1357.64	TPVC	54.49	1303.15
B-103S	11-01-2022	1357.64	TPVC	54.79	1302.85
B-103S	04-18-2023	1357.64	TPVC	54.26	1303.38
B-103S	07-10-2023	1357.64	TPVC	53.98	1303.66
B-103S	11-08-2023	1357.64	TPVC	53.39	1304.25
B-103D	07-14-2009	1358.60	TPVC	52.39	1306.21
B-103D	11-09-2009	1358.60	TPVC	52.58	1306.02
B-103D	02-15-2010	1358.60	TPVC	53.06	1305.54
B-103D	03-10-2010	1358.60	TPVC	53.12	1305.48
B-103D	04-08-2010	1358.60	TPVC	52.77	1305.83
B-103D	05-26-2010	1358.60	TPVC	52.49	1306.11
B-103D	06-16-2010	1358.60	TPVC	52.49	1306.11
B-103D	07-12-2010	1358.60	TPVC	52.46	1306.14
B-103D	08-10-2010	1358.60	TPVC	52.26	1306.34
B-103D	09-08-2010	1358.60	TPVC	52.33	1306.27
B-103D	10-05-2010	1358.60	TPVC	52.25	1306.35
B-103D	11-01-2010	1358.60	TPVC	52.37	1306.23
B-103D	12-03-2010	1358.60	TPVC	52.29	1306.31
B-103D	01-14-2011	1358.60	TPVC	52.29	1306.31
B-103D	02-17-2011	1358.60	TPVC	52.40	1306.20
B-103D	03-10-2011	1358.60	TPVC	52.43	1306.17
B-103D	04-18-2011	1358.60	TPVC	51.32	1307.28
B-103D	07-13-2011	1358.60	TPVC	51.70	1306.90
B-103D	11-02-2011	1358.60	TPVC	52.55	1306.05
B-103D	04-10-2012	1358.60	TPVC	53.83	1304.77
B-103D	07-16-2012	1358.60	TPVC	53.93	1304.67
B-103D	11-06-2012	1358.60	TPVC	54.29	1304.31
B-103D	04-10-2013	1358.60	TPVC	54.66	1303.94
B-103D	07-08-2013	1358.60	TPVC	54.11	1304.49
B-103D	11-07-2013	1358.60	TPVC	53.65	1304.95

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-103D	04-22-2014	1358.35	TPVC	53.38	1304.97
B-103D	07-14-2014	1358.35	TPVC	53.47	1304.88
B-103D	11-04-2014	1358.35	TPVC	53.87	1304.48
B-103D	04-13-2015	1358.35	TPVC	54.03	1304.32
B-103D	07-21-2015	1358.35	TPVC	54.37	1303.98
B-103D	11-10-2015	1358.35	TPVC	54.69	1303.66
B-103D	04-11-2016	1358.61	TPVC	54.85	1303.76
B-103D	07-11-2016	1358.61	TPVC	53.57	1305.04
B-103D	11-07-2016	1358.61	TPVC	55.28	1303.33
B-103D	04-04-2017	1358.61	TPVC	55.34	1303.27
B-103D	07-25-2017	1358.61	TPVC	54.94	1303.67
B-103D	11-08-2017	1358.61	TPVC	54.82	1303.79
B-103D	04-24-2018	1358.61	TPVC	54.71	1303.90
B-103D	07-11-2018	1358.61	TPVC	54.73	1303.88
B-103D	11-05-2018	1358.61	TPVC	55.15	1303.46
B-103D	04-23-2019	1358.61	TPVC	54.87	1303.74
B-103D	07-08-2019	1358.61	TPVC	54.66	1303.95
B-103D	11-05-2019	1358.61	TPVC	54.52	1304.09
B-103D	04-21-2020	1358.61	TPVC	54.10	1304.51
B-103D	07-15-2020	1358.61	TPVC	54.36	1304.25
B-103D	11-03-2020	1358.61	TPVC	54.71	1303.90
B-103D	04-20-2021	1358.61	TPVC	54.81	1303.80
B-103D	07-05-2021	1358.61	TPVC	55.14	1303.47
B-103D	09-29-2021	1358.61	TPVC	55.48	1303.13
B-103D	11-01-2021	1358.61	TPVC	55.70	1302.91
B-103D	04-20-2022	1358.61	TPVC	55.67	1302.94
B-103D	07-11-2022	1358.61	TPVC	55.80	1302.81
B-103D	11-01-2022	1358.61	TPVC	56.13	1302.48
B-103D	04-18-2023	1358.61	TPVC	55.58	1303.03
B-103D	07-10-2023	1358.61	TPVC	55.27	1303.34
B-103D	11-08-2023	1358.61	TPVC	54.74	1303.87
B-304UR	01-21-2009	1338.44	TPVC	47.64	1290.80
B-304UR	02-19-2009	1338.44	TPVC	47.88	1290.56
B-304UR	03-18-2009	1338.44	TPVC	47.91	1290.53
B-304UR	04-06-2009	1338.44	TPVC	47.62	1290.82
B-304UR	05-19-2009	1338.44	TPVC	47.19	1291.25
B-304UR	06-11-2009	1338.44	TPVC	47.20	1291.24
B-304UR	07-13-2009	1338.44	TPVC	47.08	1291.36
B-304UR	08-24-2009	1338.44	TPVC	47.33	1291.11
B-304UR	09-14-2009	1338.44	TPVC	47.44	1291.00
B-304UR	10-14-2009	1338.44	TPVC	48.00	1290.44
B-304UR	11-09-2009	1338.44	TPVC	48.29	1290.15
B-304UR	12-08-2009	1338.44	TPVC	48.47	1289.97
B-304UR	01-07-2010	1338.44	TPVC	48.50	1289.94
B-304UR	02-09-2010	1338.44	TPVC	48.62	1289.82
B-304UR	03-09-2010	1338.44	TPVC	48.68	1289.76
B-304UR	04-07-2010	1338.44	TPVC	48.16	1290.28
B-304UR	05-25-2010	1338.44	TPVC	47.22	1291.22
B-304UR	06-15-2010	1338.44	TPVC	47.30	1291.14
B-304UR	07-12-2010	1338.44	TPVC	47.36	1291.08
B-304UR	08-09-2010	1338.44	TPVC	47.33	1291.11
B-304UR	09-08-2010	1338.44	TPVC	47.63	1290.81
B-304UR	10-05-2010	1338.44	TPVC	48.02	1290.42
B-304UR	11-01-2010	1338.44	TPVC	47.95	1290.49
B-304UR	12-02-2010	1338.44	TPVC	47.74	1290.70
B-304UR	01-13-2011	1338.44	TPVC	47.49	1290.95
B-304UR	02-16-2011	1338.44	TPVC	47.76	1290.68
B-304UR	03-10-2011	1338.44	TPVC	48.10	1290.34
B-304UR	04-18-2011	1338.44	TPVC	47.34	1291.10
B-304UR	05-18-2011	1338.44	TPVC	46.17	1292.27
B-304UR	06-09-2011	1338.44	TPVC	45.87	1292.57
B-304UR	07-12-2011	1338.44	TPVC	46.48	1291.96
B-304UR	08-09-2011	1338.44	TPVC	47.34	1291.10
B-304UR	09-06-2011	1338.44	TPVC	47.88	1290.56
B-304UR	10-03-2011	1338.44	TPVC	47.53	1290.91
B-304UR	11-01-2011	1338.44	TPVC	48.04	1290.40
B-304UR	04-10-2012	1338.44	TPVC	48.57	1289.87
B-304UR	07-17-2012	1338.44	TPVC	48.81	1289.63
B-304UR	11-07-2012	1338.44	TPVC	49.33	1289.11
B-304UR	04-10-2013	1338.44	TPVC	48.95	1289.49
B-304UR	07-08-2013	1338.44	TPVC	48.14	1290.30
B-304UR	11-07-2013	1338.44	TPVC	47.26	1291.18
B-304UR	04-22-2014	1338.44	TPVC	48.50	1289.94
B-304UR	07-15-2014	1338.44	TPVC	46.75	1291.69
B-304UR	11-05-2014	1338.44	TPVC	48.65	1289.79
B-304UR	04-14-2015	1338.44	TPVC	49.20	1289.24
B-304UR	07-20-2015	1338.44	TPVC	46.08	1292.36
B-304UR	11-10-2015	1338.44	TPVC	47.86	1290.58
B-304UR	04-12-2016	1338.44	TPVC	45.82	1292.62
B-304UR	07-12-2016	1338.44	TPVC	47.81	1290.63
B-304UR	11-07-2016	1338.44	TPVC	50.32	1288.12
B-304UR	04-04-2017	1338.44	TPVC	50.28	1288.16
B-304UR	07-25-2017	1338.44	TPVC	46.68	1291.76
B-304UR	11-07-2017	1338.44	TPVC	49.25	1289.19
B-304UR	04-23-2018	1338.44	TPVC	47.83	1290.61

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-304UR	07-11-2018	1338.44	TPVC	47.33	1291.11
B-304UR	07-26-2018	1338.44	TPVC	47.80	1290.64
B-304UR	11-05-2018	1338.44	TPVC	50.33	1288.11
B-304UR	04-23-2019	1338.44	TPVC	48.24	1290.20
B-304UR	07-08-2019	1338.44	TPVC	46.29	1292.15
B-304UR	11-04-2019	1338.44	TPVC	49.53	1288.91
B-304UR	11-22-2019	1338.44	TPVC	49.34	1289.10
B-304UR	04-21-2020	1338.44	TPVC	45.87	1292.57
B-304UR	07-13-2020	1338.44	TPVC	47.66	1290.78
B-304UR	09-28-2020	1338.44	TPVC	49.99	1288.45
B-304UR	11-03-2020	1338.44	TPVC	49.49	1288.95
B-304UR	12-15-2020	1338.44	TPVC	48.85	1289.59
B-304UR	01-13-2021	1338.44	TPVC	47.08	1291.36
B-304UR	02-15-2021	1338.44	TPVC	47.02	1291.42
B-304UR	03-17-2021	1338.44	TPVC	48.08	1290.36
B-304UR	04-19-2021	1338.44	TPVC	46.75	1291.69
B-304UR	05-27-2021	1338.44	TPVC	46.36	1292.08
B-304UR	07-07-2021	1338.44	TPVC	48.07	1290.37
B-304UR	09-29-2021	1338.44	TPVC	50.18	1288.26
B-304UR	11-01-2021	1338.44	TPVC	50.84	1287.60
B-304UR	02-22-2022	1338.44	TPVC	50.31	1288.13
B-304UR	04-18-2022	1338.44	TPVC	47.18	1291.26
B-304UR	06-08-2022	1338.44	TPVC	46.81	1291.63
B-304UR	07-11-2022	1338.44	TPVC	48.08	1290.36
B-304UR	11-02-2022	1338.44	TPVC	49.15	1289.29
B-304UR	04-18-2023	1338.44	TPVC	46.99	1291.45
B-304UR	07-11-2023	1338.44	TPVC	47.69	1290.75
B-304UR	11-06-2023	1338.44	TPVC	47.92	1290.52
B-304DR	04-06-2009	1338.37	TPVC	47.03	1291.34
B-304DR	07-13-2009	1338.37	TPVC	46.66	1291.71
B-304DR	11-09-2009	1338.37	TPVC	57.54	1280.83
B-304DR	04-07-2010	1338.37	TPVC	47.37	1291.00
B-304DR	07-12-2010	1338.37	TPVC	46.83	1291.54
B-304DR	11-01-2010	1338.37	TPVC	47.29	1291.08
B-304DR	01-13-2011	1338.37	TPVC	46.92	1291.45
B-304DR	04-18-2011	1338.37	TPVC	46.74	1291.63
B-304DR	07-12-2011	1338.37	TPVC	46.02	1292.35
B-304DR	11-01-2011	1338.37	TPVC	47.40	1290.97
B-304DR	04-10-2012	1338.37	TPVC	48.15	1290.22
B-304DR	07-17-2012	1338.37	TPVC	48.31	1290.06
B-304DR	11-07-2012	1338.37	TPVC	48.72	1289.65
B-304DR	04-10-2013	1338.37	TPVC	48.65	1289.72
B-304DR	07-08-2013	1338.37	TPVC	47.97	1290.40
B-304DR	11-07-2013	1338.37	TPVC	47.18	1291.19
B-304DR	04-22-2014	1338.37	TPVC	47.92	1290.45
B-304DR	07-15-2014	1338.37	TPVC	46.92	1291.45
B-304DR	11-05-2014	1338.37	TPVC	48.15	1290.22
B-304DR	04-14-2015	1338.37	TPVC	48.86	1289.51
B-304DR	07-20-2015	1338.37	TPVC	46.85	1291.52
B-304DR	11-10-2015	1338.37	TPVC	47.94	1290.43
B-304DR	04-12-2016	1338.37	TPVC	46.74	1291.63
B-304DR	07-12-2016	1338.37	TPVC	47.83	1290.54
B-304DR	11-07-2016	1338.37	TPVC	49.57	1288.80
B-304DR	04-04-2017	1338.37	TPVC	49.65	1288.72
B-304DR	07-25-2017	1338.37	TPVC	47.28	1291.09
B-304DR	11-07-2017	1338.37	TPVC	48.81	1289.56
B-304DR	04-23-2018	1338.37	TPVC	48.02	1290.35
B-304DR	07-11-2018	1338.37	TPVC	47.49	1290.88
B-304DR	11-05-2018	1338.37	TPVC	49.54	1288.83
B-304DR	04-23-2019	1338.37	TPVC	48.38	1289.99
B-304DR	07-08-2019	1338.37	TPVC	46.80	1291.57
B-304DR	11-04-2019	1338.37	TPVC	48.93	1289.44
B-304DR	11-22-2019	1338.37	TPVC	48.75	1289.62
B-304DR	04-21-2020	1338.37	TPVC	46.67	1291.70
B-304DR	07-13-2020	1338.37	TPVC	47.61	1290.76
B-304DR	09-28-2020	1338.37	TPVC	49.33	1289.04
B-304DR	11-03-2020	1338.37	TPVC	49.42	1288.95
B-304DR	12-15-2020	1338.37	TPVC	48.78	1289.59
B-304DR	01-13-2021	1338.37	TPVC	47.73	1290.64
B-304DR	02-15-2021	1338.37	TPVC	47.63	1290.74
B-304DR	03-17-2021	1338.37	TPVC	48.29	1290.08
B-304DR	04-19-2021	1338.37	TPVC	47.51	1290.86
B-304DR	05-27-2021	1338.37	TPVC	47.15	1291.22
B-304DR	07-07-2021	1338.37	TPVC	48.21	1290.16
B-304DR	09-29-2021	1338.24	TPVC	49.32	1288.92
B-304DR	11-01-2021	1338.24	TPVC	49.66	1288.58
B-304DR	02-22-2022	1338.24	TPVC	49.51	1288.73
B-304DR	04-18-2022	1338.24	TPVC	47.76	1290.48
B-304DR	06-08-2022	1338.24	TPVC	47.29	1290.95
B-304DR	07-11-2022	1338.24	TPVC	47.98	1290.26
B-304DR	11-02-2022	1338.24	TPVC	48.94	1289.30
B-304DR	04-18-2023	1338.24	TPVC	47.26	1290.98
B-304DR	07-11-2023	1338.24	TPVC	47.61	1290.63
B-304DR	11-06-2023	1338.24	TPVC	47.52	1290.72

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-604	07-13-2009	1319.83	TPVC	39.14	1280.69
MW-604	11-10-2009	1319.83	TPVC	39.66	1280.17
MW-604	07-12-2010	1319.83	TPVC	39.37	1280.46
MW-604	11-03-2010	1319.83	TPVC	39.27	1280.56
MW-604	07-12-2011	1319.83	TPVC	38.70	1281.13
MW-604	07-17-2012	1319.83	TPVC	40.35	1279.48
MW-604	07-08-2013	1319.83	TPVC	40.18	1279.65
MW-604	04-23-2014	1319.83	TPVC	39.89	1279.94
MW-604	07-15-2014	1319.83	TPVC	39.74	1280.09
MW-604	04-14-2015	1319.83	TPVC	40.41	1279.42
MW-604	07-21-2015	1319.83	TPVC	39.93	1279.90
MW-604	04-12-2016	1319.83	TPVC	40.11	1279.72
MW-604	07-12-2016	1319.83	TPVC	40.36	1279.47
MW-604	11-07-2016	1319.83	TPVC	40.88	1278.95
MW-604	04-03-2017	1319.83	TPVC	41.10	1278.73
MW-604	07-25-2017	1319.83	TPVC	40.17	1279.66
MW-604	11-07-2017	1319.83	TPVC	40.59	1279.24
MW-604	04-24-2018	1319.83	TPVC	40.29	1279.54
MW-604	07-11-2018	1319.83	TPVC	40.48	1279.35
MW-604	11-05-2018	1319.83	TPVC	40.95	1278.88
MW-604	04-23-2019	1319.83	TPVC	40.50	1279.33
MW-604	07-09-2019	1319.83	TPVC	40.01	1279.82
MW-604	11-06-2019	1319.83	TPVC	40.71	1279.12
MW-604	04-21-2020	1319.83	TPVC	40.14	1279.69
MW-604	07-13-2020	1319.83	TPVC	40.40	1279.43
MW-604	11-03-2020	1319.83	TPVC	40.45	1279.38
MW-604	04-19-2021	1319.83	TPVC	40.73	1279.10
MW-604	05-27-2021	1319.83	TPVC	40.65	1279.18
MW-604	07-07-2021	1319.83	TPVC	40.97	1278.86
MW-604	09-29-2021	1319.83	TPVC	41.49	1278.34
MW-604	11-01-2021	1319.83	TPVC	41.61	1278.22
MW-604	02-22-2022	1319.83	TPVC	41.71	1278.12
MW-604	04-18-2022	1319.83	TPVC	41.25	1278.58
MW-604	06-08-2022	1319.83	TPVC	41.01	1278.82
MW-604	07-11-2022	1319.83	TPVC	41.30	1278.53
MW-604	11-02-2022	1319.83	TPVC	41.71	1278.12
MW-604	04-18-2023	1319.83	TPVC	41.72	1278.11
MW-604	07-11-2023	1319.83	TPVC	40.24	1279.59
MW-604	11-06-2023	1319.83	TPVC	40.39	1279.44
MW-701	04-06-2009	1331.63	TPVC	11.44	1320.19
MW-701	07-13-2009	1331.63	TPVC	11.67	1319.96
MW-701	11-09-2009	1331.63	TPVC	13.98	1317.65
MW-701	04-07-2010	1331.63	TPVC	11.55	1320.08
MW-701	07-12-2010	1331.63	TPVC	13.23	1318.40
MW-701	11-01-2010	1331.63	TPVC	12.36	1319.27
MW-701	01-13-2011	1331.63	TPVC	10.16	1321.47
MW-701	04-18-2011	1331.63	TPVC	11.12	1320.51
MW-701	07-12-2011	1331.63	TPVC	14.17	1317.46
MW-701	11-01-2011	1331.63	TPVC	14.43	1317.20
MW-701	04-10-2012	1331.63	TPVC	15.99	1315.64
MW-701	07-16-2012	1331.63	TPVC	15.42	1316.21
MW-701	11-06-2012	1331.63	TPVC	15.25	1316.38
MW-701	04-09-2013	1331.63	TPVC	16.30	1315.33
MW-701	07-08-2013	1331.63	TPVC	15.00	1316.63
MW-701	11-06-2013	1331.63	TPVC	16.13	1315.50
MW-701	04-23-2014	1331.63	TPVC	16.35	1315.28
MW-701	07-14-2014	1331.63	TPVC	15.91	1315.72
MW-701	11-04-2014	1331.63	TPVC	17.23	1314.40
MW-701	04-14-2015	1331.63	TPVC	17.85	1313.78
MW-701	07-20-2015	1331.63	TPVC	15.63	1316.00
MW-701	11-09-2015	1331.63	TPVC	16.48	1315.15
MW-701	04-12-2016	1331.63	TPVC	13.43	1318.20
MW-701	07-13-2016	1331.63	TPVC	13.52	1318.11
MW-701	11-08-2016	1331.63	TPVC	15.28	1316.35
MW-701	04-03-2017	1331.63	TPVC	15.65	1315.98
MW-701	07-24-2017	1331.63	TPVC	13.54	1318.09
MW-701	11-07-2017	1331.63	TPVC	12.73	1318.90
MW-701	04-23-2018	1331.63	TPVC	12.38	1319.25
MW-701	07-10-2018	1331.63	TPVC	12.47	1319.16
MW-701	11-06-2018	1331.63	TPVC	13.28	1318.35
MW-701	04-23-2019	1331.63	TPVC	13.10	1318.53
MW-701	07-09-2019	1331.63	TPVC	12.98	1318.65
MW-701	11-04-2019	1331.63	TPVC	14.08	1317.55
MW-701	01-07-2020	1331.63	TPVC	15.35	1316.28
MW-701	04-20-2020	1331.63	TPVC	14.45	1317.18
MW-701	07-15-2020	1331.63	TPVC	13.37	1318.26
MW-701	11-02-2020	1331.63	TPVC	14.08	1317.55
MW-701	01-13-2021	1331.63	TPVC	14.45	1317.18
MW-701	04-19-2021	1331.63	TPVC	14.55	1317.08
MW-701	07-06-2021	1331.63	TPVC	14.48	1317.15
MW-701	11-01-2021	1331.63	TPVC	15.09	1316.54
MW-701	01-06-2022	1331.63	TPVC	15.62	1316.01
MW-701	04-18-2022	1331.63	TPVC	14.97	1316.66
MW-701	07-12-2022	1331.63	TPVC	16.16	1315.47
MW-701	11-02-2022	1331.63	TPVC	16.48	1315.15

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-701	01-04-2023	1331.63	TPVC	15.81	1315.82
MW-701	04-19-2023	1331.63	TPVC	15.76	1315.87
MW-701	07-12-2023	1331.63	TPVC	13.86	1317.77
MW-701	11-06-2023	1331.63	TPVC	13.96	1317.67
MW-802	04-06-2009	1350.55	TPVC	44.14	1306.41
MW-802	07-13-2009	1350.55	TPVC	43.97	1306.58
MW-802	11-09-2009	1350.55	TPVC	44.22	1306.33
MW-802	04-07-2010	1350.55	TPVC	44.32	1306.23
MW-802	07-12-2010	1350.55	TPVC	44.06	1306.49
MW-802	11-01-2010	1350.55	TPVC	43.84	1306.71
MW-802	04-18-2011	1350.55	TPVC	43.24	1307.31
MW-802	07-12-2011	1350.55	TPVC	43.20	1307.35
MW-802	10-04-2011	1350.55	TPVC	43.60	1306.95
MW-802	11-01-2011	1350.55	TPVC	43.90	1306.65
MW-802	12-08-2011	1350.55	TPVC	44.33	1306.22
MW-802	01-10-2012	1350.55	TPVC	44.43	1306.12
MW-802	02-07-2012	1350.55	TPVC	44.67	1305.88
MW-802	03-06-2012	1350.55	TPVC	44.96	1305.59
MW-802	04-10-2012	1350.55	TPVC	45.26	1305.29
MW-802	05-16-2012	1350.55	TPVC	45.22	1305.33
MW-802	06-12-2012	1350.55	TPVC	45.28	1305.27
MW-802	07-17-2012	1350.55	TPVC	45.47	1305.08
MW-802	08-20-2012	1350.55	TPVC	45.44	1305.11
MW-802	09-14-2012	1350.55	TPVC	45.51	1305.04
MW-802	10-18-2012	1350.55	TPVC	45.72	1304.83
MW-802	11-07-2012	1350.55	TPVC	45.79	1304.76
MW-802	12-04-2012	1350.55	TPVC	45.98	1304.57
MW-802	01-15-2013	1350.55	TPVC	46.01	1304.54
MW-802	02-12-2013	1350.55	TPVC	46.08	1304.47
MW-802	02-25-2013	1350.55	TPVC	46.08	1304.47
MW-802	03-13-2013	1350.55	TPVC	46.09	1304.46
MW-802	04-10-2013	1350.55	TPVC	46.14	1304.41
MW-802	07-08-2013	1350.55	TPVC	45.70	1304.85
MW-802	11-07-2013	1350.55	TPVC	45.31	1305.24
MW-802	04-23-2014	1350.55	TPVC	45.22	1305.33
MW-802	07-15-2014	1350.55	TPVC	45.21	1305.34
MW-802	11-05-2014	1350.55	TPVC	45.78	1304.77
MW-802	04-14-2015	1350.55	TPVC	46.35	1304.20
MW-802	07-20-2015	1350.55	TPVC	46.15	1304.40
MW-802	11-10-2015	1350.55	TPVC	46.70	1303.85
MW-802	04-12-2016	1350.55	TPVC	46.77	1303.78
MW-802	07-11-2016	1350.55	TPVC	46.92	1303.63
MW-802	11-07-2016	1350.55	TPVC	47.33	1303.22
MW-802	04-04-2017	1350.55	TPVC	47.16	1303.39
MW-802	07-25-2017	1350.55	TPVC	46.65	1303.90
MW-802	11-07-2017	1350.55	TPVC	46.86	1303.69
MW-802	04-23-2018	1350.55	TPVC	46.59	1303.96
MW-802	07-11-2018	1350.55	TPVC	46.69	1303.86
MW-802	11-05-2018	1350.55	TPVC	47.22	1303.33
MW-802	04-23-2019	1350.55	TPVC	46.65	1303.90
MW-802	07-08-2019	1350.55	TPVC	46.49	1304.06
MW-802	11-05-2019	1350.55	TPVC	46.11	1304.44
MW-802	04-20-2020	1350.55	TPVC	45.76	1304.79
MW-802	07-15-2020	1350.55	TPVC	46.29	1304.26
MW-802	11-04-2020	1350.55	TPVC	46.52	1304.03
MW-802	04-22-2021	1350.55	TPVC	46.67	1303.88
MW-802	07-07-2021	1350.55	TPVC	47.09	1303.46
MW-802	09-29-2021	1350.55	TPVC	47.28	1303.27
MW-802	11-01-2021	1350.55	TPVC	47.53	1303.02
MW-802	02-22-2022	1350.55	TPVC	47.73	1302.82
MW-802	04-18-2022	1350.55	TPVC	47.40	1303.15
MW-802	04-20-2022	1350.55	TPVC	47.47	1303.08
MW-802	06-08-2022	1350.55	TPVC	47.53	1303.02
MW-802	07-11-2022	1350.55	TPVC	47.67	1302.88
MW-802	11-01-2022	1350.55	TPVC	47.98	1302.57
MW-802	04-19-2023	1350.55	TPVC	47.56	1302.99
MW-802	07-12-2023	1350.55	TPVC	47.40	1303.15
MW-802	11-07-2023	1350.55	TPVC	46.69	1303.86
MW-803	04-06-2009	1346.38	TPVC	40.15	1306.23
MW-803	07-13-2009	1346.38	TPVC	39.94	1306.44
MW-803	11-09-2009	1346.38	TPVC	40.18	1306.20
MW-803	04-07-2010	1346.38	TPVC	40.28	1306.10
MW-803	07-12-2010	1346.38	TPVC	40.01	1306.37
MW-803	11-01-2010	1346.38	TPVC	39.78	1306.60
MW-803	04-18-2011	1346.38	TPVC	39.19	1307.19
MW-803	07-13-2011	1346.38	TPVC	39.14	1307.24
MW-803	11-01-2011	1346.38	TPVC	39.88	1306.50
MW-803	04-10-2012	1346.38	TPVC	41.18	1305.20
MW-803	07-17-2012	1346.38	TPVC	41.39	1304.99
MW-803	11-07-2012	1346.38	TPVC	41.69	1304.69
MW-803	04-10-2013	1346.38	TPVC	42.05	1304.33
MW-803	07-08-2013	1346.38	TPVC	41.60	1304.78
MW-803	11-07-2013	1346.38	TPVC	41.23	1305.15
MW-803	04-23-2014	1346.38	TPVC	41.07	1305.31

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-803	07-15-2014	1346.38	TPVC	41.01	1305.37
MW-803	11-05-2014	1346.38	TPVC	41.63	1304.75
MW-803	04-14-2015	1346.38	TPVC	42.21	1304.17
MW-803	07-20-2015	1346.38	TPVC	41.94	1304.44
MW-803	11-10-2015	1346.38	TPVC	42.34	1304.04
MW-803	04-12-2016	1346.38	TPVC	42.55	1303.83
MW-803	07-11-2016	1346.38	TPVC	42.73	1303.65
MW-803	11-07-2016	1346.38	TPVC	43.16	1303.22
MW-803	04-04-2017	1346.38	TPVC	42.92	1303.46
MW-803	07-25-2017	1346.38	TPVC	42.40	1303.98
MW-803	11-08-2017	1346.38	TPVC	42.53	1303.85
MW-803	11-29-2017	1346.38	TPVC	42.51	1303.87
MW-803	04-24-2018	1346.38	TPVC	42.31	1304.07
MW-803	07-11-2018	1346.38	TPVC	42.43	1303.95
MW-803	11-05-2018	1346.38	TPVC	42.99	1303.39
MW-803	04-23-2019	1346.38	TPVC	42.40	1303.98
MW-803	07-09-2019	1346.38	TPVC	42.39	1303.99
MW-803	11-05-2019	1346.38	TPVC	41.83	1304.55
MW-803	04-20-2020	1346.38	TPVC	41.49	1304.89
MW-803	07-15-2020	1346.38	TPVC	42.08	1304.30
MW-803	11-04-2020	1346.38	TPVC	42.27	1304.11
MW-803	04-22-2021	1346.38	TPVC	42.44	1303.94
MW-803	05-27-2021	1346.38	TPVC	42.48	1303.90
MW-803	07-07-2021	1346.38	TPVC	42.88	1303.50
MW-803	09-29-2021	1346.38	TPVC	43.02	1303.36
MW-803	11-01-2021	1346.38	TPVC	43.30	1303.08
MW-803	02-22-2022	1346.38	TPVC	43.48	1302.90
MW-803	04-18-2022	1346.38	TPVC	43.15	1303.23
MW-803	04-20-2022	1346.38	TPVC	43.22	1303.16
MW-803	06-08-2022	1346.38	TPVC	43.28	1303.10
MW-803	07-11-2022	1346.38	TPVC	43.41	1302.97
MW-803	11-01-2022	1346.38	TPVC	43.75	1302.63
MW-803	04-19-2023	1346.38	TPVC	43.34	1303.04
MW-803	07-12-2023	1346.38	TPVC	43.02	1303.36
MW-803	11-07-2023	1346.38	TPVC	42.32	1304.06
B-915U	01-24-2012	1338.20	TPVC	25.77	1312.43
B-915U	02-07-2012	1338.20	TPVC	25.95	1312.25
B-915U	03-06-2012	1338.20	TPVC	26.95	1311.25
B-915U	04-11-2012	1338.20	TPVC	26.62	1311.58
B-915U	05-16-2012	1338.20	TPVC	25.63	1312.57
B-915U	06-11-2012	1338.20	TPVC	25.45	1312.75
B-915U	09-13-2012	1338.20	TPVC	25.65	1312.55
B-915U	04-22-2014	1338.20	TPVC	25.60	1312.60
B-915U	07-15-2014	1338.20	TPVC	25.31	1312.89
B-915U	07-21-2015	1338.20	TPVC	26.22	1311.98
B-915U	11-09-2015	1338.20	TPVC	24.24	1313.96
B-915U	04-12-2016	1338.20	TPVC	22.64	1315.56
B-915U	07-13-2016	1338.20	TPVC	23.08	1315.12
B-915U	11-08-2016	1338.20	TPVC	23.67	1314.53
B-915U	04-04-2017	1338.20	TPVC	23.95	1314.25
B-915U	07-25-2017	1338.20	TPVC	22.49	1315.71
B-915U	11-07-2017	1338.20	TPVC	22.77	1315.43
B-915U	04-23-2018	1338.20	TPVC	22.92	1315.28
B-915U	07-09-2018	1338.20	TPVC	23.09	1315.11
B-915U	11-06-2018	1338.20	TPVC	25.04	1313.16
B-915U	04-23-2019	1338.20	TPVC	22.70	1315.50
B-915U	07-09-2019	1338.20	TPVC	21.89	1316.31
B-915U	11-05-2019	1338.20	TPVC	21.78	1316.42
B-915U	04-21-2020	1338.20	TPVC	22.05	1316.15
B-915U	07-15-2020	1338.20	TPVC	22.23	1315.97
B-915U	11-02-2020	1338.20	TPVC	24.30	1313.90
B-915U	04-20-2021	1338.20	TPVC	25.13	1313.07
B-915U	07-06-2021	1338.20	TPVC	26.37	1311.83
B-915U	09-29-2021	1338.20	TPVC	26.44	1311.76
B-915U	11-02-2021	1338.20	TPVC	25.70	1312.50
B-915U	02-22-2022	1338.20	TPVC	26.59	1311.61
B-915U	04-18-2022	1338.20	TPVC	23.92	1314.28
B-915U	04-20-2022	1338.20	TPVC	23.77	1314.43
B-915U	06-08-2022	1338.20	TPVC	24.44	1313.76
B-915U	07-12-2022	1338.20	TPVC	26.49	1311.71
B-915U	11-01-2022	1338.20	TPVC	25.49	1312.71
B-915U	04-18-2023	1338.20	TPVC	24.31	1313.89
B-915U	07-11-2023	1338.20	TPVC	22.33	1315.87
B-915U	11-06-2023	1338.20	TPVC	23.57	1314.63
B-915M	01-24-2012	1338.09	TPVC	30.76	1307.33
B-915M	02-07-2012	1338.09	TPVC	31.03	1307.06
B-915M	03-06-2012	1338.09	TPVC	31.53	1306.56
B-915M	04-11-2012	1338.09	TPVC	31.51	1306.58
B-915M	05-16-2012	1338.09	TPVC	31.09	1307.00
B-915M	06-11-2012	1338.09	TPVC	31.15	1306.94
B-915M	09-13-2012	1338.09	TPVC	31.23	1306.86
B-915M	04-22-2014	1338.09	TPVC	31.34	1306.75
B-915M	07-15-2014	1338.09	TPVC	30.86	1307.23
B-915M	07-21-2015	1338.09	TPVC	31.56	1306.53

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-915M	11-09-2015	1338.09	TPVC	32.08	1306.01
B-915M	04-12-2016	1338.09	TPVC	32.73	1305.36
B-915M	07-13-2016	1338.09	TPVC	31.54	1306.55
B-915M	11-08-2016	1338.09	TPVC	32.46	1305.63
B-915M	04-04-2017	1338.09	TPVC	32.65	1305.44
B-915M	07-25-2017	1338.09	TPVC	31.50	1306.59
B-915M	11-07-2017	1338.09	TPVC	32.08	1306.01
B-915M	04-23-2018	1338.09	TPVC	31.90	1306.19
B-915M	07-09-2018	1338.09	TPVC	31.16	1306.93
B-915M	11-06-2018	1338.09	TPVC	32.19	1305.90
B-915M	04-23-2019	1338.09	TPVC	32.27	1305.82
B-915M	07-09-2019	1338.09	TPVC	31.21	1306.88
B-915M	11-05-2019	1338.09	TPVC	31.82	1306.27
B-915M	04-21-2020	1338.09	TPVC	31.35	1306.74
B-915M	07-15-2020	1338.09	TPVC	31.51	1306.58
B-915M	11-02-2020	1338.09	TPVC	32.21	1305.88
B-915M	04-20-2021	1338.09	TPVC	32.40	1305.69
B-915M	07-06-2021	1338.09	TPVC	32.41	1305.68
B-915M	09-29-2021	1338.09	TPVC	33.06	1305.03
B-915M	11-02-2021	1338.09	TPVC	33.30	1304.79
B-915M	04-20-2022	1338.09	TPVC	33.15	1304.94
B-915M	07-12-2022	1338.09	TPVC	32.89	1305.20
B-915M	11-01-2022	1338.09	TPVC	33.35	1304.74
B-915M	04-18-2023	1338.09	TPVC	32.36	1305.73
B-915M	07-11-2023	1338.09	TPVC	31.98	1306.11
B-915M	11-06-2023	1338.09	TPVC	31.69	1306.40
B-915D	01-24-2012	1338.16	TPVC	30.41	1307.75
B-915D	02-07-2012	1338.16	TPVC	30.67	1307.49
B-915D	03-06-2012	1338.16	TPVC	31.18	1306.98
B-915D	04-11-2012	1338.16	TPVC	31.14	1307.02
B-915D	05-16-2012	1338.16	TPVC	30.73	1307.43
B-915D	06-11-2012	1338.16	TPVC	31.80	1306.36
B-915D	09-13-2012	1338.16	TPVC	30.88	1307.28
B-915D	04-22-2014	1338.16	TPVC	30.97	1307.19
B-915D	07-16-2014	1338.16	TPVC	30.52	1307.64
B-915D	07-21-2015	1338.16	TPVC	31.21	1306.95
B-915D	11-09-2015	1338.16	TPVC	31.73	1306.43
B-915D	04-12-2016	1338.16	TPVC	31.37	1306.79
B-915D	07-13-2016	1338.16	TPVC	31.20	1306.96
B-915D	11-08-2016	1338.16	TPVC	32.11	1306.05
B-915D	04-04-2017	1338.16	TPVC	32.29	1305.87
B-915D	07-25-2017	1338.16	TPVC	31.15	1307.01
B-915D	11-07-2017	1338.16	TPVC	31.72	1306.44
B-915D	04-23-2018	1338.16	TPVC	31.53	1306.63
B-915D	07-09-2018	1338.16	TPVC	30.82	1307.34
B-915D	11-06-2018	1338.16	TPVC	31.93	1306.23
B-915D	04-23-2019	1338.16	TPVC	31.92	1306.24
B-915D	07-09-2019	1338.16	TPVC	30.85	1307.31
B-915D	11-05-2019	1338.16	TPVC	31.47	1306.69
B-915D	04-21-2020	1338.16	TPVC	30.99	1307.17
B-915D	07-15-2020	1338.16	TPVC	31.16	1307.00
B-915D	11-02-2020	1338.16	TPVC	31.85	1306.31
B-915D	04-20-2021	1338.16	TPVC	32.08	1306.08
B-915D	07-06-2021	1338.16	TPVC	32.06	1306.10
B-915D	09-29-2021	1338.16	TPVC	32.71	1305.45
B-915D	11-02-2021	1338.16	TPVC	32.96	1305.20
B-915D	04-20-2022	1338.16	TPVC	32.80	1305.36
B-915D	07-12-2022	1338.16	TPVC	32.53	1305.63
B-915D	11-01-2022	1338.16	TPVC	33.00	1305.16
B-915D	04-18-2023	1338.16	TPVC	32.05	1306.11
B-915D	07-11-2023	1338.16	TPVC	31.62	1306.54
B-915D	11-06-2023	1338.16	TPVC	31.33	1306.83
B-916U	01-24-2012	1323.76	TPVC	15.40	1308.36
B-916U	02-07-2012	1323.76	TPVC	14.90	1308.86
B-916U	03-06-2012	1323.76	TPVC	17.33	1306.43
B-916U	04-11-2012	1323.76	TPVC	16.44	1307.32
B-916U	05-16-2012	1323.76	TPVC	13.83	1309.93
B-916U	06-11-2012	1323.76	TPVC	14.09	1309.67
B-916U	09-13-2012	1323.76	TPVC	15.12	1308.64
B-916U	04-21-2014	1323.76	TPVC	14.75	1309.01
B-916U	07-15-2014	1323.76	TPVC	15.07	1308.69
B-916U	07-21-2015	1323.76	TPVC	14.65	1309.11
B-916U	11-09-2015	1323.76	TPVC	15.56	1308.20
B-916U	04-12-2016	1323.76	TPVC	10.67	1313.09
B-916U	07-13-2016	1323.76	TPVC	13.25	1310.51
B-916U	11-08-2016	1323.76	TPVC	13.47	1310.29
B-916U	04-04-2017	1323.76	TPVC	10.80	1312.96
B-916U	07-24-2017	1323.76	TPVC	10.00	1313.76
B-916U	11-08-2017	1323.76	TPVC	11.36	1312.40
B-916U	04-24-2018	1323.76	TPVC	9.45	1314.31
B-916U	07-09-2018	1323.76	TPVC	11.63	1312.13
B-916U	11-06-2018	1323.76	TPVC	16.87	1306.89
B-916U	04-22-2019	1323.76	TPVC	9.06	1314.70
B-916U	07-09-2019	1323.76	TPVC	9.03	1314.73

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-916U	11-05-2019	1323.76	TPVC	8.40	1315.36
B-916U	04-21-2020	1323.76	TPVC	8.80	1314.96
B-916U	07-15-2020	1323.76	TPVC	10.22	1313.54
B-916U	11-02-2020	1323.76	TPVC	13.11	1310.65
B-916U	04-19-2021	1323.76	TPVC	13.61	1310.15
B-916U	07-06-2021	1323.76	TPVC	16.95	1306.81
B-916U	09-29-2021	1323.76	TPVC	17.35	1306.41
B-916U	11-02-2021	1323.76	TPVC	16.90	1306.86
B-916U	02-22-2022	1323.76	TPVC	17.41	1306.35
B-916U	04-18-2022	1323.76	TPVC	11.01	1312.75
B-916U	06-08-2022	1323.76	TPVC	12.91	1310.85
B-916U	07-12-2022	1323.76	TPVC	16.45	1307.31
B-916U	11-01-2022	1323.76	TPVC	15.43	1308.33
B-916U	04-18-2023	1323.76	TPVC	11.66	1312.10
B-916U	07-10-2023	1323.76	TPVC	10.43	1313.33
B-916U	11-08-2023	1323.76	TPVC	12.93	1310.83
B-916M	02-07-2012	1323.91	TPVC	40.74	1283.17
B-916M	03-06-2012	1323.91	TPVC	41.33	1282.58
B-916M	04-11-2012	1323.91	TPVC	41.17	1282.74
B-916M	05-16-2012	1323.91	TPVC	40.65	1283.26
B-916M	06-11-2012	1323.91	TPVC	40.66	1283.25
B-916M	09-13-2012	1323.91	TPVC	41.44	1282.47
B-916M	04-21-2014	1323.91	TPVC	41.57	1282.34
B-916M	07-16-2014	1323.91	TPVC	41.31	1282.60
B-916M	07-21-2015	1323.91	TPVC	41.75	1282.16
B-916M	11-09-2015	1323.91	TPVC	42.47	1281.44
B-916M	04-12-2016	1323.91	TPVC	42.02	1281.89
B-916M	07-13-2016	1323.91	TPVC	41.95	1281.96
B-916M	11-08-2016	1323.91	TPVC	42.94	1280.97
B-916M	04-04-2017	1323.91	TPVC	43.19	1280.72
B-916M	07-24-2017	1323.91	TPVC	41.78	1282.13
B-916M	11-08-2017	1323.91	TPVC	42.33	1281.58
B-916M	04-24-2018	1323.91	TPVC	42.15	1281.76
B-916M	07-09-2018	1323.91	TPVC	41.71	1282.20
B-916M	11-06-2018	1323.91	TPVC	42.98	1280.93
B-916M	04-22-2019	1323.91	TPVC	42.96	1280.95
B-916M	07-09-2019	1323.91	TPVC	41.64	1282.27
B-916M	11-05-2019	1323.91	TPVC	42.45	1281.46
B-916M	04-21-2020	1323.91	TPVC	41.86	1282.05
B-916M	07-15-2020	1323.91	TPVC	42.17	1281.74
B-916M	11-02-2020	1323.91	TPVC	42.94	1280.97
B-916M	04-19-2021	1323.91	TPVC	43.04	1280.87
B-916M	07-06-2021	1323.91	TPVC	43.02	1280.89
B-916M	09-29-2021	1323.91	TPVC	43.74	1280.17
B-916M	11-02-2021	1323.91	TPVC	44.97	1278.94
B-916M	04-18-2022	1323.91	TPVC	43.66	1280.25
B-916M	07-12-2022	1323.91	TPVC	43.38	1280.53
B-916M	11-01-2022	1323.91	TPVC	43.87	1280.04
B-916M	04-18-2023	1323.91	TPVC	42.74	1281.17
B-916M	07-10-2023	1323.91	TPVC	42.38	1281.53
B-916M	11-08-2023	1323.91	TPVC	42.52	1281.39
B-916D	01-24-2012	1323.99	TPVC	52.56	1271.43
B-916D	02-07-2012	1323.99	TPVC	52.49	1271.50
B-916D	03-06-2012	1323.99	TPVC	53.17	1270.82
B-916D	04-11-2012	1323.99	TPVC	52.95	1271.04
B-916D	05-16-2012	1323.99	TPVC	52.37	1271.62
B-916D	06-11-2012	1323.99	TPVC	52.47	1271.52
B-916D	09-13-2012	1323.99	TPVC	53.26	1270.73
B-916D	04-21-2014	1323.99	TPVC	53.22	1270.77
B-916D	07-16-2014	1323.99	TPVC	52.79	1271.20
B-916D	07-21-2015	1323.99	TPVC	53.20	1270.79
B-916D	11-09-2015	1323.99	TPVC	53.92	1270.07
B-916D	04-12-2016	1323.99	TPVC	53.16	1270.83
B-916D	07-13-2016	1323.99	TPVC	53.13	1270.86
B-916D	11-08-2016	1323.99	TPVC	54.59	1269.40
B-916D	04-04-2017	1323.99	TPVC	54.53	1269.46
B-916D	07-24-2017	1323.99	TPVC	52.84	1271.15
B-916D	11-08-2017	1323.99	TPVC	53.40	1270.59
B-916D	04-24-2018	1323.99	TPVC	53.04	1270.95
B-916D	07-10-2018	1323.99	TPVC	52.55	1271.44
B-916D	07-26-2018	1323.99	TPVC	53.61	1270.38
B-916D	11-06-2018	1323.99	TPVC	54.05	1269.94
B-916D	04-22-2019	1323.99	TPVC	53.88	1270.11
B-916D	07-09-2019	1323.99	TPVC	52.61	1271.38
B-916D	11-05-2019	1323.99	TPVC	53.22	1270.77
B-916D	04-21-2020	1323.99	TPVC	52.64	1271.35
B-916D	07-15-2020	1323.99	TPVC	52.81	1271.18
B-916D	11-02-2020	1323.99	TPVC	53.63	1270.36
B-916D	04-19-2021	1323.99	TPVC	53.60	1270.39
B-916D	07-06-2021	1323.99	TPVC	53.45	1270.54
B-916D	09-29-2021	1323.99	TPVC	54.09	1269.90
B-916D	11-02-2021	1323.99	TPVC	54.10	1269.89
B-916D	04-18-2022	1323.99	TPVC	54.15	1269.84
B-916D	07-12-2022	1323.99	TPVC	53.68	1270.31

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-916D	11-01-2022	1323.99	TPVC	54.23	1269.76
B-916D	04-18-2023	1323.99	TPVC	52.81	1271.18
B-916D	07-10-2023	1323.99	TPVC	52.57	1271.42
B-916D	11-08-2023	1323.99	TPVC	52.41	1271.58
B-917U	01-24-2012	1325.14	TPVC	29.82	1295.32
B-917U	02-07-2012	1325.14	TPVC	30.23	1294.91
B-917U	03-06-2012	1325.14	TPVC	30.83	1294.31
B-917U	04-11-2012	1325.14	TPVC	30.70	1294.44
B-917U	05-16-2012	1325.14	TPVC	28.54	1296.60
B-917U	06-11-2012	1325.14	TPVC	28.34	1296.80
B-917U	09-13-2012	1325.14	TPVC	30.39	1294.75
B-917U	04-21-2014	1325.14	TPVC	30.29	1294.85
B-917U	07-16-2014	1325.14	TPVC	28.41	1296.73
B-917U	07-21-2015	1325.14	TPVC	28.79	1296.35
B-917U	11-09-2015	1325.14	TPVC	31.91	1293.23
B-917U	04-12-2016	1325.14	TPVC	29.93	1295.21
B-917U	07-13-2016	1325.14	TPVC	30.01	1295.13
B-917U	11-08-2016	1325.14	TPVC	32.84	1292.30
B-917U	04-04-2017	1325.14	TPVC	33.07	1292.07
B-917U	07-24-2017	1325.14	TPVC	28.78	1296.36
B-917U	11-08-2017	1325.14	TPVC	31.65	1293.49
B-917U	04-24-2018	1325.14	TPVC	30.07	1295.07
B-917U	07-10-2018	1325.14	TPVC	29.08	1296.06
B-917U	11-06-2018	1325.14	TPVC	32.52	1292.62
B-917U	04-23-2019	1325.14	TPVC	31.16	1293.98
B-917U	07-09-2019	1325.14	TPVC	28.05	1297.09
B-917U	11-05-2019	1325.14	TPVC	31.43	1293.71
B-917U	04-21-2020	1325.14	TPVC	29.03	1296.11
B-917U	07-15-2020	1325.14	TPVC	29.84	1295.30
B-917U	11-02-2020	1325.14	TPVC	32.40	1292.74
B-917U	04-19-2021	1325.14	TPVC	31.59	1293.55
B-917U	07-06-2021	1325.14	TPVC	30.93	1294.21
B-917U	09-29-2021	1325.14	TPVC	33.02	1292.12
B-917U	11-02-2021	1325.14	TPVC	33.45	1291.69
B-917U	02-22-2022	1325.14	TPVC	34.11	1291.03
B-917U	04-18-2022	1325.14	TPVC	32.26	1292.88
B-917U	06-08-2022	1325.14	TPVC	30.62	1294.52
B-917U	07-12-2022	1325.14	TPVC	31.52	1293.62
B-917U	11-01-2022	1325.14	TPVC	33.74	1291.40
B-917U	04-18-2023	1325.14	TPVC	30.49	1294.65
B-917U	07-10-2023	1325.14	TPVC	30.01	1295.13
B-917U	11-08-2023	1325.14	TPVC	30.81	1294.33
B-909	01-24-2012	1325.50	TPVC	31.82	1293.68
B-909	02-07-2012	1325.50	TPVC	32.13	1293.37
B-909	03-06-2012	1325.50	TPVC	32.64	1292.86
B-909	04-11-2012	1325.50	TPVC	32.56	1292.94
B-909	05-16-2012	1325.50	TPVC	31.56	1293.94
B-909	06-11-2012	1325.50	TPVC	31.62	1293.88
B-909	09-13-2012	1325.50	TPVC	32.34	1293.16
B-909	04-21-2014	1325.50	TPVC	32.28	1293.22
B-909	07-16-2014	1325.50	TPVC	31.32	1294.18
B-909	07-21-2015	1325.50	TPVC	31.82	1293.68
B-909	11-09-2015	1325.50	TPVC	33.40	1292.10
B-909	04-12-2016	1325.50	TPVC	32.27	1293.23
B-909	07-13-2016	1325.50	TPVC	32.21	1293.29
B-909	11-08-2016	1325.50	TPVC	33.85	1291.65
B-909	04-04-2017	1325.50	TPVC	34.05	1291.45
B-909	07-24-2017	1325.50	TPVC	31.66	1293.84
B-909	11-08-2017	1325.50	TPVC	33.03	1292.47
B-909	04-24-2018	1325.50	TPVC	32.15	1293.35
B-909	07-10-2018	1325.50	TPVC	31.56	1293.94
B-909	11-06-2018	1325.50	TPVC	33.58	1291.92
B-909	04-23-2019	1325.50	TPVC	32.98	1292.52
B-909	07-09-2019	1325.50	TPVC	31.19	1294.31
B-909	11-05-2019	1325.50	TPVC	32.82	1292.68
B-909	04-21-2020	1325.50	TPVC	31.76	1293.74
B-909	07-15-2020	1325.50	TPVC	32.00	1293.50
B-909	11-02-2020	1325.50	TPVC	33.41	1292.09
B-909	04-19-2021	1325.50	TPVC	33.20	1292.30
B-909	07-06-2021	1325.50	TPVC	32.81	1292.69
B-909	09-29-2021	1325.50	TPVC	34.23	1291.27
B-909	11-02-2021	1325.50	TPVC	34.50	1291.00
B-909	04-18-2022	1325.50	TPVC	33.73	1291.77
B-909	07-12-2022	1325.50	TPVC	33.37	1292.13
B-909	11-01-2022	1325.50	TPVC	34.61	1290.89
B-909	04-18-2023	1325.50	TPVC	32.48	1293.02
B-909	07-10-2023	1325.50	TPVC	32.24	1293.26
B-909	11-08-2023	1325.50	TPVC	32.47	1293.03
B-917D	01-24-2012	1325.36	TPVC	29.94	1295.42
B-917D	02-07-2012	1325.36	TPVC	30.19	1295.17
B-917D	03-06-2012	1325.36	TPVC	30.70	1294.66
B-917D	04-11-2012	1325.36	TPVC	30.65	1294.71
B-917D	05-16-2012	1325.36	TPVC	30.20	1295.16

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-917D	06-12-2012	1325.36	TPVC	30.20	1295.16
B-917D	09-13-2012	1325.36	TPVC	30.42	1294.94
B-917D	04-21-2014	1325.36	TPVC	30.37	1294.99
B-917D	07-16-2014	1325.36	TPVC	29.95	1295.41
B-917D	07-21-2015	1325.36	TPVC	30.53	1294.83
B-917D	11-09-2015	1325.36	TPVC	31.10	1294.26
B-917D	04-12-2016	1325.36	TPVC	30.65	1294.71
B-917D	07-13-2016	1325.36	TPVC	30.51	1294.85
B-917D	11-08-2016	1325.36	TPVC	31.39	1293.97
B-917D	04-04-2017	1325.36	TPVC	31.54	1293.82
B-917D	07-24-2017	1325.36	TPVC	30.34	1295.02
B-917D	11-08-2017	1325.36	TPVC	30.90	1294.46
B-917D	04-24-2018	1325.36	TPVC	30.57	1294.79
B-917D	07-10-2018	1325.36	TPVC	30.10	1295.26
B-917D	11-06-2018	1325.36	TPVC	31.35	1294.01
B-917D	04-23-2019	1325.36	TPVC	31.20	1294.16
B-917D	07-09-2019	1325.36	TPVC	30.20	1295.16
B-917D	11-05-2019	1325.36	TPVC	30.82	1294.54
B-917D	04-21-2020	1325.36	TPVC	30.36	1295.00
B-917D	07-15-2020	1325.36	TPVC	30.56	1294.80
B-917D	11-02-2020	1325.36	TPVC	31.37	1293.99
B-917D	04-19-2021	1325.36	TPVC	31.46	1293.90
B-917D	07-06-2021	1325.36	TPVC	31.48	1293.88
B-917D	09-29-2021	1325.36	TPVC	32.10	1293.26
B-917D	11-02-2021	1325.36	TPVC	32.32	1293.04
B-917D	04-18-2022	1325.36	TPVC	32.03	1293.33
B-917D	07-12-2022	1325.36	TPVC	31.87	1293.49
B-917D	11-01-2022	1325.36	TPVC	32.34	1293.02
B-917D	04-18-2023	1325.36	TPVC	31.27	1294.09
B-917D	07-10-2023	1325.36	TPVC	30.93	1294.43
B-917D	11-08-2023	1325.36	TPVC	30.81	1294.55
B-918U	01-24-2012	1329.90	TPVC	22.35	1307.55
B-918U	02-07-2012	1329.90	TPVC	22.60	1307.30
B-918U	03-06-2012	1329.90	TPVC	13.09	1316.81
B-918U	04-11-2012	1329.90	TPVC	23.12	1306.78
B-918U	05-16-2012	1329.90	TPVC	22.65	1307.25
B-918U	06-11-2012	1329.90	TPVC	23.04	1306.86
B-918U	09-13-2012	1329.90	TPVC	23.31	1306.59
B-918U	04-22-2014	1329.90	TPVC	23.49	1306.41
B-918U	07-16-2014	1329.90	TPVC	22.21	1307.69
B-918U	07-21-2015	1330.59	TPVC	24.21	1306.38
B-918U	11-09-2015	1330.59	TPVC	26.03	1304.56
B-918U	04-12-2016	1330.59	TPVC	24.95	1305.64
B-918U	07-12-2016	1330.59	TPVC	26.49	1304.10
B-918U	11-08-2016	1330.59	TPVC	26.92	1303.67
B-918U	04-04-2017	1330.59	TPVC	26.75	1303.84
B-918U	07-24-2017	1330.59	TPVC	26.09	1304.50
B-918U	11-08-2017	1330.59	TPVC	26.72	1303.87
B-918U	04-24-2018	1330.59	TPVC	25.81	1304.78
B-918U	07-09-2018	1330.59	TPVC	26.28	1304.31
B-918U	08-27-2018	1330.59	TPVC	26.64	1303.95
B-918U	11-05-2018	1330.59	TPVC	27.20	1303.39
B-918U	04-22-2019	1330.59	TPVC	26.20	1304.39
B-918U	07-09-2019	1330.59	TPVC	26.02	1304.57
B-918U	11-04-2019	1330.59	TPVC	26.35	1304.24
B-918U	04-20-2020	1330.59	TPVC	25.24	1305.35
B-918U	07-15-2020	1330.59	TPVC	26.20	1304.39
B-918U	11-02-2020	1330.59	TPVC	26.47	1304.12
B-918U	04-19-2021	1330.59	TPVC	26.23	1304.36
B-918U	07-06-2021	1330.59	TPVC	26.91	1303.68
B-918U	09-29-2021	1330.59	TPVC	27.44	1303.15
B-918U	11-02-2021	1330.59	TPVC	27.65	1302.94
B-918U	02-22-2022	1330.59	TPVC	27.70	1302.89
B-918U	04-18-2022	1330.59	TPVC	26.95	1303.64
B-918U	06-08-2022	1330.59	TPVC	27.22	1303.37
B-918U	07-12-2022	1330.59	TPVC	27.62	1302.97
B-918U	11-01-2022	1330.59	TPVC	28.01	1302.58
B-918U	04-19-2023	1330.59	TPVC	26.96	1303.63
B-918U	07-11-2023	1330.59	TPVC	26.94	1303.65
B-918U	11-06-2023	1330.59	TPVC	26.52	1304.07
B-918M	01-24-2012	1330.32	TPVC	23.32	1307.00
B-918M	02-07-2012	1330.32	TPVC	23.53	1306.79
B-918M	03-06-2012	1330.32	TPVC	23.88	1306.44
B-918M	04-11-2012	1330.32	TPVC	23.98	1306.34
B-918M	05-16-2012	1330.32	TPVC	23.86	1306.46
B-918M	06-12-2012	1330.32	TPVC	23.94	1306.38
B-918M	09-13-2012	1330.32	TPVC	24.16	1306.16
B-918M	04-22-2014	1330.32	TPVC	24.11	1306.21
B-918M	07-16-2014	1330.32	TPVC	23.79	1306.53
B-918M	07-21-2015	1330.32	TPVC	24.61	1305.71
B-918M	11-09-2015	1330.32	TPVC	25.67	1304.65
B-918M	04-12-2016	1330.23	TPVC	25.99	1304.24
B-918M	07-12-2016	1330.23	TPVC	26.05	1304.18
B-918M	11-08-2016	1330.23	TPVC	26.43	1303.80

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-918M	04-04-2017	1330.23	TPVC	26.51	1303.72
B-918M	07-24-2017	1330.23	TPVC	25.99	1304.24
B-918M	11-08-2017	1330.23	TPVC	26.41	1303.82
B-918M	04-24-2018	1330.23	TPVC	25.84	1304.39
B-918M	05-04-2018	1330.23	TPVC	25.85	1304.38
B-918M	07-09-2018	1330.23	TPVC	25.90	1304.33
B-918M	08-27-2018	1330.23	TPVC	26.10	1304.13
B-918M	11-05-2018	1330.23	TPVC	26.58	1303.65
B-918M	04-22-2019	1330.23	TPVC	26.17	1304.06
B-918M	07-09-2019	1330.23	TPVC	25.88	1304.35
B-918M	11-04-2019	1330.23	TPVC	25.88	1304.35
B-918M	01-07-2020	1330.23	TPVC	25.79	1304.44
B-918M	04-20-2020	1330.23	TPVC	25.29	1304.94
B-918M	07-15-2020	1330.23	TPVC	25.72	1304.51
B-918M	11-02-2020	1330.23	TPVC	26.18	1304.05
B-918M	01-13-2021	1330.23	TPVC	25.89	1304.34
B-918M	04-19-2021	1330.23	TPVC	26.05	1304.18
B-918M	07-06-2021	1330.23	TPVC	26.39	1303.84
B-918M	09-29-2021	1330.23	TPVC	26.77	1303.46
B-918M	11-02-2021	1330.23	TPVC	27.00	1303.23
B-918M	01-06-2022	1330.23	TPVC	27.12	1303.11
B-918M	04-18-2022	1330.23	TPVC	26.80	1303.43
B-918M	07-12-2022	1330.23	TPVC	27.09	1303.14
B-918M	11-02-2022	1330.23	TPVC	27.50	1302.73
B-918M	01-04-2023	1330.23	TPVC	27.17	1303.06
B-918M	04-19-2023	1330.23	TPVC	26.90	1303.33
B-918M	07-11-2023	1330.23	TPVC	26.73	1303.50
B-918M	11-06-2023	1330.23	TPVC	26.03	1304.20
B-918D	01-24-2012	1329.89	TPVC	33.33	1296.56
B-918D	02-07-2012	1329.89	TPVC	33.56	1296.33
B-918D	03-06-2012	1329.89	TPVC	34.02	1295.87
B-918D	04-11-2012	1329.89	TPVC	34.00	1295.89
B-918D	05-16-2012	1329.89	TPVC	33.74	1296.15
B-918D	06-12-2012	1329.89	TPVC	33.80	1296.09
B-918D	09-13-2012	1329.89	TPVC	34.08	1295.81
B-918D	04-22-2014	1329.89	TPVC	33.73	1296.16
B-918D	07-16-2014	1329.89	TPVC	33.60	1296.29
B-918D	07-21-2015	1330.57	TPVC	34.93	1295.64
B-918D	11-09-2015	1330.57	TPVC	35.40	1295.17
B-918D	04-12-2016	1330.57	TPVC	35.13	1295.44
B-918D	07-12-2016	1330.57	TPVC	35.08	1295.49
B-918D	11-08-2016	1330.57	TPVC	36.70	1293.87
B-918D	04-04-2017	1330.57	TPVC	36.02	1294.55
B-918D	07-24-2017	1330.57	TPVC	35.26	1295.31
B-918D	11-08-2017	1330.57	TPVC	35.56	1295.01
B-918D	04-24-2018	1330.57	TPVC	35.24	1295.33
B-918D	07-09-2018	1330.57	TPVC	34.95	1295.62
B-918D	08-27-2018	1330.57	TPVC	35.28	1295.29
B-918D	11-05-2018	1330.57	TPVC	35.82	1294.75
B-918D	04-22-2019	1330.57	TPVC	35.85	1294.72
B-918D	07-09-2019	1330.57	TPVC	35.05	1295.52
B-918D	11-04-2019	1330.57	TPVC	35.41	1295.16
B-918D	04-20-2020	1330.57	TPVC	35.00	1295.57
B-918D	07-15-2020	1330.57	TPVC	35.01	1295.56
B-918D	11-02-2020	1330.57	TPVC	35.47	1295.10
B-918D	04-19-2021	1330.57	TPVC	35.71	1294.86
B-918D	07-06-2021	1330.57	TPVC	35.78	1294.79
B-918D	09-29-2021	1330.57	TPVC	36.29	1294.28
B-918D	11-02-2021	1330.57	TPVC	36.50	1294.07
B-918D	04-18-2022	1330.57	TPVC	36.42	1294.15
B-918D	07-12-2022	1330.57	TPVC	36.22	1294.35
B-918D	11-02-2022	1330.57	TPVC	36.60	1293.97
B-918D	04-19-2023	1330.57	TPVC	35.82	1294.75
B-918D	07-11-2023	1330.57	TPVC	35.39	1295.18
B-918D	11-06-2023	1330.57	TPVC	34.08	1296.49
B-919U	03-18-2009	1344.27	TPVC	38.51	1305.76
B-919U	04-07-2009	1344.27	TPVC	38.33	1305.94
B-919U	05-19-2009	1344.27	TPVC	38.04	1306.23
B-919U	06-10-2009	1344.27	TPVC	37.96	1306.31
B-919U	07-14-2009	1344.27	TPVC	37.73	1306.54
B-919U	08-24-2009	1344.27	TPVC	37.75	1306.52
B-919U	09-15-2009	1344.27	TPVC	37.87	1306.40
B-919U	10-14-2009	1344.27	TPVC	38.24	1306.03
B-919U	11-10-2009	1344.27	TPVC	38.34	1305.93
B-919U	12-08-2009	1344.27	TPVC	38.36	1305.91
B-919U	01-07-2010	1344.27	TPVC	38.47	1305.80
B-919U	02-09-2010	1344.27	TPVC	38.64	1305.63
B-919U	03-09-2010	1344.27	TPVC	38.78	1305.49
B-919U	04-07-2010	1344.27	TPVC	38.28	1305.99
B-919U	05-25-2010	1344.27	TPVC	37.69	1306.58
B-919U	06-15-2010	1344.27	TPVC	37.88	1306.39
B-919U	07-13-2010	1344.27	TPVC	37.66	1306.61
B-919U	08-09-2010	1344.27	TPVC	37.41	1306.86
B-919U	09-08-2010	1344.27	TPVC	37.73	1306.54

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-919U	10-05-2010	1344.27	TPVC	37.85	1306.42
B-919U	11-02-2010	1344.27	TPVC	37.66	1306.61
B-919U	12-02-2010	1344.27	TPVC	37.65	1306.62
B-919U	01-13-2011	1344.27	TPVC	37.72	1306.55
B-919U	02-16-2011	1344.27	TPVC	38.01	1306.26
B-919U	04-18-2011	1344.27	TPVC	37.32	1306.95
B-919U	07-12-2011	1344.27	TPVC	37.10	1307.17
B-919U	11-01-2011	1344.27	TPVC	37.98	1306.29
B-919U	04-10-2012	1344.27	TPVC	39.06	1305.21
B-919U	07-18-2012	1344.27	TPVC	39.47	1304.80
B-919U	11-07-2012	1344.27	TPVC	39.93	1304.34
B-919U	04-10-2013	1344.27	TPVC	40.00	1304.27
B-919U	07-08-2013	1344.27	TPVC	39.34	1304.93
B-919U	11-06-2013	1344.27	TPVC	39.08	1305.19
B-919U	04-23-2014	1344.27	TPVC	38.97	1305.30
B-919U	07-14-2014	1344.27	TPVC	38.35	1305.92
B-919U	11-05-2014	1344.27	TPVC	39.70	1304.57
B-919U	04-14-2015	1344.27	TPVC	41.04	1303.23
B-919U	07-22-2015	1344.27	TPVC	39.10	1305.17
B-919U	11-10-2015	1344.27	TPVC	39.76	1304.51
B-919U	04-12-2016	1344.27	TPVC	39.14	1305.13
B-919U	07-12-2016	1344.27	TPVC	40.43	1303.84
B-919U	11-08-2016	1344.27	TPVC	41.31	1302.96
B-919U	04-04-2017	1344.27	TPVC	40.64	1303.63
B-919U	07-24-2017	1344.27	TPVC	39.23	1305.04
B-919U	11-07-2017	1344.27	TPVC	40.23	1304.04
B-919U	04-23-2018	1344.27	TPVC	39.64	1304.63
B-919U	07-09-2018	1344.27	TPVC	39.87	1304.40
B-919U	11-05-2018	1344.27	TPVC	41.08	1303.19
B-919U	04-22-2019	1344.27	TPVC	39.77	1304.50
B-919U	07-08-2019	1344.27	TPVC	39.31	1304.96
B-919U	11-04-2019	1344.27	TPVC	39.36	1304.91
B-919U	04-20-2020	1344.27	TPVC	38.27	1306.00
B-919U	07-13-2020	1344.27	TPVC	39.66	1304.61
B-919U	11-02-2020	1344.27	TPVC	39.36	1304.91
B-919U	04-19-2021	1344.27	TPVC	39.78	1304.49
B-919U	05-27-2021	1344.27	TPVC	39.82	1304.45
B-919U	07-07-2021	1344.27	TPVC	40.66	1303.61
B-919U	09-29-2021	1344.27	TPVC	40.75	1303.52
B-919U	11-01-2021	1344.27	TPVC	40.61	1303.66
B-919U	02-22-2022	1344.27	TPVC	40.99	1303.28
B-919U	04-18-2022	1344.27	TPVC	39.62	1304.65
B-919U	06-08-2022	1344.27	TPVC	39.80	1304.47
B-919U	07-11-2022	1344.27	TPVC	40.43	1303.84
B-919U	11-02-2022	1344.27	TPVC	40.48	1303.79
B-919U	04-18-2023	1344.27	TPVC	40.14	1304.13
B-919U	07-11-2023	1344.27	TPVC	39.91	1304.36
B-919U	11-06-2023	1344.27	TPVC	39.96	1304.31
B-919M	04-07-2009	1344.06	TPVC	48.95	1295.11
B-919M	07-13-2009	1344.06	TPVC	48.71	1295.35
B-919M	11-10-2009	1344.06	TPVC	49.10	1294.96
B-919M	04-07-2010	1344.06	TPVC	49.31	1294.75
B-919M	07-13-2010	1344.06	TPVC	48.80	1295.26
B-919M	11-02-2010	1344.06	TPVC	48.92	1295.14
B-919M	01-13-2011	1344.06	TPVC	49.21	1294.85
B-919M	04-18-2011	1344.06	TPVC	48.80	1295.26
B-919M	07-12-2011	1344.06	TPVC	48.16	1295.90
B-919M	11-01-2011	1344.06	TPVC	49.07	1294.99
B-919M	04-10-2012	1344.06	TPVC	50.00	1294.06
B-919M	07-18-2012	1344.06	TPVC	50.28	1293.78
B-919M	11-07-2012	1344.06	TPVC	50.65	1293.41
B-919M	04-10-2013	1344.06	TPVC	50.63	1293.43
B-919M	07-09-2013	1344.06	TPVC	50.51	1293.55
B-919M	11-06-2013	1344.06	TPVC	49.72	1294.34
B-919M	04-23-2014	1344.06	TPVC	50.08	1293.98
B-919M	04-25-2014	1344.06	TPVC	87.49	1256.57
B-919M	07-16-2014	1344.06	TPVC	49.90	1294.16
B-919M	11-05-2014	1344.06	TPVC	50.12	1293.94
B-919M	04-14-2015	1344.06	TPVC	50.81	1293.25
B-919M	07-22-2015	1344.06	TPVC	50.77	1293.29
B-919M	11-10-2015	1344.06	TPVC	51.64	1292.42
B-919M	04-12-2016	1344.06	TPVC	51.10	1292.96
B-919M	07-12-2016	1344.06	TPVC	52.91	1291.15
B-919M	11-08-2016	1344.06	TPVC	52.38	1291.68
B-919M	04-04-2017	1344.06	TPVC	53.37	1290.69
B-919M	07-25-2017	1344.06	TPVC	53.03	1291.03
B-919M	11-07-2017	1344.06	TPVC	54.07	1289.99
B-919M	04-23-2018	1344.06	TPVC	51.54	1292.52
B-919M	07-10-2018	1344.06	TPVC	53.53	1290.53
B-919M	11-06-2018	1344.06	TPVC	51.86	1292.20
B-919M	04-23-2019	1344.06	TPVC	51.78	1292.28
B-919M	07-09-2019	1344.06	TPVC	52.84	1291.22
B-919M	11-05-2019	1344.06	TPVC	51.50	1292.56
B-919M	04-20-2020	1344.06	TPVC	51.02	1293.04
B-919M	07-13-2020	1344.06	TPVC	50.88	1293.18

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-919M	11-04-2020	1344.06	TPVC	51.44	1292.62
B-919M	04-22-2021	1344.06	TPVC	51.50	1292.56
B-919M	05-27-2021	1344.06	TPVC	53.39	1290.67
B-919M	07-07-2021	1344.06	TPVC	51.77	1292.29
B-919M	09-29-2021	1344.06	TPVC	52.11	1291.95
B-919M	11-02-2021	1344.06	TPVC	52.28	1291.78
B-919M	02-22-2022	1344.06	TPVC	52.49	1291.57
B-919M	04-18-2022	1344.06	TPVC	52.21	1291.85
B-919M	06-08-2022	1344.06	TPVC	51.90	1292.16
B-919M	07-11-2022	1344.06	TPVC	52.20	1291.86
B-919M	11-02-2022	1344.06	TPVC	52.56	1291.50
B-919M	04-18-2023	1344.06	TPVC	51.59	1292.47
B-919M	07-11-2023	1344.06	TPVC	51.31	1292.75
B-919M	11-06-2023	1344.06	TPVC	51.03	1293.03
B-919D	04-07-2009	1344.13	TPVC	49.18	1294.95
B-919D	07-13-2009	1344.13	TPVC	49.03	1295.10
B-919D	11-10-2009	1344.13	TPVC	49.64	1294.49
B-919D	04-07-2010	1344.13	TPVC	49.43	1294.70
B-919D	07-15-2010	1344.13	TPVC	49.24	1294.89
B-919D	11-02-2010	1344.13	TPVC	49.42	1294.71
B-919D	01-13-2011	1344.13	TPVC	48.71	1295.42
B-919D	04-18-2011	1344.13	TPVC	48.92	1295.21
B-919D	07-12-2011	1344.13	TPVC	48.70	1295.43
B-919D	11-01-2011	1344.13	TPVC	49.70	1294.43
B-919D	04-10-2012	1344.13	TPVC	50.70	1293.43
B-919D	07-18-2012	1344.13	TPVC	50.86	1293.27
B-919D	11-07-2012	1344.13	TPVC	51.08	1293.05
B-919D	04-10-2013	1344.13	TPVC	51.09	1293.04
B-919D	07-08-2013	1344.13	TPVC	50.74	1293.39
B-919D	11-06-2013	1344.13	TPVC	50.19	1293.94
B-919D	04-23-2014	1344.13	TPVC	50.42	1293.71
B-919D	07-16-2014	1344.13	TPVC	50.31	1293.82
B-919D	11-04-2014	1344.13	TPVC	50.73	1293.40
B-919D	04-13-2015	1344.13	TPVC	51.35	1292.78
B-919D	07-20-2015	1344.13	TPVC	51.01	1293.12
B-919D	11-09-2015	1344.13	TPVC	51.40	1292.73
B-919D	04-11-2016	1344.13	TPVC	51.22	1292.91
B-919D	07-11-2016	1344.13	TPVC	51.20	1292.93
B-919D	11-07-2016	1344.13	TPVC	51.84	1292.29
B-919D	04-03-2017	1344.13	TPVC	52.15	1291.98
B-919D	07-24-2017	1344.13	TPVC	51.46	1292.67
B-919D	11-07-2017	1344.13	TPVC	51.44	1292.69
B-919D	04-23-2018	1344.13	TPVC	51.47	1292.66
B-919D	07-09-2018	1344.13	TPVC	51.10	1293.03
B-919D	11-05-2018	1344.13	TPVC	51.76	1292.37
B-919D	04-22-2019	1344.13	TPVC	51.80	1292.33
B-919D	07-08-2019	1344.13	TPVC	51.10	1293.03
B-919D	11-04-2019	1344.13	TPVC	51.39	1292.74
B-919D	04-20-2020	1344.13	TPVC	51.02	1293.11
B-919D	07-13-2020	1344.13	TPVC	51.01	1293.12
B-919D	11-02-2020	1344.13	TPVC	51.27	1292.86
B-919D	04-19-2021	1344.13	TPVC	51.66	1292.47
B-919D	05-27-2021	1344.13	TPVC	51.52	1292.61
B-919D	07-07-2021	1344.13	TPVC	51.86	1292.27
B-919D	09-29-2021	1344.13	TPVC	52.28	1291.85
B-919D	11-01-2021	1344.13	TPVC	52.36	1291.77
B-919D	02-22-2022	1344.13	TPVC	52.60	1291.53
B-919D	04-18-2022	1344.13	TPVC	52.39	1291.74
B-919D	06-08-2022	1344.13	TPVC	52.06	1292.07
B-919D	07-11-2022	1344.13	TPVC	52.29	1291.84
B-919D	11-02-2022	1344.13	TPVC	52.69	1291.44
B-919D	04-18-2023	1344.13	TPVC	51.71	1292.42
B-919D	07-11-2023	1344.13	TPVC	51.40	1292.73
B-919D	11-06-2023	1344.13	TPVC	51.08	1293.05
B-923U	11-08-2016	1357.38	TPVC	39.27	1318.11
B-923U	12-01-2016	1357.38	TPVC	39.44	1317.94
B-923U	01-04-2017	1357.38	TPVC	39.58	1317.80
B-923U	02-02-2017	1357.38	TPVC	39.84	1317.54
B-923U	03-02-2017	1357.38	TPVC	39.95	1317.43
B-923U	04-05-2017	1357.38	TPVC	39.98	1317.40
B-923U	07-25-2017	1357.38	TPVC	38.44	1318.94
B-923U	11-08-2017	1357.38	TPVC	38.88	1318.50
B-923U	04-25-2018	1357.38	TPVC	38.73	1318.65
B-923U	07-10-2018	1357.38	TPVC	37.80	1319.58
B-923U	11-06-2018	1357.38	TPVC	38.93	1318.45
B-923U	04-23-2019	1357.38	TPVC	39.22	1318.16
B-923U	07-09-2019	1357.38	TPVC	37.71	1319.67
B-923U	11-05-2019	1357.38	TPVC	38.61	1318.77
B-923U	04-21-2020	1357.38	TPVC	38.29	1319.09
B-923U	07-16-2020	1357.38	TPVC	37.97	1319.41
B-923U	11-04-2020	1357.38	TPVC	38.87	1318.51
B-923U	04-20-2021	1357.38	TPVC	38.98	1318.40
B-923U	07-07-2021	1357.38	TPVC	38.81	1318.57
B-923U	11-02-2021	1357.38	TPVC	39.67	1317.71

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-923U	04-20-2022	1357.38	TPVC	39.98	1317.40
B-923U	07-12-2022	1357.38	TPVC	39.18	1318.20
B-923U	11-02-2022	1357.38	TPVC	39.99	1317.39
B-923U	04-19-2023	1357.38	TPVC	39.00	1318.38
B-923U	07-12-2023	1357.38	TPVC	38.56	1318.82
B-923U	11-06-2023	1357.38	TPVC	38.18	1319.20
B-924U	11-08-2016	1362.00	TPVC	31.73	1330.27
B-924U	12-01-2016	1362.00	TPVC	32.04	1329.96
B-924U	01-04-2017	1362.00	TPVC	32.35	1329.65
B-924U	02-02-2017	1362.00	TPVC	33.23	1328.77
B-924U	03-02-2017	1362.00	TPVC	33.13	1328.87
B-924U	04-05-2017	1362.00	TPVC	33.60	1328.40
B-924U	07-25-2017	1362.00	TPVC	30.24	1331.76
B-924U	11-08-2017	1362.00	TPVC	30.95	1331.05
B-924U	04-25-2018	1362.00	TPVC	30.55	1331.45
B-924U	07-10-2018	1362.00	TPVC	28.10	1333.90
B-924U	11-06-2018	1362.00	TPVC	30.60	1331.40
B-924U	04-23-2019	1362.00	TPVC	32.06	1329.94
B-924U	07-09-2019	1362.00	TPVC	27.89	1334.11
B-924U	11-05-2019	1362.00	TPVC	30.05	1331.95
B-924U	04-21-2020	1362.00	TPVC	29.27	1332.73
B-924U	07-16-2020	1362.00	TPVC	28.11	1333.89
B-924U	11-04-2020	1362.00	TPVC	31.11	1330.89
B-924U	04-20-2021	1362.00	TPVC	32.10	1329.90
B-924U	07-07-2021	1362.00	TPVC	32.70	1329.30
B-924U	09-29-2021	1362.00	TPVC	32.59	1329.41
B-924U	11-02-2021	1362.00	TPVC	33.54	1328.46
B-924U	04-20-2022	1362.00	TPVC	34.32	1327.68
B-924U	07-12-2022	1362.00	TPVC	32.93	1329.07
B-924U	11-02-2022	1362.00	TPVC	34.55	1327.45
B-924U	04-19-2023	1362.00	TPVC	32.98	1329.02
B-924U	07-12-2023	1362.00	TPVC	31.66	1330.34
B-924U	11-07-2023	1362.00	TPVC	29.96	1332.04
B-924L	11-08-2016	1361.25	TPVC	44.29	1316.96
B-924L	12-01-2016	1361.25	TPVC	44.36	1316.89
B-924L	01-04-2017	1361.25	TPVC	44.48	1316.77
B-924L	02-02-2017	1361.25	TPVC	44.85	1316.40
B-924L	03-02-2017	1361.25	TPVC	44.90	1316.35
B-924L	04-05-2017	1361.25	TPVC	45.03	1316.22
B-924L	07-25-2017	1361.25	TPVC	43.79	1317.46
B-924L	11-08-2017	1361.25	TPVC	44.01	1317.24
B-924L	04-25-2018	1361.25	TPVC	43.84	1317.41
B-924L	07-10-2018	1361.25	TPVC	42.94	1318.31
B-924L	11-06-2018	1361.25	TPVC	43.87	1317.38
B-924L	04-23-2019	1361.25	TPVC	44.35	1316.90
B-924L	07-09-2019	1361.25	TPVC	43.03	1318.22
B-924L	11-05-2019	1361.25	TPVC	43.68	1317.57
B-924L	04-21-2020	1361.25	TPVC	43.41	1317.84
B-924L	07-16-2020	1361.25	TPVC	43.06	1318.19
B-924L	11-04-2020	1361.25	TPVC	43.93	1317.32
B-924L	04-20-2021	1361.25	TPVC	44.05	1317.20
B-924L	07-07-2021	1361.25	TPVC	43.99	1317.26
B-924L	11-02-2021	1361.25	TPVC	44.75	1316.50
B-924L	04-20-2022	1361.25	TPVC	45.15	1316.10
B-924L	07-12-2022	1361.25	TPVC	44.36	1316.89
B-924L	11-02-2022	1361.25	TPVC	45.18	1316.07
B-924L	04-19-2023	1361.25	TPVC	44.29	1316.96
B-924L	07-12-2023	1361.25	TPVC	43.85	1317.40
B-924L	11-06-2023	1361.25	TPVC	43.31	1317.94
B-925U	11-08-2016	1362.76	TPVC	29.33	1333.43
B-925U	12-01-2016	1362.76	TPVC	29.63	1333.13
B-925U	01-04-2017	1362.76	TPVC	30.25	1332.51
B-925U	02-02-2017	1362.76	TPVC	30.99	1331.77
B-925U	03-02-2017	1362.76	TPVC	31.35	1331.41
B-925U	04-05-2017	1362.76	TPVC	31.88	1330.88
B-925U	07-25-2017	1362.76	TPVC	28.49	1334.27
B-925U	11-08-2017	1362.76	TPVC	28.95	1333.81
B-925U	04-25-2018	1362.76	TPVC	28.69	1334.07
B-925U	07-10-2018	1362.76	TPVC	25.74	1337.02
B-925U	11-06-2018	1362.76	TPVC	28.37	1334.39
B-925U	04-23-2019	1362.76	TPVC	29.72	1333.04
B-925U	07-09-2019	1362.76	TPVC	24.68	1338.08
B-925U	11-05-2019	1362.76	TPVC	27.46	1335.30
B-925U	04-21-2020	1362.76	TPVC	26.90	1335.86
B-925U	07-16-2020	1362.76	TPVC	25.70	1337.06
B-925U	11-04-2020	1362.76	TPVC	28.13	1334.63
B-925U	04-20-2021	1362.76	TPVC	28.32	1334.44
B-925U	07-07-2021	1362.76	TPVC	27.38	1335.38
B-925U	11-02-2021	1365.00	TPVC	31.74	1333.26
B-925U	04-20-2022	1365.00	TPVC	32.50	1332.50
B-925U	07-12-2022	1365.00	TPVC	30.83	1334.17
B-925U	11-02-2022	1365.00	TPVC	33.02	1331.98
B-925U	04-19-2023	1365.00	TPVC	30.30	1334.70

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-925U	07-12-2023	1365.00	TPVC	28.92	1336.08
B-925U	11-06-2023	1365.00	TPVC	27.80	1337.20
B-925L	11-08-2016	1362.36	TPVC	44.55	1317.81
B-925L	12-01-2016	1362.36	TPVC	44.59	1317.77
B-925L	01-04-2017	1362.36	TPVC	44.72	1317.64
B-925L	02-02-2017	1362.36	TPVC	45.15	1317.21
B-925L	03-02-2017	1362.36	TPVC	45.17	1317.19
B-925L	04-05-2017	1362.36	TPVC	45.34	1317.02
B-925L	07-25-2017	1362.36	TPVC	44.11	1318.25
B-925L	11-08-2017	1362.36	TPVC	44.31	1318.05
B-925L	04-25-2018	1362.36	TPVC	44.10	1318.26
B-925L	07-10-2018	1362.36	TPVC	43.27	1319.09
B-925L	11-06-2018	1362.36	TPVC	44.13	1318.23
B-925L	04-23-2019	1362.36	TPVC	44.57	1317.79
B-925L	07-09-2019	1362.36	TPVC	43.33	1319.03
B-925L	11-05-2019	1362.36	TPVC	43.92	1318.44
B-925L	04-21-2020	1362.36	TPVC	43.66	1318.70
B-925L	07-16-2020	1362.36	TPVC	43.37	1318.99
B-925L	11-04-2020	1362.36	TPVC	44.22	1318.14
B-925L	04-20-2021	1362.36	TPVC	44.31	1318.05
B-925L	07-07-2021	1362.36	TPVC	44.24	1318.12
B-925L	11-02-2021	1365.05	TPVC	47.66	1317.39
B-925L	04-20-2022	1365.05	TPVC	47.93	1317.12
B-925L	07-13-2022	1365.05	TPVC	47.27	1317.78
B-925L	11-02-2022	1365.05	TPVC	48.06	1316.99
B-925L	04-19-2023	1365.05	TPVC	47.13	1317.92
B-925L	07-12-2023	1365.05	TPVC	46.70	1318.35
B-925L	11-06-2023	1365.05	TPVC	46.16	1318.89
B-926U	11-08-2017	1332.47	TPVC	22.72	1309.75
B-926U	04-24-2018	1332.47	TPVC	21.52	1310.95
B-926U	07-10-2018	1332.47	TPVC	21.92	1310.55
B-926U	11-06-2018	1332.47	TPVC	24.68	1307.79
B-926U	04-23-2019	1332.47	TPVC	24.06	1308.41
B-926U	07-09-2019	1332.47	TPVC	22.11	1310.36
B-926U	11-05-2019	1332.47	TPVC	23.02	1309.45
B-926U	04-21-2020	1332.47	TPVC	23.16	1309.31
B-926U	07-15-2020	1332.47	TPVC	24.07	1308.40
B-926U	11-02-2020	1332.47	TPVC	25.59	1306.88
B-926U	04-20-2021	1332.47	TPVC	24.93	1307.54
B-926U	07-06-2021	1332.47	TPVC	31.28	1301.19
B-926U	09-29-2021	1332.47	TPVC	26.06	1306.41
B-926U	11-02-2021	1332.47	TPVC	26.32	1306.15
B-926U	02-22-2022	1332.47	TPVC	27.06	1305.41
B-926U	04-18-2022	1332.47	TPVC	25.61	1306.86
B-926U	04-20-2022	1332.47	TPVC	25.52	1306.95
B-926U	06-08-2022	1332.47	TPVC	25.03	1307.44
B-926U	07-12-2022	1332.47	TPVC	25.89	1306.58
B-926U	11-01-2022	1332.47	TPVC	27.32	1305.15
B-926U	04-18-2023	1332.47	TPVC	25.50	1306.97
B-926U	07-12-2023	1332.47	TPVC	25.02	1307.45
B-926U	11-06-2023	1332.47	TPVC	25.04	1307.43
B-926L	11-08-2017	1332.68	TPVC	30.91	1301.77
B-926L	04-24-2018	1332.68	TPVC	30.74	1301.94
B-926L	07-10-2018	1332.68	TPVC	30.06	1302.62
B-926L	11-06-2018	1332.68	TPVC	31.19	1301.49
B-926L	04-23-2019	1332.68	TPVC	31.18	1301.50
B-926L	07-09-2019	1332.68	TPVC	30.07	1302.61
B-926L	11-05-2019	1332.68	TPVC	30.72	1301.96
B-926L	04-21-2020	1332.68	TPVC	30.21	1302.47
B-926L	07-15-2020	1332.68	TPVC	30.40	1302.28
B-926L	11-02-2020	1332.68	TPVC	31.07	1301.61
B-926L	04-20-2021	1332.68	TPVC	31.28	1301.40
B-926L	07-06-2021	1332.68	TPVC	25.08	1307.60
B-926L	09-29-2021	1332.68	TPVC	31.95	1300.73
B-926L	11-02-2021	1332.68	TPVC	32.20	1300.48
B-926L	04-20-2022	1332.68	TPVC	32.15	1300.53
B-926L	07-12-2022	1332.68	TPVC	31.80	1300.88
B-926L	11-01-2022	1332.68	TPVC	32.29	1300.39
B-926L	04-18-2023	1332.68	TPVC	31.29	1301.39
B-926L	07-12-2023	1332.68	TPVC	30.95	1301.73
B-926L	11-06-2023	1332.68	TPVC	30.62	1302.06
B-927U	11-07-2017	1345.58	TPVC	44.87	1300.71
B-927U	04-24-2018	1345.58	TPVC	44.39	1301.19
B-927U	07-09-2018	1345.58	TPVC	43.70	1301.88
B-927U	11-06-2018	1345.58	TPVC	45.27	1300.31
B-927U	04-22-2019	1345.58	TPVC	>43.30	<1302.28
B-927U	08-05-2019	1345.58	TPVC	43.79	1301.79
B-927U	11-04-2019	1345.58	TPVC	44.32	1301.26
B-927U	04-20-2020	1345.58	TPVC	43.34	1302.24
B-927U	07-13-2020	1345.58	TPVC	43.49	1302.09
B-927U	11-02-2020	1345.58	TPVC	44.79	1300.79
B-927U	04-19-2021	1345.58	TPVC	44.56	1301.02

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-927U	07-05-2021	1345.58	TPVC	44.60	1300.98
B-927U	09-29-2021	1345.58	TPVC	45.48	1300.10
B-927U	11-01-2021	1345.58	TPVC	45.98	1299.60
B-927U	02-22-2022	1345.58	TPVC	46.49	1299.09
B-927U	04-18-2022	1345.58	TPVC	46.13	1299.45
B-927U	06-08-2022	1345.58	TPVC	45.51	1300.07
B-927U	07-11-2022	1345.58	TPVC	45.82	1299.76
B-927U	11-01-2022	1345.58	TPVC	46.93	1298.65
B-927U	04-18-2023	1345.58	TPVC	45.79	1299.79
B-927U	07-11-2023	1345.58	TPVC	45.37	1300.21
B-927U	11-06-2023	1345.58	TPVC	44.71	1300.87
B-927M	11-07-2017	1345.59	TPVC	48.45	1297.14
B-927M	04-24-2018	1345.59	TPVC	47.45	1298.14
B-927M	07-09-2018	1345.59	TPVC	46.74	1298.85
B-927M	11-06-2018	1345.59	TPVC	48.14	1297.45
B-927M	04-22-2019	1345.59	TPVC	43.80	1301.79
B-927M	08-05-2019	1345.59	TPVC	46.06	1299.53
B-927M	11-04-2019	1345.59	TPVC	47.54	1298.05
B-927M	04-20-2020	1345.59	TPVC	46.73	1298.86
B-927M	07-13-2020	1345.59	TPVC	46.68	1298.91
B-927M	11-02-2020	1345.59	TPVC	47.63	1297.96
B-927M	04-19-2021	1345.59	TPVC	47.49	1298.10
B-927M	07-05-2021	1345.59	TPVC	47.33	1298.26
B-927M	09-29-2021	1345.59	TPVC	48.45	1297.14
B-927M	11-01-2021	1345.59	TPVC	48.78	1296.81
B-927M	04-18-2022	1345.59	TPVC	48.64	1296.95
B-927M	07-11-2022	1345.59	TPVC	48.45	1297.14
B-927M	11-01-2022	1345.59	TPVC	49.27	1296.32
B-927M	04-18-2023	1345.59	TPVC	48.13	1297.46
B-927M	07-11-2023	1345.59	TPVC	47.83	1297.76
B-927M	11-06-2023	1345.59	TPVC	47.49	1298.10
B-927L	11-07-2017	1345.61	TPVC	54.52	1291.09
B-927L	04-24-2018	1345.61	TPVC	54.14	1291.47
B-927L	07-09-2018	1345.61	TPVC	54.01	1291.60
B-927L	11-06-2018	1345.61	TPVC	54.56	1291.05
B-927L	04-22-2019	1345.61	TPVC	54.79	1290.82
B-927L	08-05-2019	1345.61	TPVC	54.41	1291.20
B-927L	11-04-2019	1345.61	TPVC	54.60	1291.01
B-927L	04-20-2020	1345.61	TPVC	54.15	1291.46
B-927L	07-13-2020	1345.61	TPVC	54.13	1291.48
B-927L	11-02-2020	1345.61	TPVC	54.54	1291.07
B-927L	04-19-2021	1345.61	TPVC	54.81	1290.80
B-927L	07-05-2021	1345.61	TPVC	55.05	1290.56
B-927L	09-29-2021	1345.61	TPVC	55.47	1290.14
B-927L	11-01-2021	1345.61	TPVC	55.59	1290.02
B-927L	04-18-2022	1345.61	TPVC	55.46	1290.15
B-927L	07-11-2022	1345.61	TPVC	55.37	1290.24
B-927L	11-01-2022	1345.61	TPVC	55.47	1290.14
B-927L	04-18-2023	1345.61	TPVC	54.60	1291.01
B-927L	07-11-2023	1345.61	TPVC	54.32	1291.29
B-927L	11-06-2023	1345.61	TPVC	54.03	1291.58
B-928U	09-29-2021	1333.75	TPVC	48.33	1285.42
B-928U	11-01-2021	1333.75	TPVC	49.83	1283.92
B-928U	02-22-2022	1333.75	TPVC	48.37	1285.38
B-928U	04-18-2022	1333.75	TPVC	45.11	1288.64
B-928U	06-08-2022	1333.75	TPVC	44.17	1289.58
B-928U	07-11-2022	1333.75	TPVC	45.21	1288.54
B-928U	11-02-2022	1333.75	TPVC	47.45	1286.30
B-928U	04-18-2023	1333.75	TPVC	44.45	1289.30
B-928U	07-11-2023	1333.75	TPVC	45.02	1288.73
B-928U	11-06-2023	1333.75	TPVC	45.15	1288.60
B-928D	09-29-2021	1334.12	TPVC	52.29	1281.83
B-928D	11-01-2021	1334.12	TPVC	52.98	1281.14
B-928D	02-22-2022	1334.12	TPVC	52.07	1282.05
B-928D	04-18-2022	1334.12	TPVC	50.17	1283.95
B-928D	06-08-2022	1334.12	TPVC	49.19	1284.93
B-928D	07-11-2022	1334.12	TPVC	49.83	1284.29
B-928D	11-02-2022	1334.12	TPVC	51.78	1282.34
B-928D	04-18-2023	1334.12	TPVC	49.24	1284.88
B-928D	07-11-2023	1334.12	TPVC	49.66	1284.46
B-928D	11-06-2023	1334.12	TPVC	49.63	1284.49
B-929U	11-02-2022	1376.06	TPVC	43.13	1332.93
B-929U	12-01-2022	1376.06	TPVC	43.54	1332.52
B-929U	03-20-2023	1376.06	TPVC	42.54	1333.52
B-929U	04-19-2023	1376.06	TPVC	42.39	1333.67
B-929U	07-12-2023	1376.06	TPVC	41.91	1334.15
B-929U	11-07-2023	1376.06	TPVC	40.39	1335.67
B-929L	11-02-2022	1375.99	TPVC	47.04	1328.95
B-929L	12-01-2022	1375.99	TPVC	46.97	1329.02
B-929L	03-20-2023	1375.99	TPVC	46.87	1329.12

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-009

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-929L	04-19-2023	1375.99	TPVC	49.25	1326.74
B-929L	07-12-2023	1375.99	TPVC	48.18	1327.81
B-929L	11-07-2023	1375.99	TPVC	45.85	1330.14
B-930U	12-01-2022	1376.69	TPVC	42.09	1334.60
B-930U	03-20-2023	1376.69	TPVC	42.33	1334.36
B-930U	04-19-2023	1376.69	TPVC	42.14	1334.55
B-930U	07-12-2023	1376.69	TPVC	41.49	1335.20
B-930U	11-07-2023	1376.69	TPVC	40.17	1336.52
B-930L	12-01-2022	1376.93	TPVC	69.25	1307.68
B-930L	03-20-2023	1376.93	TPVC	68.67	1308.26
B-930L	04-19-2023	1376.93	TPVC	68.59	1308.34
B-930L	07-12-2023	1376.93	TPVC	68.29	1308.64
B-930L	11-07-2023	1376.93	TPVC	67.37	1309.56
B-931U	11-02-2022	1331.86	TPVC	27.32	1304.54
B-931U	12-01-2022	1331.86	TPVC	27.31	1304.55
B-931U	03-20-2023	1331.86	TPVC	26.85	1305.01
B-931U	04-19-2023	1331.86	TPVC	26.69	1305.17
B-931U	07-12-2023	1331.86	TPVC	26.38	1305.48
B-931U	11-07-2023	1331.86	TPVC	25.63	1306.23
B-931L	11-02-2022	1332.07	TPVC	27.67	1304.40
B-931L	12-01-2022	1332.07	TPVC	27.58	1304.49
B-931L	03-20-2023	1332.07	TPVC	27.07	1305.00
B-931L	04-19-2023	1332.07	TPVC	26.90	1305.17
B-931L	07-12-2023	1332.07	TPVC	26.49	1305.58
B-931L	11-07-2023	1332.07	TPVC	25.70	1306.37

Appendix B.2

Groundwater Analytical Results

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103S	09-18-1984	N		6.6				13			<50								0			***16***			
B-103S	09-27-1984	N		6.6				32			<50								0.02			***16***			
B-103S	02-15-1985	N						27											*3.2*			***17***			
B-103S	06-24-1985	N						21											*670*			***180***			
B-103S	09-13-1985	N						22			75								*114*			***26***			
B-103S	02-06-1986	N			410			5.1			69								*92*			***15***			
B-103S	06-05-1986	N					<0.05	10	0.48	3	31		<0.2	**0.031**		**0.01**	<0.006	<0.02	*59*		<0.05	***11***		<0.01	<0.005
B-103S	11-15-1986	N		*6.4*				10.3			53								*54*			***11***			
B-103S	03-03-1987	N		6.7				8.4			73								*57*			***14***			
B-103S	06-11-1987	N	1305.03	6.6	440	8.3		43			110								*69*			***17***			
B-103S	09-21-1987	N	1304.93	*6.3*	400	8.4		16			220								*94*			***24***			
B-103S	12-29-1987	N	1305.03	6.5	570	2.2		12			210								*90*			***24***			
B-103S	03-29-1988	N	1304.63					13			160								*94*			***22***			
B-103S	07-13-1988	N		6.7	886	15.7		14			150								*78*			***25***			
B-103S	10-17-1988	N	1304.53	6.6	998	11.7		13			190								*120*			***28***			
B-103S	12-20-1988	N		6.8	958	8.1		16			190								*140*			***28***			
B-103S	04-26-1989	N		6.5	837	8.8		8			160								*120*			***22***			
B-103S	07-27-1989	N		*6.4*	968	14		13			170								*150*			***25***			
B-103S	10-26-1989	N		6.6	939	10.2		<1			280			**0.03**			**0.008**	0.01	*180*		<0.005	***27***			
B-103S	02-06-1990	N		7	1002	6.2		7.3			190			**0.04**			**0.009**	0.01	*180*		<0.005	***23***			
B-103S	05-23-1990	N	1304.25	6.6	931	11.6		8.8			100			**0.03**			<0.005	0.02	*190*		<0.005	***23***			
B-103S	08-29-1990	N	1305.13	7.7	950	11.1		8.2			1600			**0.03**			<0.005	<0.01	*210*		<0.005	***20***			
B-103S	12-03-1990	N		*6.11*	947	6.1		8			69			<0.01			<0.005	<0.01	*170*		<0.005	***19***			
B-103S	02-28-1991	N	1305.83	7.2	960	5		33			180			**0.034**			<0.005	<0.01	*200*		<0.005	***19***			
B-103S	07-08-1991	N		*6.2*	720	11.2		7.8			170			**0.04**			<0.005	<0.01	*250*		<0.005	***19***			
B-103S	09-09-1991	N	1306.53	*6.4*	930	14.6		9			110			<0.01			<0.001	<0.002	*210*		<0.01	***22***			
B-103S	01-02-1992	N	1306.03	*6.4*	1061	5.9		13			340			<0.01			<0.001	<0.002	*250*		<0.01	***18***			
B-103S	04-10-1992	N		*6.4*	798	12.8		8			150			<0.01			**0.027**	<0.002	*150*		<0.01	***19***			
B-103S	07-08-1992	N		6.6	855			17			440			<0.01			**0.025**	<0.002	*150*		**0.03**	***19***			
B-103S	10-07-1992	N		*6*	950	12.3		17			300			**0.05**			<0.001	<0.002	*250*		**0.02**	***22***			
B-103S	04-15-1993	N		6.5	696	12.4		23	<0.5		240	1.9							*170*			***14***			
B-103S	05-20-1993	N												<0.01	0.09		<0.001	<0.002			<0.01				<0.001
B-103S	07-15-1993	N						22	<0.5		280	1.9		<0.01	0.14		<0.001	<0.002	*160*		<0.01	***15***			<0.005
B-103S	11-24-1993	N	1303.93	7.2	1210	5.5		27	<0.5		340	1.6		<0.01	0.14		<0.001	<0.002	*260*		<0.01	***18***			<0.005
B-103S	04-13-1994	N	1305.93	6.5	1920	9.8		74	<0.5		1400	1.5		<0.01	0.23		<0.001	<0.002	*320*		<0.01	***44***			<0.005
B-103S	07-07-1994	N	1304.73	*6.2*	1290	20		56	<0.5		780	2.7		<0.01	0.2		**0.008**	0.003	*240*		<0.01	***26***			<0.005
B-103S	11-28-1994	N	1304.43	7	1530	5		59	<0.5		720	2.1		<0.01	0.17		**0.009**	<0.002	*380*		<0.01	***26***			<0.005
B-103S	04-03-1995	N	1304.53	6.7	1387	5.7		47	<0.5		440	2.7		<0.01	0.16		0.004	<0.002			<0.01				<0.005
B-103S	06-12-1995	N	1303.93																						
B-103S	07-13-1995	N	1303.83	6.6	1400	19	<1	62	<0.5		310	2.4		<0.01	0.16		**0.061**	<0.002	*290*		<0.01	***20***			<0.005
B-103S	11-14-1995	N	1304.35	*6.4*	1231	7	<1	48	<0.5		340	3.2							*260*			***15***			
B-103S	11-27-1995	N	1304.65	6.7	960	4.6	0.2							**0.03**	0.13		**0.006**	<0.002			**0.03**				<0.005
B-103S	04-15-1996	N	1304.75	*6.1*	630	4.9	0.2	26	<0.5		140	3.5		<0.01	0.15		0.005	<0.002	*120*		**0.02**	***12***			<0.005
B-103S	07-09-1996	N	1306.35	6.5	750	10.4	0.2	38	<0.5		160	2.1		<0.01	0.12		**0.007**	<0.002	*230*		<0.01	***17***			<0.005
B-103S	11-11-1996	N	1307.15	7	610	5.2	0.2	23	<0.5		96	1.8		<0.01	0.08		0.005	<0.002	<0.01		<0.01	<0.005			<0.005
B-103S	04-07-1997	N	1306.95	6.5	580	0.3	0.2	21	0.1		52	1.27		**0.025**	<0.2		<0.0002	<0.002	*78*		<0.003	***9.3***			<0.02
B-103S	07-07-1997	N	1306.94	*6.2*	430	10.4	0.2	17	<0.1		28	1.7		**0.015**	<0.2		<0.0002	<0.002	*59*		<0.003	***7.1***			<0.02
B-103S	11-11-1997	N	1306.32	*5.3*	380	5	<0.5	19	<0.1		36	1.24		**0.019**	<0.2		**0.0073**	<0.002	*61*		<0.003	***6.6***			<0.02
B-103S	04-13-1998	N	1306.29	*6.4*	220	8.9	<0.5	18	<0.1		36	2.2							*28*			***3***			
B-103S	07-13-1998	N	1305.85	6.7	230	15	<0.5	17	<0.1		49	4.2		**0.02**	<0.1		<0.0002	<0.002	*45*		<0.003	***5.2***			
B-103S	11-16-1998	N	1305.32	6.5	440	6.3	<0.5	16	<0.1		32	1.8							*62*			***6.1***			
B-103S	04-05-1999	N	1302.31	6.6	355	9	0.2	17	<0.1		30	2.2							*68*			***8.5***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Volatile Organic Compounds																														Semi-Volatile Organic Compounds																		
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**6000**	**5**	**10**	**4000**	**100**		**70**	**30**	**75**	**1000**	**81**	**7**	**70**	**1400**	**0.32**	**700**		**2000**	**5**	**13**	**5**	**600**	**1000**	**200**	**5**	**2000**	**2**	**10000**	**10000**	**10000**	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**28000**	**6**	**5**	**0.1**	**280**	**280**	**0.1**	**40**	**100**	**210**	**210**
		SMCL																																																	
B-103S	09-18-1984	N							5				6								**15**																														
B-103S	09-27-1984	N	90			200							8								**30**				9																										
B-103S	02-15-1985	N	74			830																			30																										
B-103S	06-24-1985	N	130	**7**		460							7												40																										
B-103S	09-13-1985	N	200			280							6												20																										
B-103S	02-06-1986	N				140																			39																										
B-103S	06-05-1986	N				68																			6																										
B-103S	11-15-1986	N				110																			9							8																			
B-103S	03-03-1987	N																							14							6																			
B-103S	06-11-1987	N	53																																																
B-103S	09-21-1987	N	150			240							10												79						5																				
B-103S	12-29-1987	N	240			210							11												42																										
B-103S	03-29-1988	N	60			130							8												33																										
B-103S	07-13-1988	N	280			660							7												58																										
B-103S	10-17-1988	N	100			290							11												100																										
B-103S	12-20-1988	N	190			180							8												83																										
B-103S	04-26-1989	N	110		**110**	140							10												82																										
B-103S	07-27-1989	N											8												40																										
B-103S	10-26-1989	N						Tr					9																																						
B-103S	02-06-1990	N	27					Tr					11												52																										
B-103S	05-23-1990	N						Tr					10												30																										
B-103S	08-29-1990	N											9												18																										
B-103S	12-03-1990	N						7					14												28																										
B-103S	02-28-1991	N						Tr					11												29																										
B-103S	07-08-1991	N						Tr					12												42																										
B-103S	09-09-1991	N	160	2		20							10					4					3		70							13																			
B-103S	01-02-1992	N	350	2		520							12					8					3		220							54																			
B-103S	04-10-1992	N	270	1		180							9					3					2		150							11																			
B-103S	07-08-1992	N	260			310							6					3							200							8																			
B-103S	10-07-1992	N	240	1		260							10					5							320							13																			
B-103S	04-15-1993	N	250	1		190							7					4							260							11																			
B-103S	05-20-1993	N																																																	
B-103S	07-15-1993	N	400			320							7					3	20	10					310							8																			
B-103S	11-24-1993	N	600	2		400												4	10	10					440							10																			
B-103S	04-13-1994	N	4800			3200																			1000							20																			
B-103S	07-07-1994	N	1400			1400																			560							10																			
B-103S	11-28-1994	N	1000			1600																			960							10																			
B-103S	04-03-1995	N	680			860																			560							20																			
B-103S	06-12-1995	N																																																	
B-103S	07-13-1995	N	700	<10		300		<100					<20		<20			<10	<100	<100					700		<20					3									100							**390**			
B-103S	11-14-1995	N	600	<10		200		<100					<20		<20			<10	<100	<100					380		<20					10																			
B-103S	11-27-1995	N	510	<10		220		<100					<20		<20			<10	<100	<100					270		<20					<10																			
B-103S	04-15-1996	N	70	<1		<10		<10					<2		<2			1	<10	<10					110		**6**					4																			
B-103S	07-09-1996	N	210	<1		20		<10					3		<2			2	20	10					150		<2					6																			
B-103S	11-11-1996	N	<50	<1		<10		<10					<2		<2			<1	<10	<10					64		<2					2																			
B-103S	04-07-1997	N	<10	<1		<10		1					1		<1			<1	<10	<10					50		<1					<2																			
B-103S	07-07-1997	N	<10	<1		<10		<1					<1		<1			<1	<10	<10					5.8		<1					<2																			
B-103S	11-11-1997	N	<20	<1		<20		<1				15	1.3		<1			<1	<10	<10					<1		<1					<2																			
B-103S	04-13-1998	N	72	<1		37		<1				<1	<1		<1			<1	<10	<10					<1		<1					<2																			
B-103S	07-13-1998	N	<10	<1		<10		1.4				1.3	<1		<1			<1	<10	<10				<10	3.8		<1					<2																			
B-103S	11-16-1998	N	<10	<1		<10		2				1.2	<1		<1			<1	<10	<10				<10	<1		<1					<2																			
B-103S	04-05-1999	N	<10	<1		<10		3.1				2.7	2.1		<1			<1	<10	<10				9.8	13		<1					<2																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103S	07-27-1999	N	1305.2	*6.3*	520	12	0.1	15	<0.1		60	2		**0.023**	<0.2		<0.0005	<0.005	*72*		<0.003	***8.7***			
B-103S	11-17-1999	N	1304.72	7	525	2.8	<0.4	11.3	5.75		110	2.79							*63*			***6.7***			
B-103S	04-10-2000	N	1302.12	6.7	567	7.7	<0.1	23	0.105		65	4.31							*67.6*			***5.65***			
B-103S	07-17-2000	N	1302.14	6.5	600	12.1	<0.1	8.76	0.108		74	3.66		<0.005	0.034		<0.003	<0.01	*0.402*		<0.002	***6.4***			
B-103S	11-13-2000	N	1305.64	*6.4*	688	7.1	0.203	14.5	0.073		48	4.46							*89.6*			***8.26***			
B-103S	04-02-2001	N	1304.73	6.8	564	9	0.129	9.29	1.76		<15	3.35							*97*			***8***			
B-103S	07-09-2001	N	1304.55	6.5	596	17.2	<0.1	8.85	0.029		<15	4.84		**0.034**	0.085		<0.003	0.017	*103*		<0.002	***8.21***			
B-103S	11-05-2001	N	1303.65	6.8	544	6	0.172	8.31	0.028		<15	<0.04							*15.5*			***1.48***			
B-103S	04-15-2002	N	1303.3	*6.4*	438	12.7	0.107	7.1	0.08		<15	3.22							*60.5*			***4.83***			
B-103S	07-15-2002	N	1303.47	*6.3*	578	14.6	0.138	9.12	0.116		<15	3.59	<0.002	**0.029**	0.068	<0.002	<0.003	<0.01	*79*		<0.002	***6.1***		<0.02	<0.01
B-103S	11-18-2002	N	1303.47	6.5	530	7.1	0.27	9.85	0.041		29	4.06							*78.1*			***5.78***			
B-103S	04-07-2003	N	1302.92	6.7	387	7.1	0.154	9.24	0.042		<15	4.02							*56.5*			***4.36***			
B-103S	07-14-2003	N	1299.08	6.5	400	13.6	0.176	8.65	0.025		<15	3.2		**0.009**	0.051		<0.003	<0.01	*46.7*		<0.002	***4.16***			
B-103S	11-03-2003	N	1303.09	6.8	200	12	0.165	8.85	0.029		<15	3.44							*54*			***4.53***			
B-103S	04-05-2004	N	1304.49	6.6	172	5.1	0.103	5.99	0.064		19	2.74							*45.5*			***4.77***			
B-103S	07-06-2004	N		6.7	356	12.8	0.106	2.61	1.07		28	2.88		**0.029**	0.154		<0.003	<0.01	*25*		0.01	***2.19***			
B-103S	11-08-2004	N	1293.98	*6.4*	346	7.1	0.303	7.17	0.177		30	3.86							*46.8*			***4.82***			
B-103S	04-11-2005	N	1304.91	*6.4*	250	8.4	0.303	5.52	0.046		42	3.54							*27*			***3***			
B-103S	07-11-2005	N	1305.47	6.7	318	15.2	1.5	4.5	0.075		148	2.95	<0.002	**0.023**	0.021	<0.002	<0.003	<0.01	*19.2*		0.001	***3***		<0.02	<0.01
B-103S	11-01-2005	N	1294.24	*5.7*	227	10.1	0.224	5.06	0.075		32	2.23							*28.5*			***3.14***			
B-103S	04-10-2006	N	1306.75	*6.1*	143	11.4	0.242	11.6	<0.02		26	3.15							*58.7*			***5.18***			
B-103S	07-10-2006	N	1306.96	*6.4*	450	16.3	0.364	19.6	0.062		23	3.13		**0.033**	0.063		<0.002	**0.12**	*62.5*		<0.02	***5.93***			
B-103S	11-06-2006	N	1306.94	7	20	11	0.129	9.99	0.033		<15	0.269							*37.5*			***3.85***			
B-103S	04-09-2007	N	1306.54	6.9	288	6.3	<0.1	14.3	0.047		<15	1.73							*37.3*			***3.48***			
B-103S	07-23-2007	N	1306.59	6.6	270	14.1	<0.1	5.94	0.096		<15	1.53		**0.034**	0.021		<0.002	<0.02	*19.8*		<0.001	***2.22***			
B-103S	11-05-2007	N	1305.99	6.7	200	9.6	<0.1	11	0.09		<10	1.7		**0.037**					*31.4*			***2.67***			
B-103S	04-21-2008	N	1305.5	7.2	126	17.4	<0.1	4.5	0.03		120	1.6							*13*			***1.5***			
B-103S	07-21-2008	N	1305.46	*6.3*	170	15.4	<0.1	15	<0.02		39	2.4		**0.034**	<0.02		<0.002	<0.02	*17*		<0.001	***1.6***			
B-103S	11-18-2008	N	1306.26	*5.8*	210	7.2	<0.1	26	<0.02		21	1.7							*30*			***2.4***			
B-103S	04-07-2009	N	1306.67	*6.34*	290	8.74	0.1	42	<0.5		130	1.6							*30*			***2.7***			
B-103S	07-14-2009	N	1306.76	*6.12*	290	13.2	<0.1	51	<0.5		30	2.7		**0.044**	0.039		<0.001	<0.001	*39*		<0.001	***3.6***			
B-103S	11-09-2009	N	1306.58	6.5	230	12.5	0.5	58	<0.5		80	1.2							*35*			***2.9***			
B-103S	02-15-2010	N	1306.25	6.6	300	9.4	0.2																		
B-103S	03-10-2010	N	1306.17	*6.3*	310	7.5	0.9																		
B-103S	04-08-2010	N	1305.87	*5.89*	240	11.1	<0.1	39	<0.5		<10	1.1							*19*			***1.8***			
B-103S	05-26-2010	N	1306.66	*5.5*	240	17.5	<0.1																		
B-103S	06-16-2010	N	1306.66	*5.7*	300	13.9	<0.1																		
B-103S	07-12-2010	N	1306.71	*6.31*	290	21.5	<0.1	43	<0.5		17	1.1		**0.041**	0.034		<0.001	<0.001	*37*		<0.001	***3.5***			
B-103S	08-10-2010	N	1306.93	*5.6*	410	18.7	0.3																		
B-103S	09-08-2010	N	1306.84	*5.8*	370	14.2	0.1																		
B-103S	10-05-2010	N	1307.01	*5.9*	350	15.7	<0.1																		
B-103S	11-01-2010	N	1306.86	*6.12*	51	9.2	0.1	56	<0.5		<10	1.4							*44*			***3.4***			
B-103S	12-03-2010	N	1306.89	*6.2*	390	10	<0.1																		
B-103S	01-14-2011	N	1306.9	*6.2*	313	7.2	0.1																		
B-103S	02-17-2011	N	1306.79	*5.9*	359	11.1	0.1																		
B-103S	03-10-2011	N	1306.78	*6.2*	430	8.4	0.2																		
B-103S	04-18-2011	N	1308.32	*6.1*	180	11.7	<0.1	34	<0.5		10	0.8							*16*			***1.6***			
B-103S	07-13-2011	N	1307.54	*5.6*	170	21.8	<0.1	28	<0.5		40	1.1		**0.032**	0.034		<0.001	<0.001	*15*		<0.001	***2***			
B-103S	11-02-2011	N	1306.73	*6.35*	460	5.9	<0.1	47	<0.5		12	1.4							*33*			***3.2***			
B-103S	04-10-2012	N	1305.49	*6.4*	490	11.2	<0.1	57	<0.5		30	1.1							*28*			***2.8***			
B-103S	07-16-2012	N	1305.26	*6.38*	330	24.5	<0.1	48	<0.5		26	1		**0.035**	0.038		<0.001	<0.001	*20*		<0.001	***2.3***			
B-103S	11-06-2012	N	1304.93	6.61	264	10	<0.1	48	<0.5		<10	0.9							*22*			***2.2***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													Semi-Volatile Organic Compounds																	
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																	
B-103S	07-27-1999	N	<10	0.7		<10		4				3.2	3.9		1.1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-17-1999	N	<20	<1		<20		<5				<10	2.5		1.2			<1	<20	<20				<10	<1		<1				<2																		
B-103S	04-10-2000	N	<20	<1		<20		<5				<10	2.4		1.1			<1	<20	<20				<20	<1		<1				<2																		
B-103S	07-17-2000	N	<20	<20		<20		<5				<10	4.5		1.7			<1	<20	<20				<10	<1		<1				<2																		
B-103S	11-13-2000	N	<20	1.3		<20		<5				<10	6		2.4			<1	<20	<20				<10	<1		<1				2.1																		
B-103S	04-02-2001	N	<20	<1		<20		<5				<10	4.5		1.9			<1	<20	<20				<10	<1		<1				<2																		
B-103S	07-09-2001	N	<20	1.2		<20		<5				<10	6.5		2.2			<1	<20	<20				<10	<1		<1				<2																		
B-103S	11-05-2001	N	<20	<1		<20		<5				<10	5.1		1.9			<1	<20	<20				<10	<1		<1				<2																		
B-103S	04-15-2002	N	<20	<1		<20		<5				<10	3.1		1.4			<1	<20	<20				<10	<1		<1				<2																		
B-103S	07-15-2002	N	<20	<1		<20		<5				<10	2.8		1.2			<1	<20	<20				<10	<1		<1				<2																		
B-103S	11-18-2002	N	<20	<1		<20		<5				<10	3		1			<1	<20	<20				<10	<1		<1				<2																		
B-103S	04-07-2003	N	<25	<1		<25		<5				<10	1.7		<1			<1	<20	<20				<10	<1		<1				<2																		
B-103S	07-14-2003	N	<10	<1		<10		<5				<5	1.2		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-03-2003	N	<10	<1		<10		<5				<5	1.4		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-05-2004	N	<10	<1		<10		<5				<5	1.5		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	07-06-2004	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-08-2004	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-11-2005	N	<10	<1		<10		<5				<5	1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	07-11-2005	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-01-2005	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-10-2006	N	<10	<1		<10		<5				<5	<2		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	07-10-2006	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-06-2006	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-09-2007	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	07-23-2007	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-05-2007	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-21-2008	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	07-21-2008	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	11-18-2008	N	<10	<1		<10		<5				<5	<1		<1			<1	<10	<10				<10	<1		<1				<2																		
B-103S	04-07-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	07-14-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	02-15-2010	N																																														
B-103S	03-10-2010	N																																														
B-103S	04-08-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	05-26-2010	N																																														
B-103S	06-16-2010	N																																														
B-103S	07-12-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103S	08-10-2010	N																																														
B-103S	09-08-2010	N																																														
B-103S	10-05-2010	N																																														
B-103S	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	12-03-2010	N																																														
B-103S	01-14-2011	N																																														
B-103S	02-17-2011	N																																														
B-103S	03-10-2011	N																																														
B-103S	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	07-13-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	11-02-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	07-16-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		
B-103S	11-06-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103S	04-10-2013	N	1304.49	6.77	180	8.1	<0.1	19	<0.5		77	1.6							*11*			***1.4***			
B-103S	07-08-2013	N	1305.07	*6.1*	200	18.5	<0.1	19	<0.5		15	0.7		**0.042**	0.025		<0.001	<0.001	*10*		<0.001	***1.1***			
B-103S	07-08-2013	FD					<0.1	19	<0.5		13	0.5		**0.044**	0.041		<0.001	<0.001	*12*		<0.001	***1.2***			
B-103S	11-07-2013	N	1305.43	6.51	950	11.9	<0.1	17	<0.5		<10	1.1							*14*			***1.7***			
B-103S	04-22-2014	N	1305.96	*6.36*	210	16.1	<0.1	25	<0.5		25	1.3							*14*			***2***			
B-103S	07-14-2014	N	1305.52	6.72	189	19.5	<0.1	18	<0.5		<10	0.6		**0.038**	0.022		<0.001	<0.001	*12*		<0.001	***1.5***			
B-103S	07-14-2014	FD					<0.1	18	<0.5		<10	0.7		**0.039**	0.019		<0.001	<0.001	*10*		<0.001	***1.4***			
B-103S	11-04-2014	N	1305.1	*6.4*	680	13.3	<0.1	30	<0.5		<10	1							*26*			***2.8***			
B-103S	11-04-2014	FD					<0.1	31	<0.5		<10	1							*24*			***2.5***			
B-103S	04-13-2015	N	1304.62	6.97	129	15.2	<0.1	5	<0.5		<10	0.6							*6.8*			***0.74***			
B-103S	07-21-2015	N	1304.66	6.81	232	18.4	<0.1	21	<0.5		<10	0.7		**0.051**	0.026		<0.001	<0.001	*18*		<0.001	***2***			
B-103S	07-21-2015	FD					<0.1	20	<0.5		<10	0.8		**0.047**	0.024		<0.001	<0.001	*16*		<0.001	***1.9***			
B-103S	11-10-2015	N	1304.26	7.1	240	14.4	<0.1	13	<0.5		<10	0.7							*12*			***1.5***			
B-103S	11-10-2015	FD					<0.1	13	<0.5		<10	0.8							*11*			***1.4***			
B-103S	04-11-2016	N	1304.09	6.74	188	10.8	<0.1	7	<0.5		<10	0.8							*11*			***1.4***			
B-103S	07-11-2016	N	1302.8	7.05	147	14.6	<0.1	6	<0.5		<10	0.7		**0.04**	0.011		<0.001	<0.001	*9.7*		<0.001	***1.1***			
B-103S	07-11-2016	FD					<0.1	6	<0.5		<10	0.6		**0.039**	0.01		<0.001	<0.001	*9.3*		<0.001	***1.1***			
B-103S	11-07-2016	N	1303.67	6.84	214	13.1	<0.1	12	<0.5		<10	0.6							*14*			***1.9***			
B-103S	11-07-2016	FD					<0.1	12	<0.5		<10	0.6							*15*			***1.9***			
B-103S	04-04-2017	N	1303.74	6.74	170	11.5	<0.1	6	<0.5		<10	0.6							*13*			***2.1***			
B-103S	07-25-2017	N	1304.11	7.16	140	15	<0.1	5	<0.5		17	0.6		**0.039**	0.017		<0.001	<0.001	*8.9*		<0.001	***1.4***			
B-103S	07-25-2017	FD					<0.1	5	<0.5		15	0.6		**0.038**	0.012		<0.001	<0.001	*9.1*		<0.001	***1.4***			
B-103S	11-08-2017	N	1304.27	6.94	206	11.6	<0.1	8	<0.5		<10	0.5							*14*			***2.3***			
B-103S	11-08-2017	FD					<0.1	7	<0.5		<10	0.7							*14*			***2.3***			
B-103S	04-24-2018	N	1304.31	6.61	173	15.8	<0.1	9.1	<0.5		<10	<0.5							*13*			***2.3***			
B-103S	04-24-2018	FD					<0.1	8.8	<0.5		<10	<0.5							*13*			***2.3***			
B-103S	07-11-2018	N	1304.16	6.54	143	17.7	<0.1	4	<0.5		<10	<0.5		**0.039**	0.012		<0.001	<0.001	*8.3*		<0.001	***1.2***			
B-103S	07-11-2018	FD					<0.1	3.9	<0.5		<10	<0.5		**0.039**	0.011		<0.001	<0.001	*9.1*		<0.001	***1.4***			
B-103S	11-05-2018	N	1303.79	*6.43*	172	11.3	<0.1	11	<0.5		<10	0.55							*13*			***2.8***			
B-103S	11-05-2018	FD					<0.1	11	<0.5		<10	0.78							*14*			***3***			
B-103S	04-23-2019	N	1304.33	6.51	157	13	<0.1	6.5	<0.5		<10	<0.5							*13*			***2.7***			
B-103S	07-08-2019	N	1304.31	6.77	130	14.8	<0.1	3.2	<0.5		<10	<0.5		**0.037**	0.0097		<0.001	<0.001	*7.8*		<0.001	***1.6***			
B-103S	07-08-2019	FD					<0.1	3	<0.5		<10	<0.5		**0.033**	0.0094		<0.001	<0.001	*6.6*		<0.001	***1.6***			
B-103S	11-05-2019	N	1304.6	6.94	134	12.5	<0.1	4.9	<0.5		<10	0.69							*8.8*			***1.8***			
B-103S	11-05-2019	FD					<0.1	4.6	<0.5		<10	<0.5							*8.8*			***1.7***			
B-103S	04-21-2020	N	1305.03	*6.48*	142	11.3	<0.1	4.1	<0.5		<10	<0.5							*8.2*			***1.6***			
B-103S	07-15-2020	N	1304.67	6.93	111	16.1	<0.1	3.5	<0.5		<10	<0.5		**0.036**	0.008		<0.001	<0.001	*7.6*		<0.001	***1.8***			
B-103S	07-15-2020	FD					<0.1	3.4	<0.5		<10	<0.5		**0.036**	0.0085		<0.001	<0.001	*7.4*		<0.001	***1.8***			
B-103S	11-03-2020	N	1304.4	6.73	186	11.8	<0.1	10	<0.5		14	<0.5							*13*			***2.9***			
B-103S	04-20-2021	N	1304.28	6.91	111	13	<0.1	3.2	<0.5		<10	<0.5							*8*			***2.1***			
B-103S	07-05-2021	N	1303.85	6.64	147	16.3	<0.1	4.9	<0.5		<10	<0.5		**0.039**	0.0099		<0.001	<0.001	*8.9*		<0.001	***2.2***			
B-103S	07-05-2021	FD					<0.1	4.9	<0.5		<10	<0.5		**0.038**	0.0093		<0.001	<0.001	*8.9*		<0.001	***2.2***			
B-103S	09-29-2021	N	1303.57																						
B-103S	11-01-2021	N	1303.37	6.77	111	13.1	<0.1	5.4	<0.5		<10	<0.5							*8.3*			***2.3***			
B-103S	11-01-2021	FD					<0.1	5.1	<0.5		<10	<0.5							*8.2*			***2.3***			
B-103S	02-22-2022	N	1303.33																						
B-103S	04-18-2022	N	1303.46																						
B-103S	04-20-2022	N	1303.43	7.48	147	11.3	<0.1	5.8	<0.5		<10	0.6							*9.1*			***2.5***			
B-103S	06-08-2022	N	1303.3																						
B-103S	07-11-2022	N	1303.15	6.73	164	15.3	<0.1	5.9	<0.5		<10	<0.5		**0.035**	0.01		<0.001	<0.001	*9.2*		<0.001	***2.1***			
B-103S	07-11-2022	FD					<0.1	5.8	<0.5		<10	<0.5		**0.035**	0.01		<0.001	<0.001	*9.3*		<0.001	***2.1***			
B-103S	11-01-2022	N	1302.85	6.87	152	13.1	<0.1	9.5	<0.5		<10	<0.5							*9.7*			***2.6***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-103S	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-08-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-08-2013	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	04-22-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-14-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-14-2014	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-04-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-04-2014	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	04-13-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-21-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-21-2015	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-10-2015	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	04-11-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-11-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-11-2016	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-07-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	11-07-2016	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103S	07-25-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	07-25-2017	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-08-2017	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	04-24-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	07-11-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	07-11-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-05-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	07-08-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	07-08-2019	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	11-05-2019	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-103S	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	07-15-2020	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	11-03-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	07-05-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	07-05-2021	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	09-29-2021	N																														
B-103S	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	11-01-2021	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	02-22-2022	N																														
B-103S	04-18-2022	N																														
B-103S	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	06-08-2022	N																														
B-103S	07-11-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	07-11-2022	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-103S	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-103S	04-10-2013	N																			
B-103S	07-08-2013	N																			
B-103S	07-08-2013	FD																			
B-103S	11-07-2013	N																			
B-103S	04-22-2014	N																			
B-103S	07-14-2014	N																			
B-103S	07-14-2014	FD																			
B-103S	11-04-2014	N																			
B-103S	11-04-2014	FD																			
B-103S	04-13-2015	N																			
B-103S	07-21-2015	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103S	07-21-2015	FD	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103S	11-10-2015	N																			
B-103S	11-10-2015	FD																			
B-103S	04-11-2016	N																			
B-103S	07-11-2016	N																			
B-103S	07-11-2016	FD																			
B-103S	11-07-2016	N																			
B-103S	11-07-2016	FD																			
B-103S	04-04-2017	N																			
B-103S	07-25-2017	N																			
B-103S	07-25-2017	FD																			
B-103S	11-08-2017	N																			
B-103S	11-08-2017	FD																			
B-103S	04-24-2018	N																			
B-103S	04-24-2018	FD																			
B-103S	07-11-2018	N																			
B-103S	07-11-2018	FD																			
B-103S	11-05-2018	N																			
B-103S	11-05-2018	FD																			
B-103S	04-23-2019	N																			
B-103S	07-08-2019	N																			
B-103S	07-08-2019	FD																			
B-103S	11-05-2019	N																			
B-103S	11-05-2019	FD																			
B-103S	04-21-2020	N																			
B-103S	07-15-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103S	07-15-2020	FD	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103S	11-03-2020	N																			
B-103S	04-20-2021	N																			
B-103S	07-05-2021	N																			
B-103S	07-05-2021	FD																			
B-103S	09-29-2021	N																			
B-103S	11-01-2021	N																			
B-103S	11-01-2021	FD																			
B-103S	02-22-2022	N																			
B-103S	04-18-2022	N																			
B-103S	04-20-2022	N																			
B-103S	06-08-2022	N																			
B-103S	07-11-2022	N																			
B-103S	07-11-2022	FD																			
B-103S	11-01-2022	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103S	04-18-2023	N	1303.38	7.1	125	11.7	<0.1	4.3	<0.5		<10	<0.5							*8.3*			***2***			
B-103S	07-10-2023	N	1303.66	7.07	161	14.5	<0.1	5.3	<0.5		<10	<0.5		**0.029**	0.0094		<0.001	<0.001	*8.9*		<0.001	***2.1***			
B-103S	07-10-2023	FD					<0.1	5.3	<0.5		<10	<0.5		**0.03**	0.0094		<0.001	<0.001	*9.2*		<0.001	***2.1***			
B-103S	11-08-2023	N	1304.25	7.71	155	10.1	<0.1	6.4	<0.5		<10	<0.5							*10*			***2.6***			
B-103D	03-03-1987	N		6.6				23			130								*2.6*			***1.4***			
B-103D	06-11-1987	N	1303.63	6.7	440	9.5		14			110								*22*			***9.8***			
B-103D	09-21-1987	N	1303.33	*5.9*	330	8.5		18			140								*25*			***9.6***			
B-103D	12-29-1987	N	1303.43	6.6	480	2		12			47								*23*			***8.3***			
B-103D	03-29-1988	N	1303.23					19			78								*13*			***4.6***			
B-103D	07-13-1988	N		6.8	738	17		15			86								*18*			***11***			
B-103D	10-17-1988	N	1303.23	6.6	704	11.7		11			110								*31*			***11***			
B-103D	12-20-1988	N		6.9	708	8.4		12			85								*35*			***12***			
B-103D	04-26-1989	N		6.6	675	8.6		16			120								*33*			***12***			
B-103D	07-27-1989	N		6.6	718	11.8		11			100								*38*			***12***			
B-103D	10-26-1989	N		6.7	695	10.5		9			140			**0.03**			0.005	<0.01	*44*		<0.005	***14***			
B-103D	02-06-1990	N		7.2	658	5.5		7.6			100			**0.04**			**0.006**	<0.01	*56*		<0.005	***15***			
B-103D	05-23-1990	N	1302.93	6.9	732	10.6		10			59			**0.03**			<0.005	<0.01	*57*		<0.005	***14***			
B-103D	08-29-1990	N	1303.68	7.95	712	13.5		45			180			**0.03**			<0.005	<0.01	*66*		<0.005	***14***			
B-103D	12-03-1990	N		*6.33*	702	6		7			62			**0.018**			<0.005	<0.01	*50*		0.0062	***12***			
B-103D	02-28-1991	N	1304.63	*6.2*	642	8.3		14			96			**0.035**			<0.005	<0.01	*67*		<0.005	***13***			
B-103D	07-08-1991	N		*6.3*	560	11.3		7.9			210			**0.042**			<0.005	<0.01	*83*		<0.005	***13***			
B-103D	09-09-1991	N	1305.03	6.5	699	11.3		7			48			<0.01			<0.001	<0.002	*63*		<0.01	***12***			
B-103D	01-02-1992	N	1304.63	*6.2*	1103	5.4		8			75			<0.01			<0.001	<0.002	*88*		<0.01	***14***			
B-103D	04-10-1992	N		6.6	664	14		6			87			<0.01			**0.013**	<0.002	*73*		<0.01	***14***			
B-103D	07-08-1992	N	1304.83	6.6	750			15			90			**0.03**			**0.01**	<0.002	*97*		**0.02**	***16***			
B-103D	10-07-1992	N	1304.13	6.6	615	12		17			99			**0.04**			<0.001	<0.002	*100*		<0.01	***15***			
B-103D	04-15-1993	N		6.6	629	9.7		25	<0.5		190	1.3							*140*			***16***			
B-103D	05-20-1993	N												<0.01	0.09		0.003	<0.002			<0.01				<0.001
B-103D	07-15-1993	N						31	<0.5		250	1.1		<0.01	0.1		<0.001	<0.002	*110*		<0.01	***16***			<0.005
B-103D	11-24-1993	N	1302.73	7.1	1116	6.7		26	<0.5		220	1		<0.01	0.12		<0.001	<0.002	*180*		<0.01	***19***			<0.005
B-103D	04-13-1994	N	1304.43	6.8	1123	10		26	<0.5		270	<0.5		<0.01	0.12		<0.001	<0.002	*180*		<0.01	***18***			<0.005
B-103D	07-07-1994	N	1303.53	*6.2*	1045	17.8		52	<0.5		400	1		<0.01	0.12		**0.008**	0.004	*180*		<0.01	***19***			<0.005
B-103D	11-28-1994	N	1303.13	7.1	1465	4.5		56	<0.5		520	1		<0.01	0.15		**0.007**	0.003	*230*		<0.01	***22***			<0.005
B-103D	04-03-1995	N	1303.23	6.8	1489	7.3		53	<0.5		410	1.1		<0.01	0.12		0.003	<0.002			<0.01				<0.005
B-103D	06-12-1995	N	1302.73																						
B-103D	07-13-1995	N	1302.53	6.7	1470	19	<1	61	<0.5		360	1.2		**0.03**	0.12		**0.039**	<0.002	*200*		<0.01	***20***			<0.005
B-103D	11-14-1995	N	1302.81	6.5	1415	7.1	<1	59	<0.5		290	1.2							*170*			***19***			
B-103D	11-27-1995	N	1303.8	6.6	1230	5.2	0.3							**0.05**	0.11		**0.007**	<0.002			0.01				<0.005
B-103D	04-15-1996	N	1303.62	*6.2*	1110	5.3	0.3	50	<0.5		56	0.9		<0.01	0.1		0.004	0.006	*100*		0.01	***16***			<0.005
B-103D	07-09-1996	N	1305.12	6.5	720	9.6	0.3	62	<0.5		130	0.9		<0.01	0.1		0.005	<0.002	*120*		<0.01	***15***			<0.005
B-103D	11-11-1996	N	1305.98	6.5	880	4.7	0.4	55	<0.5		84	1.1		<0.01	0.09		0.004	<0.002	<0.01		<0.01	<0.005			<0.005
B-103D	04-07-1997	N	1305.75	6.6	1020	0.4	0.4	55	0.1		54	1.34		**0.06**	<0.2		<0.0002	<0.002	*117*		<0.003	***12.1***			<0.02
B-103D	07-07-1997	N	1305.78	*6.1*	980	13.9	0.4	169	<0.1		48	1.7		**0.054**	<0.2		<0.0002	<0.002	*121*		<0.003	***13***			<0.02
B-103D	11-11-1997	N	1305.23	*6*	660	4.9	<0.5	39	<0.1		69	0.1		**0.043**	<0.2		<0.0002	<0.002	*82*		<0.003	***9.7***			<0.02
B-103D	04-13-1998	N	1305.07	6.5	804	9	<0.5	35	<0.1		28	1.91							*80*			***8.8***			
B-103D	07-13-1998	N	1304.82	6.5	460	14.8	<0.5	23	0.1		99	1.5		**0.044**	<0.1		<0.0002	<0.002	*52*		<0.003	***6.2***			
B-103D	11-16-1998	N	1308.8	*6.3*	610	6.2	<0.5	27	<0.1		55	2.2							*69*			***6.3***			
B-103D	04-05-1999	N	1304.17	*6.4*	550	9	0.2	23	<0.1		20	1.3							*63*			***6.3***			
B-103D	07-27-1999	N	1308.81	*6.4*	748	12	0.2	25	<0.1		60	1.6		**0.034**	<0.2		<0.0005	<0.005	*81*		<0.003	***8***			
B-103D	11-17-1999	N	1304.31	6.8	840	3.4	<0.4	17.3	0.129		67	1.19							*103*			***8.35***			
B-103D	04-10-2000	N	1305.06	6.8	686	7.4	0.255	16.5	0.048		17	2.15							*65.4*			***5.23***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																	
B-103S	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-103S	07-10-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-103S	07-10-2023	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-103S	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-103D	03-03-1987	N																							24						6																					
B-103D	06-11-1987	N	100	5		120																			27																											
B-103D	09-21-1987	N	98			260							5												82					5																					
B-103D	12-29-1987	N	120										9												31																											
B-103D	03-29-1988	N																							19																											
B-103D	07-13-1988	N	152	**6**		324																			42																											
B-103D	10-17-1988	N																							42																											
B-103D	12-20-1988	N	77	**7**									5							36					40																											
B-103D	04-26-1989	N	45										6												35																											
B-103D	07-27-1989	N											7												42																											
B-103D	10-26-1989	N											7												43																											
B-103D	02-06-1990	N											7												54																											
B-103D	05-23-1990	N											7												42																											
B-103D	08-29-1990	N											7												45																											
B-103D	12-03-1990	N											8												43																											
B-103D	02-28-1991	N											6												38																											
B-103D	07-08-1991	N											7												47																											
B-103D	09-09-1991	N		1									7					2							48						8																					
B-103D	01-02-1992	N	100	1									9					4							110						31																					
B-103D	04-10-1992	N	160	1									8					3							96						11																					
B-103D	07-08-1992	N	130			40							6					3							110						9																					
B-103D	10-07-1992	N	140	1		50							9					3							150						11																					
B-103D	04-15-1993	N	270	2		120							9					4							240						15																					
B-103D	05-20-1993	N																																																	
B-103D	07-15-1993	N	560	1		310							10					4	10	20					310						14																					
B-103D	11-24-1993	N	390	1		250							12					3	20	20					320						13																					
B-103D	04-13-1994	N	570	2		310							8					4	20	20					380						12																					
B-103D	07-07-1994	N	1300			950							9					6	50	30					510						25																					
B-103D	11-28-1994	N	1000			1300																			680						20																					
B-103D	04-03-1995	N	840			890																			710						20																					
B-103D	06-12-1995	N																																																	
B-103D	07-13-1995	N	900	<10		800		<100	<0	<100			<20		<20			<10	<100	<100		<200			800	<20					20								640						**460**						
B-103D	11-14-1995	N	500	<10		200		<100	<0	<100			<20		<20			<10	<100	<100		<200			610	<20					20																					
B-103D	11-27-1995	N	630	<10		250		<100	<0	<100			<20		<20			<10	<100	<100		<200			520	<20					10																					
B-103D	04-15-1996	N	<500	<10		<100		<100	<0	<100			<20		<20			<10	<100	<100		<200			630	<20					20																					
B-103D	07-09-1996	N	<500	<10		<100		<100	<0	<100			<20		<20			<10	<100	<100		<200			610	<20					10																					
B-103D	11-11-1996	N	<500	<10		<100		<100	<0	<100			<20		<20			<10	<100	<100		<200			500	<20					<10																					
B-103D	04-07-1997	N	<10	<1		<10		4	<0	<1			5		<1			3	12	25		3			348	1			9	3	12																					
B-103D	07-07-1997	N	<10	<1		<10		4.2	<0	<1			6.2		<1			2.6	<10	21		<1			220	1.1			7.7	2.5	10.2																					**145**
B-103D	11-11-1997	N	<20	<1		<20		4.2	<0	1.6		15	4.6		<1			1.7	<10	<10		<1			130	1.2			5.6	2	7.6																					
B-103D	04-13-1998	N	<10	<1		<10		2	<0	<1		3.7	3.4		<1			<1	<10	<10		<1			57	1			2.7		2.7																					
B-103D	07-13-1998	N	<10	<1		<10		1.9	<0	<1		5.2	3.3		<1	4.9		<1	<10	<10		<1		18	32	<1			2.3		2.3																					
B-103D	11-16-1998	N	<10	<1		<10		3.2	<0	<1		3.3	2.9		<1	6.9		0.7	<10	<10		<1		21	81	0.7			2		2																					
B-103D	04-05-1999	N	<10	<1		<10		4.2	<0	<1		3.8	2.3		<1	4.8		<1	<10	<10		<1		17	44	<1					1.4																					
B-103D	07-27-1999	N	<10	0.9		<10		7.2	<0	<1		3.5	2.2		1.3	8		<1	<10	<10		<1		21	<1	<1					<2																					
B-103D	11-17-1999	N	<20	1.3		<20		5.2	<0	<10		<10	4.5		1.9	<20		<1	<20	<20		<2		10.9	1.6	<1					2.2																					
B-103D	04-10-2000	N	<20	1.2		<20		<5	<0	<10		<10	5.5		2.1	<20		<1	<20	<20		<2		<20	1.1	<1					<2																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103D	07-17-2000	N	1305.73	6.5	672	14	<0.1	8.68	0.04		36	2.27		**0.081**	0.059		<0.003	<0.01	*53.8*		<0.002	***6.93***			
B-103D	11-13-2000	N	1305.2	6.6	620	7.2	0.285	10.6	0.045		24	2.27							*50.7*			***6.13***			
B-103D	04-02-2001	N	1304.27	6.8	491	9.2	0.148	7.97	0.177		<15	2.27							*52*			***6.4***			
B-103D	07-09-2001	N	1304.03	6.6	540	19.9	0.182	7.06	<0.02		<15	1.64		**0.036**	0.05		<0.003	<0.01	*67*		<0.002	***6.2***			
B-103D	11-05-2001	N	1304.12	6.7	492	5.8	0.168	7.55	0.033		<15	2.79							*13.7*			***1.17***			
B-103D	04-15-2002	N	1302.86	6.6	482	14.5	0.153	5.26	0.09		<15	3.82							*43.9*			***4.15***			
B-103D	07-15-2002	N	1303.15	*6.4*	398	14.8	<0.1	6.13	0.176		<15	3.6	<0.002	**0.056**	0.037	<0.002	<0.003	<0.01	*48*		<0.002	***4.26***		<0.02	<0.01
B-103D	11-18-2002	N	1303.15	6.7	325	6.5	<0.1	4.56	0.052		<15	3.37							*35.4*			***3.05***			
B-103D	04-07-2003	N	1302.64	6.9	253	6.8	<0.1	4.71	0.02		<15	3.46							*25.6*			***2.34***			
B-103D	07-14-2003	N	1298.98	6.7	250	13.1	<0.1	3.93	<0.02		<15	2.1		**0.039**	0.022		<0.003	<0.01	*15.3*		<0.002	***2.09***			
B-103D	11-03-2003	N	1299.1	6.9	340	11	<0.1	3.32	<0.02		<15	4.19							*18.3*			***2***			
B-103D	04-05-2004	N	1304.28	6.8	205	4.2	<0.1	3.22	0.081		<15	1.98							*18.5*			***1.86***			
B-103D	07-06-2004	N		*6.3*	363	14.1	0.636	7.63	0.086		20	3.8		**0.04**	0.049		<0.003	<0.01	*43.8*		0.002	***4.01***			
B-103D	11-08-2004	N	1292.9	6.5	202	9	<0.1	3.27	0.092		<15	2.41							*16.2*			***1.67***			
B-103D	04-11-2005	N	1305.15	*5.8*	206	6.1	<0.1	4.35	0.042		<15	1.93							*11.8*			***1.7***			
B-103D	07-11-2005	N	1304.96	6.7	176	15.9	0.297	4.41	0.02		<15	2.4		**0.012**	<0.02		<0.003	<0.01	*7.96*		<0.001	***1.53***			
B-103D	11-01-2005	N	1293.18	*5.8*	175	10.6	<0.1	3.83	0.034		<15	0.233							*12.7*			***1.63***			
B-103D	04-10-2006	N	1306.17	*6.2*	163	12.9	<0.1	3.65	<0.02		<15	1.89							*12.8*			***1.41***			
B-103D	07-10-2006	N	1306.44	6.5	130	14.6	<0.1	4.53	0.076		<15	1.52		**0.03**	<0.02		<0.002	<0.01	*12.5*		<0.02	***1.51***			
B-103D	11-06-2006	N	1306.36	6.61	150	9.5	<0.1	4.94	7.01		<15	2.21							*11.3*			***1.47***			
B-103D	04-09-2007	N	1305.95	6.7	154	6.1	<0.1	4.69	0.112		<15	1.5							*11.3*			***1.45***			
B-103D	07-23-2007	N	1306.08	6.8	139	16.7	<0.1	3.9	<0.02		<15	1.03		**0.031**	<0.02		<0.002	<0.02	*10.3*		<0.001	***1.32***			
B-103D	11-05-2007	N	1305.3	6.6	110	10	<0.1	3.6	0.12		<10	1.1		**0.042**					*8.93*			***1.11***			
B-103D	04-21-2008	N	1304.82	7.55	208	16.5	<0.1	17	0.02		110	2							*11*			***1.6***			
B-103D	07-21-2008	N	1304.93	*6.3*	100	15.7	<0.1	30	<0.2		43	1.9		**0.036**	<0.02		<0.002	<0.02	*16*		<0.001	***1.7***			
B-103D	11-18-2008	N	1305.72	*5.8*	230	7.4	<0.1	45	0.02		35	1.8							*22*			***2.5***			
B-103D	04-07-2009	N	1306.13	*6.28*	250	8.3	<0.1	46	<0.5		90	1.5							*20*			***2.4***			
B-103D	07-14-2009	N	1306.21	*6*	260	13.1	<0.1	63	<0.5		20	1.9		**0.036**	0.026		<0.001	<0.001	*25*		<0.001	***3***			
B-103D	11-09-2009	N	1306.02	6.6	260	12.5	0.4	53	<0.5		30	1.3							*19*			***2.3***			
B-103D	02-15-2010	N	1305.54	6.8	270	8.4	0.2																		
B-103D	03-10-2010	N	1305.48	*6.1*	180	8	0.2																		
B-103D	04-08-2010	N	1305.83	*5.93*	230	10.1	<0.1	25	<0.5		20	1.2							*7.1*			***0.98***			
B-103D	05-26-2010	N	1306.11	*5.7*	160	17.8	<0.1																		
B-103D	06-16-2010	N	1306.11	*5.7*	140	13.6	<0.1																		
B-103D	07-12-2010	N	1306.14	*6.31*	140	19.6	<0.1	26	<0.5		<10	1		**0.029**	0.024		<0.001	<0.001	*6.1*		0.002	***1.2***			
B-103D	08-10-2010	N	1306.34	*5.8*	180	18.6	0.4																		
B-103D	09-08-2010	N	1306.27	*5.9*	180	15	<0.1																		
B-103D	10-05-2010	N	1306.35	*5.9*	200	16.3	<0.1																		
B-103D	11-01-2010	N	1306.23	*5.93*	190	9.2	<0.1	36	<0.5		<10	1							*4.7*			***0.81***			
B-103D	12-03-2010	N	1306.31	*6.3*	220	9.8	<0.1																		
B-103D	01-14-2011	N	1306.31	*6*	250	8.1	<0.1																		
B-103D	02-17-2011	N	1306.2	*5.9*	265	11	<0.1																		
B-103D	03-10-2011	N	1306.17	*6.2*	200	6.8	<0.1																		
B-103D	04-18-2011	N	1307.28	*6.4*	140	10.7	<0.1	43	<0.5		<10	0.8							*1*			***0.52***			
B-103D	07-13-2011	N	1306.9	*6.1*	170	22.7	<0.1	34	<0.5		<10	1		**0.031**	0.015		<0.001	<0.001	*6.1*		<0.001	***1.2***			
B-103D	11-02-2011	N	1306.05	*6.37*	180	7	<0.1	29	<0.5		<10	1.1							*6.1*			***1.3***			
B-103D	04-10-2012	N	1304.77	*6.3*	220	13	<0.1	24	<0.5		10	1							*2*			***0.75***			
B-103D	07-16-2012	N	1304.67	*6.47*	300	24.1	<0.1	20	<0.5		<10	0.8		**0.03**	0.01		<0.001	<0.001	*1.3*		<0.001	***0.65***			
B-103D	11-06-2012	N	1304.31	6.77	127	9	<0.1	13	<0.5		<10	0.9							*2.1*			***0.61***			
B-103D	04-10-2013	N	1303.94	6.8	40	11.7	<0.1	8	<0.5		14	1.1							*0.64*			***0.56***			
B-103D	07-08-2013	N	1304.49	*6.28*	190	16.7	<0.1	7	<0.5		<10	0.5		**0.035**	0.008		<0.001	<0.001	*1.2*		<0.001	***0.46***			
B-103D	11-07-2013	N	1304.95	6.61	1370	12.3	<0.1	6	<0.5		<10	0.8							*2*			***0.55***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-103D	07-17-2000	N	<20	1.5		<20		<5	<0	<10		<10	7.9		3	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	11-13-2000	N	<20	1.9		<20		<5	<0	<10		<10	10.5		3.9	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	04-02-2001	N	<20	1.3		<20		<5	<0	<10		<10	7.2		2.7	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	07-09-2001	N	<20	<1		<20		<5	<0	<10		<10	6		2.4	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	11-05-2001	N	<20	<1		<20		<5	<0	<10		<10	4.9		2	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	04-15-2002	N	<20	<1		<20		<5	<0	<10		<10	3.6		1.1	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	07-15-2002	N	<20	<1		<20		<5	<0	<10		<10	1.9		<1	<20		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	11-18-2002	N	<20	<1		<20		<5	<0	<10		<10	2.1		<1	<10		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	04-07-2003	N	<25	<1		<25		<5	<0	<10		<10	1.1		<1	<10		<1	<20	<20		<2		<10	<1		<1					<2
B-103D	07-14-2003	N	<10	<1		<10		<5	<0	<3		<5	1.1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	11-03-2003	N	<10	<1		<10		<5	<0	<3		<5	1.2		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-05-2004	N	<10	<1		<10		<5	<0	<3		<5	1.3		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	07-06-2004	N	<10	<1		<10		<5	<0	<3		<5	<1		<1	<5		<1	<10	<10		<1		<10	<1		<1					<2
B-103D	11-08-2004	N	<10	<1		<10		<5	<0	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-11-2005	N	<10	<1		<10		<5	<0	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	07-11-2005	N	<10	<1		<10		<5	<0	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	11-01-2005	N	<10	<1		<10		<5	<0	<3		<5	1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-10-2006	N	<10	<1		<10		<5	<1	<3		<5	<2		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	07-10-2006	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	11-06-2006	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-09-2007	N	<10	<1		<10		<5	1.8	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	07-23-2007	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	11-05-2007	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-21-2008	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	07-21-2008	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	11-18-2008	N	<10	<1		<10		<5	<1	<3		<5	<1		<1	<5		<1	<10	<10		<2		<10	<1		<1					<2
B-103D	04-07-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	07-14-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	02-15-2010	N																														
B-103D	03-10-2010	N																														
B-103D	04-08-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	05-26-2010	N																														
B-103D	06-16-2010	N																														
B-103D	07-12-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	08-10-2010	N																														
B-103D	09-08-2010	N																														
B-103D	10-05-2010	N																														
B-103D	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	12-03-2010	N																														
B-103D	01-14-2011	N																														
B-103D	02-17-2011	N																														
B-103D	03-10-2011	N																														
B-103D	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	07-13-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	11-02-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	07-16-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	11-06-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	07-08-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-103D	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-103D	07-17-2000	N																			
B-103D	11-13-2000	N																			
B-103D	04-02-2001	N																			
B-103D	07-09-2001	N																			
B-103D	11-05-2001	N																			
B-103D	04-15-2002	N																			
B-103D	07-15-2002	N																			
B-103D	11-18-2002	N																			
B-103D	04-07-2003	N																			
B-103D	07-14-2003	N																			
B-103D	11-03-2003	N																			
B-103D	04-05-2004	N																			
B-103D	07-06-2004	N																			
B-103D	11-08-2004	N																			
B-103D	04-11-2005	N																			
B-103D	07-11-2005	N																			
B-103D	11-01-2005	N																			
B-103D	04-10-2006	N																			
B-103D	07-10-2006	N																			
B-103D	11-06-2006	N																			
B-103D	04-09-2007	N																			
B-103D	07-23-2007	N																			
B-103D	11-05-2007	N																			
B-103D	04-21-2008	N																			
B-103D	07-21-2008	N																			
B-103D	11-18-2008	N																			
B-103D	04-07-2009	N																			
B-103D	07-14-2009	N																			
B-103D	11-09-2009	N																			
B-103D	02-15-2010	N																			
B-103D	03-10-2010	N																			
B-103D	04-08-2010	N																			
B-103D	05-26-2010	N																			
B-103D	06-16-2010	N																			
B-103D	07-12-2010	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103D	08-10-2010	N																			
B-103D	09-08-2010	N																			
B-103D	10-05-2010	N																			
B-103D	11-01-2010	N																			
B-103D	12-03-2010	N																			
B-103D	01-14-2011	N																			
B-103D	02-17-2011	N																			
B-103D	03-10-2011	N																			
B-103D	04-18-2011	N																			
B-103D	07-13-2011	N																			
B-103D	11-02-2011	N																			
B-103D	04-10-2012	N																			
B-103D	07-16-2012	N																			
B-103D	11-06-2012	N																			
B-103D	04-10-2013	N																			
B-103D	07-08-2013	N																			
B-103D	11-07-2013	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-103D	04-22-2014	N	1304.97	*6.38*	110	15.5	<0.1	6	<0.5		<10	1							*0.9*			***0.57***			
B-103D	07-14-2014	N	1304.88	6.74	118	15.8	<0.1	5	<0.5		<10	<0.5		**0.037**	0.007		<0.001	<0.001	*2.1*		<0.001	***0.58***			
B-103D	11-04-2014	N	1304.48	6.6	110	12	<0.1	4	<0.5		<10	0.9							*2.2*			***0.54***			
B-103D	04-13-2015	N	1304.32	6.87	126	14.4	<0.1	7	<0.5		<10	0.8							*3.1*			***0.58***			
B-103D	07-21-2015	N	1303.98	6.79	103	17.8	<0.1	6	<0.5		<10	0.6		**0.032**	0.007		<0.001	<0.001	*0.47*		<0.001	***0.33***			
B-103D	11-10-2015	N	1303.66	6.93	190	14.9	<0.1	6	<0.5		<10	1.1							*3.7*			***0.7***			
B-103D	04-11-2016	N	1303.75	7.03	175	10.3	<0.1	8	<0.5		<10	0.9							*3.7*			***0.68***			
B-103D	07-11-2016	N	1305.03	7.18	145	15.3	<0.1	7	<0.5		<10	1.3		**0.042**	0.007		<0.001	<0.001	*5.9*		<0.001	***0.86***			
B-103D	11-07-2016	N	1303.32	7.07	135	12.3	<0.1	6	<0.5		<10	0.7							*4.4*			***0.69***			
B-103D	04-04-2017	N	1303.26	6.7	124	10.8	<0.1	7	<0.5		<10	0.8							*3.1*			***1***			
B-103D	07-25-2017	N	1303.66	6.88	99	15	<0.1	7	<0.5		<10	0.73		**0.024**	0.007		<0.001	<0.001	0.25		<0.001	***0.66***			
B-103D	11-08-2017	N	1303.78	6.99	130	11.9	<0.1	4	<0.5		<10	0.7							*5*			***0.99***			
B-103D	04-24-2018	N	1303.9	6.59	107	16	<0.1	3.8	<0.5		<10	0.6							*2.4*			***1.1***			
B-103D	07-11-2018	N	1303.88	*6.19*	118	16.8	<0.1	3	<0.5		<10	0.54		**0.043**	0.0097		<0.001	<0.001	*3*		<0.001	***0.89***			
B-103D	11-05-2018	N	1303.46	*6.41*	96	12.3	<0.1	2.6	<0.5		<10	<0.5							*2.9*			***0.97***			
B-103D	04-23-2019	N	1303.74	6.7	96	12.6	<0.1	3.1	<0.5		<10	0.63							*1.8*			***0.97***			
B-103D	07-08-2019	N	1303.95	6.67	94	14.6	<0.1	3	<0.5		<10	0.5		**0.035**	0.0069		<0.001	<0.001	*0.5*		<0.001	***0.87***			
B-103D	11-05-2019	N	1304.09	6.88	101	12.3	<0.1	2.8	<0.5		<10	0.51							*3.9*			***1***			
B-103D	04-21-2020	N	1304.51	6.74	105	13	<0.1	2.8	<0.5		<10	0.51							*1.6*			***0.94***			
B-103D	07-15-2020	N	1304.25	6.76	96	16.5	<0.1	2.3	<0.5		<10	<0.5		**0.041**	0.0058		<0.001	<0.001	*3.9*		<0.001	***1.2***			
B-103D	11-03-2020	N	1303.9	6.88	90	10.6	<0.1	2.8	<0.5		<10	<0.5							*0.54*			***0.78***			
B-103D	11-03-2020	FD					<0.1	2.3	<0.5		<10	<0.5							*0.51*			***0.8***			
B-103D	04-20-2021	N	1303.8	6.85	83	12.9	<0.1	2.6	<0.5		<10	1							*1.4*			***1***			
B-103D	07-05-2021	N	1303.47	6.75	107	14.6	<0.1	2.4	<0.5		<10	0.5		**0.042**	0.0066		<0.001	<0.001	*3.8*		<0.001	***1.1***			
B-103D	09-29-2021	N	1303.13																						
B-103D	11-01-2021	N	1302.91	6.82	85	13	<0.1	1.9	<0.5		<10	<0.5							*3.9*			***1.2***			
B-103D	04-20-2022	N	1302.94	7.54	406	10.8	<0.1	2.6	<0.5		<10	0.93							*3.7*			***1.2***			
B-103D	07-11-2022	N	1302.81	6.86	113	15.3	<0.1	2	<0.5		<10	1.1		**0.04**	0.0056		<0.001	<0.001	*3.1*		<0.001	***1.2***			
B-103D	11-01-2022	N	1302.48	6.97	101	12.9	<0.1	2	<0.5		<10	<0.5							*4.5*			***1.1***			
B-103D	04-18-2023	N	1303.03	7.08	101	12	<0.1	2	<0.5		<10	0.56							*4.2*			***1.1***			
B-103D	07-10-2023	N	1303.34	7.13	139	15.5	<0.1	1.9	<0.5		<10	<0.5		**0.038**	0.0052		<0.001	<0.001	*6.1*		<0.001	***1.2***			
B-103D	11-08-2023	N	1303.87	7.22	96	10.5	<0.1	2.2	<0.5		<10	<0.5							*2.2*			***0.67***			
B-304UR	04-10-2006	N	1293.9	6.9	175	8.9	<0.1	14.8	0.936		<15	0.447							<0.01			*0.08*			
B-304UR	05-30-2006	N											<0.002	<0.002	<0.02	<0.002	<0.002	<0.01			<0.01			<0.02	<0.01
B-304UR	07-10-2006	N	1291.25	*6.28*	271	20.7	0.269	50	0.963		<15	0.12	<0.002	<0.002	0.031	<0.002	<0.002	<0.01	<0.01		<0.02	0.032		<0.02	<0.01
B-304UR	11-06-2006	N	1290.66	*6.2*	110	7.7	0.251	50.4	0.938		<15	<0.04							<0.02			<0.02			
B-304UR	04-09-2007	N	1290.21	*6.2*	300	9.2	0.42	46.7	0.92		<15	0.216							<0.02			<0.02			
B-304UR	07-23-2007	N	1290.74	*6.3*	364	17.2	0.313	54.7	0.952		<15	0.177	<0.002	<0.002	0.026	<0.002	<0.002	<0.02	<0.02		<0.001	<0.02		<0.02	<0.02
B-304UR	11-05-2007	N	1288.69	*6.1*	240	8.6	0.14	28	0.86		<10	0.29		<0.002					<0.02			<0.02			
B-304UR	04-21-2008	N	1289.62	*6.15*	419	15.2	0.48	60	1.2		38	<0.1							<0.02			<0.02			
B-304UR	07-21-2008	N	1289.78	*5.3*	500	14.6	0.34	60	1.2		<10	0.11							0.23			<0.02			
B-304UR	11-18-2008	N	1290.34	*5.8*	290	4.9	0.16	36	1.1		<10	0.11							<0.02			<0.02			
B-304UR	12-10-2008	N	1290.46	*6*	289	9.6	0.2																		
B-304UR	01-21-2009	N	1290.8	*6.1*	90	5.5	0.2																		
B-304UR	02-19-2009	N	1290.56	*5.8*	370	8	0.2																		
B-304UR	03-18-2009	N	1290.53	*6.2*	240	10	0.1																		
B-304UR	04-06-2009	N	1290.82	*5.98*	410	8.3	0.2	42	1.6		20	<0.5							0.08			0.012			
B-304UR	05-19-2009	N	1291.25	*5.8*	310	13.2	0.3																		
B-304UR	06-11-2009	N	1291.24	*5.9*	320	15.2	0.1																		
B-304UR	07-13-2009	N	1291.36	*5.44*	310	14.1	0.1	30	1.4		<10	<0.5	<0.001	<0.0005	0.03	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	07-30-2009	N																							

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			Volatile Organic Compounds																														Semi-Volatile Organic Compounds																		
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																	
B-103D	04-22-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	07-14-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	11-04-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	04-13-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	07-21-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103D	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	04-11-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	07-11-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	11-07-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-103D	07-25-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	07-11-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	07-08-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-103D	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-103D	11-03-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	11-03-2020	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	07-05-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	09-29-2021	N																																																	
B-103D	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	07-11-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	07-10-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-103D	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-304UR	04-10-2006	N										7.4																																							
B-304UR	05-30-2006	N																																																	
B-304UR	07-10-2006	N										11.1																																							
B-304UR	11-06-2006	N										13.3																																							
B-304UR	04-09-2007	N										11.4																																							
B-304UR	07-23-2007	N																																																	
B-304UR	11-05-2007	N										16.6																																							
B-304UR	04-21-2008	N										10.3																																							
B-304UR	07-21-2008	N																																																	
B-304UR	11-18-2008	N										7.6																																							
B-304UR	12-10-2008	N																																																	
B-304UR	01-21-2009	N																																																	
B-304UR	02-19-2009	N																																																	
B-304UR	03-18-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	10	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-304UR	04-06-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-304UR	05-19-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	10	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-304UR	06-11-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	10	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-304UR	07-13-2009	N																																																	
B-304UR	07-30-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	19	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-304UR	08-24-2009	N	1291.11	*5.8*	560	16.5	<0.1																		
B-304UR	09-14-2009	N	1291	*6.4*	440	14.1	0.2																		
B-304UR	10-14-2009	N	1290.44	*5.39*	320	9.3	0.2																		
B-304UR	11-09-2009	N	1290.15	*5.9*	300	13.1	0.2	34	1.5		<10	<0.5							*0.85*			*0.059*			
B-304UR	12-08-2009	N	1289.97	*6.4*	330	6.8	0.2																		
B-304UR	01-07-2010	N	1289.94	*5.7*	470	8.4	0.2																		
B-304UR	02-09-2010	N	1289.82	*6.4*	380	7	0.2																		
B-304UR	03-09-2010	N	1289.76	*5.5*	360	11.4	0.3																		
B-304UR	04-07-2010	N	1290.28	*5.61*	370	16.1	0.2	33	1.5		<10	<0.5							<0.05			<0.005			
B-304UR	05-25-2010	N	1291.22	*5.4*	360	19	0.1																		
B-304UR	06-15-2010	N	1291.14	*5.5*	330	17.2	0.2																		
B-304UR	07-12-2010	N	1291.08	*5.6*	350	19.1	0.2	31	1.6		<10	<0.5							<0.05			<0.005			
B-304UR	08-09-2010	N	1291.11	*5.4*	340	18.1	0.2																		
B-304UR	09-08-2010	N	1290.81	*5.6*	370	16.1	0.2																		
B-304UR	10-05-2010	N	1290.42	*5.7*	370	15.4	0.2																		
B-304UR	11-01-2010	N	1290.49	*5.99*	470	9.4	0.2	31	2		<10	<0.5							<0.05			<0.005			
B-304UR	12-02-2010	N	1290.7	*5.9*	320	9.9	0.2																		
B-304UR	01-13-2011	N	1290.95	*8.6*	311	5.9	0.2																		
B-304UR	02-16-2011	N	1290.68	*5.8*	333	10.9	0.2																		
B-304UR	03-10-2011	N	1290.34	*5.7*	360	8.4	0.2																		
B-304UR	04-18-2011	N	1291.1	*5.7*	350	10	0.3	29	2		<10	<0.5							<0.05			<0.005			
B-304UR	05-18-2011	N	1292.27	*6.1*	370	13	0.2																		
B-304UR	06-09-2011	N	1292.57	*5.7*	370	15.3	0.2																		
B-304UR	07-12-2011	N	1291.96	7.1	250	20.4	0.2	28	1.7		<10	<0.5	<0.001	<0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	08-09-2011	N	1291.1	*5.6*	320	16	0.1																		
B-304UR	09-06-2011	N	1290.56	*5.5*	290	14.2	0.2																		
B-304UR	10-03-2011	N	1290.91	*5.8*	240	14.9	0.1																		
B-304UR	11-01-2011	N	1290.4	*6.17*	420	10.5	0.1	22	2		<10	<0.5							<0.05			<0.005			
B-304UR	04-10-2012	N	1289.87	*6.3*	1100	9.6	0.1	15	1.9		<10	<0.5							<0.05			0.014			
B-304UR	07-17-2012	N	1289.63	*6.3*	290	17.6	0.2	22	1.8		<10	<0.5							0.17			0.013			
B-304UR	11-07-2012	N	1289.11	*6.32*	332	9.9	0.2	23	1.6		<10	<0.5							<0.05			<0.005			
B-304UR	04-10-2013	N	1289.49	*6.3*	440	9.9	<0.1	17	2.2		<10	<0.5							<0.05			<0.005			
B-304UR	07-08-2013	N	1290.3	*5.86*	380	17.3	<0.1	21	1.8		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	0.007		0.012	<0.001
B-304UR	11-07-2013	N	1291.18	6.87	541	11.9	0.1	20	2.2		<10	<0.5							<0.05			<0.005			
B-304UR	11-07-2013	FD					<0.1	21	2.2		<10	<0.5							<0.05			<0.005			
B-304UR	04-22-2014	N	1289.94	*5.97*	420	14.5	<0.1	20	2.8		12	<0.5							0.06			0.009			
B-304UR	07-15-2014	N	1291.69	*5.96*	780	20.1	<0.1	24	2.4		<10	<0.5							<0.05			<0.005			
B-304UR	11-05-2014	N	1289.79	*6.22*	700	13.8	<0.1	26	2.7		<10	<0.5							<0.05			<0.005			
B-304UR	04-14-2015	N	1289.24	*6.46*	338	12.9	0.1	25	5.1		<10	<0.5							<0.05			<0.005			
B-304UR	07-20-2015	N	1292.36	*6.13*	379	18.4	<0.1	23	0.9		<10	0.5	<0.001	0.0009	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-304UR	11-10-2015	N	1290.58	*6.44*	440	14.4	<0.1	25	0.6		<10	<0.5							<0.05			<0.005			
B-304UR	04-12-2016	N	1292.62	*6.2*	380	11.7	<0.1	20	0.6		<10	<0.5							<0.05			<0.005			
B-304UR	07-12-2016	N	1290.63	*6.36*	283	17.4	<0.1	19	3.2		<10	<0.5							<0.05			<0.005			
B-304UR	11-07-2016	N	1288.12	*6.25*	267	12.1	<0.1	29	1.8		<10	<0.5							<0.05			<0.005			
B-304UR	04-04-2017	N	1288.16	*6.44*	377	10.1	<0.1	32	5.9		<10	<0.5							<0.05			<0.005			
B-304UR	07-25-2017	N	1291.76	6.83	252	14	<0.1	12	1.5		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	11-07-2017	N	1289.19	6.6	295	11.1	<0.1	33	1.2		<10	<0.5							<0.05			<0.005			
B-304UR	04-23-2018	N	1290.61	*6.35*	285	17.6	0.13	35	1.8		<10	<0.5							<0.05			<0.005			
B-304UR	07-11-2018	N	1291.11	*5.99*	561	18.1	0.63	78	1.4		<10	<0.5							<0.05			<0.005			
B-304UR	07-26-2018	N	1290.64	6.58	518	13.8	0.49	72																	
B-304UR	11-05-2018	N	1288.11	*6.15*	313	11	0.34	57	1.4		<10	<0.5							<0.05			<0.005			
B-304UR	04-23-2019	N	1290.2	6.57	430	11.8	0.53	69	2.2		<10	<0.5							<0.05			0.0057			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																	
B-304UR	08-24-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	09-14-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	10-14-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	12-08-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	01-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	16	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	02-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	8	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	03-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	05-25-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	06-15-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	10	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-12-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	9	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304UR	08-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	09-08-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	9	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	10-05-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	12-02-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	8	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	01-13-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	02-16-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	8	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	03-10-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	05-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	06-09-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-12-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	08-09-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	8	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	09-06-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	9	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	10-03-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	12	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	9	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	10	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-17-2012	N																																																
B-304UR	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-08-2013	N																																																
B-304UR	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	11-07-2013	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-22-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.29	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-15-2014	N																																																
B-304UR	11-05-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	**0.65**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-20-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304UR	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-12-2016	N																																																
B-304UR	11-07-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	**0.65**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304UR	07-25-2017	N																																																
B-304UR	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**0.47**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-304UR	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**0.85**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-304UR	07-11-2018	N																																																
B-304UR	07-26-2018	N																																																
B-304UR	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**0.71**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-304UR	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**1.8**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-304UR	07-08-2019	N	1292.15	*6.48*	327	15.4	0.26	43	1.6		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	11-04-2019	N	1288.91	*6.1*	823	10.8	1.5	200	3.4		15	<0.5							<0.05			0.011			
B-304UR	11-22-2019	N	1289.1	*6.28*	1103	11.3	1.7	220																	
B-304UR	04-21-2020	N	1292.57	*6.26*	309	10.5	<0.1	33	2.3		<10	<0.5							0.15			0.0095			
B-304UR	07-13-2020	N	1290.78	*6.07*	758	17	0.74	110	3.9		11	<0.5							<0.05			0.016			
B-304UR	09-28-2020	N	1288.45	6.5	208	14.2	0.91	130																	
B-304UR	11-03-2020	N	1288.95	*5.98*	1021	9.3	2.4	*280*	7.1		48	0.91							<0.05			*0.051*			
B-304UR	12-15-2020	N	1289.59	*6.35*	792	7.7	0.84	130	5.7		13	0.5							<0.05			0.024			
B-304UR	01-13-2021	N	1291.36	7.13	258	8.6	<0.1	20	1.4		<10	<0.5							<0.05			<0.005			
B-304UR	02-15-2021	N	1291.42	6.7	223	11.2	<0.1	18	1.1		<10	<0.5							<0.05			0.013			
B-304UR	03-17-2021	N	1290.36	*6.45*	298	7.6	0.52	83	2.9		<10	<0.5							<0.05			0.018			
B-304UR	04-19-2021	N	1291.69	*6.41*	264	13.5	<0.1	22	2.1		<10	<0.5							<0.05			<0.005			
B-304UR	05-27-2021	N	1292.08	6.66	196	12.8	<0.1	9.1	<0.5		<10	<0.5	<0.001	<0.001	0.023	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	07-07-2021	N	1290.37	*6.13*	685	17.5	1.5	180	5.1		13	0.53	<0.001	0.0006	0.056	<0.001	<0.001	<0.001	0.073		<0.001	0.0098		0.0024	<0.001
B-304UR	09-29-2021	N	1288.26	*6.2*	642	11.7	1.2	170	9.6		22	0.54	<0.001	0.00085	0.076	<0.001	<0.001	<0.001	<0.05		<0.001	0.02		0.0041	<0.001
B-304UR	11-01-2021	N	1287.6	*5.94*	761	11.5	1.4	180	7.2		13	0.59	<0.001	0.00055	0.061	<0.001	<0.001	<0.001	<0.05		<0.001	0.017		0.0026	<0.001
B-304UR	02-22-2022	N	1288.13	6.9	840	10.2	0.99	130	7.3		20	<0.5	<0.001	0.00084	0.054	<0.001	<0.001	<0.001	<0.05		<0.001	0.029		0.0035	<0.001
B-304UR	04-18-2022	N	1291.26	6.71	207	12.5	<0.1	12	0.81		<10	0.76	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-304UR	06-08-2022	N	1291.63	*6.33*	190	15.1	<0.1	13	0.91		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0019	<0.001
B-304UR	07-11-2022	N	1290.36	*6.27*	371	14.1	0.53	80	6.1		<10	<0.5							<0.05			<0.005			
B-304UR	11-02-2022	N	1289.29	6.74	336	12.7	0.1	22	1.9		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	0.097		<0.001	<0.005		0.001	<0.001
B-304UR	04-18-2023	N	1291.45	6.99	184	11.4	<0.1	16	<0.5		<10	<0.5							<0.05			<0.005			
B-304UR	07-11-2023	N	1290.75	6.66	232	15.3	<0.1	17	1.3		<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-304UR	11-06-2023	N	1290.52	6.79	346	10.6	<0.1	24	3.1		<10	<0.5							<0.05			<0.005			
B-304DR	04-10-2006	N	1291.43	6.7	391	11.3	<0.1	7.57	<0.02		<15	9.88							0.156			***1.44***			
B-304DR	05-30-2006	N											<0.002	<0.002	0.029	<0.002	<0.002	<0.01			<0.01			<0.02	<0.01
B-304DR	07-10-2006	N	1291.78	6.5	387	11.8	0.108	6.76	<0.02		<15	6.39	<0.002	<0.004	0.08	0.002	<0.002	<0.01	*3.85*		<0.02	***1.76***		<0.02	<0.01
B-304DR	11-06-2006	N	1291.29																						
B-304DR	04-09-2007	N	1291.02																						
B-304DR	07-23-2007	N	1291.41	7	394	14.2	<0.1	6.3	0.066		<15	0.333							0.042			***1.39***			
B-304DR	11-05-2007	N	1289.93	6.5	320	8.2	<0.1	6.8	0.12		<10	0.18		0.002					*16.1*			***1.94***			
B-304DR	04-21-2008	N	1290.3	6.56	406	13	<0.1	7.3	0.06		67	0.25							0.26			***1.7***			
B-304DR	07-21-2008	N	1290.33	*5.9*	310	16.2	<0.1	7.1	0.09		16	1.7							0.21			***1.4***			
B-304DR	11-18-2008	N	1291.1	6.7	310	5	<0.1	6.9	0.12		160	0.16							0.21			***1.4***			
B-304DR	04-06-2009	N	1291.34	*6.25*	240	9.8	<0.1	9	<0.5		20	<0.5							<0.05			***1.4***			
B-304DR	07-13-2009	N	1291.71	6.55	180	14	0.1	8	<0.5		<10	<0.5	<0.001	0.0007	0.047	<0.001	<0.001	<0.001	*0.71*		0.002	***1.6***		0.003	<0.001
B-304DR	11-09-2009	N	1280.83	6.6	150	14.2	<0.1	7	<0.5		<10	<0.5							<0.05			***1.4***			
B-304DR	04-07-2010	N	1291	*6.17*	330	16.7	<0.1	10	<0.5		<10	<0.5							<0.05			***1.2***			
B-304DR	07-12-2010	N	1291.54	*6.1*	330	18	<0.1	10	<0.5		<10	<0.5							<0.05			***1.4***			
B-304DR	11-01-2010	N	1291.08	6.5	440	6.9	<0.1	10	<0.5		<10	<0.5							0.28			***1.1***			
B-304DR	01-13-2011	N	1291.45																						
B-304DR	04-18-2011	N	1291.63	*6.16*	180	9.4	<0.1	10	<0.5		<10	<0.5							<0.05			***1***			
B-304DR	07-12-2011	N	1292.35	*6.2*	160	17.9	<0.1	12	0.5		<10	<0.5	<0.001	<0.0005	0.028	<0.001	<0.001	<0.001	<0.05		<0.001	***1.2***		0.003	<0.001
B-304DR	11-01-2011	N	1290.97	6.63	290	9.7	<0.1	10	0.5		<10	<0.5							<0.05			***1.2***			
B-304DR	04-10-2012	N	1290.22	6.5	780	9.5	<0.1	12	0.6		<10	<0.5							0.11			***1.2***			
B-304DR	07-17-2012	N	1290.06	6.7	280	17	<0.1	12	0.6		<10	<0.5							<0.05			***1.1***			
B-304DR	11-07-2012	N	1289.65	6.61	251	9.4	<0.1	12	0.5		<10	<0.5							<0.05			***1***			
B-304DR	04-10-2013	N	1289.72	6.7	370	10.4	<0.1	12	0.6		<10	<0.5							*0.43*			***1.2***			
B-304DR	07-08-2013	N	1290.4	*6.27*	340	18.1	<0.1	12	<0.5		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	***1.1***		0.002	<0.001
B-304DR	11-07-2013	N	1291.19	6.7	300	10.8	<0.1	14	0.7		<10	<0.5							<0.05			***1.2***			
B-304DR	04-22-2014	N	1290.45	6.53	380	15.4	<0.1	15	0.7		<10	<0.5							<0.05			***1.1***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																		
B-304UR	07-08-2019	N																																																	
B-304UR	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**5.4**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-304UR	11-22-2019	N															**6.9**																																			
B-304UR	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	07-13-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.7**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304UR	09-28-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**3.9**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	11-03-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**11**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	12-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**3.2**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	01-13-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	02-15-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	03-17-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.81**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**2.5**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**4.6**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**4.7**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**4.7**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.3**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.27	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	07-11-2022	N																																																
B-304UR	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.38**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304UR	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-304DR	04-10-2006	N										12.6	3.4																																					
B-304DR	05-30-2006	N																																															
B-304DR	07-10-2006	N										18.6	2.7																																					
B-304DR	11-06-2006	N																																															
B-304DR	04-09-2007	N																																															
B-304DR	07-23-2007	N										15.9	1.9																																					
B-304DR	11-05-2007	N										10.1	2.1																																					
B-304DR	04-21-2008	N										18.3	2.5																																					
B-304DR	07-21-2008	N																																															
B-304DR	11-18-2008	N										17.7	1.5				<2																																	
B-304DR	04-06-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	21	2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	07-13-2009	N																																																
B-304DR	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	18	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	15	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	07-12-2010	N																															<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304DR	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	01-13-2011	N																																															
B-304DR	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	12	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	07-12-2011	N																																															
B-304DR	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	12	<2	<1	<2	<5	**0.42**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	**0.48**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	07-17-2012	N																																															
B-304DR	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	12	<2	<1	<2	<5	**0.43**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	11	<2	<1	<2	<5	0.32	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	07-08-2013	N																																															
B-304DR	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	9	<2	<1	<2	<5	0.31	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-304DR	04-22-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-304DR	04-22-2014	FD					<0.1	16	0.8		<10	<0.5							<0.05			***1.1***			
B-304DR	07-15-2014	N	1291.45	*6.31*	310	19.9	<0.1	17	<0.5		<10	0.5							<0.05			***1.2***			
B-304DR	11-05-2014	N	1290.22	6.53	2580	12.7	<0.1	20	0.6		<10	<0.5							<0.05			***1.2***			
B-304DR	04-14-2015	N	1289.51	6.52	306	14.6	<0.1	21	<0.5		<10	0.6							<0.05			***1.2***			
B-304DR	04-14-2015	FD					<0.1	21	<0.5		<10	0.8							<0.05			***1.1***			
B-304DR	07-20-2015	N	1291.52	6.5	443	19.6	<0.1	19	<0.5		14	1.4	<0.001	0.0009	0.024	<0.001	<0.001	<0.001	<0.05		<0.001	***1.2***		0.003	<0.001
B-304DR	11-10-2015	N	1290.43	6.65	310	14	<0.1	24	1.8		<10	0.5							<0.05			***1.5***			
B-304DR	04-12-2016	N	1291.63	6.58	373	11.5	<0.1	14	0.6		<10	<0.5							<0.05			***1.3***			
B-304DR	04-12-2016	FD					<0.1	15	0.6		<10	0.7							<0.05			***1.2***			
B-304DR	07-12-2016	N	1290.54	6.7	347	16.7	<0.1	24	0.8		<10	<0.5							<0.05			***1.2***			
B-304DR	11-07-2016	N	1288.8	*6.35*	277	13.1	<0.1	21	<0.5		<10	<0.5							<0.05			***1.1***			
B-304DR	04-04-2017	N	1288.72	6.61	326	11.3	<0.1	17	<0.5		<10	<0.5							<0.05			***1.9***			
B-304DR	04-04-2017	FD		6.61	326	11.3	<0.1	17	<0.5		<10	<0.5							<0.05			***1.9***			
B-304DR	07-25-2017	N	1291.09	6.86	167	15.3	<0.1	18	<0.5		<10	0.52	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	***1.8***		<0.001	<0.001
B-304DR	11-07-2017	N	1289.56	6.69	299	11	<0.1	24	<0.5		<10	<0.5							0.1			***2.2***			
B-304DR	04-23-2018	N	1290.35	*6.44*	287	15.9	<0.1	24	<0.5		<10	<0.5							0.18			***2.2***			
B-304DR	07-11-2018	N	1290.88	*5.84*	302	17.7	<0.1	25	0.71		<10	<0.5							<0.05			***1.7***			
B-304DR	11-05-2018	N	1288.83	7.04	262	11.4	<0.1	21	<0.5		<10	<0.5							<0.05			***2.3***			
B-304DR	04-23-2019	N	1289.99	6.51	277	11.4	<0.1	25	<0.5		<10	1.3							0.11			***2.5***			
B-304DR	04-23-2019	FD					<0.1	25	<0.5		<10	<0.5							0.13			***2.5***			
B-304DR	07-08-2019	N	1291.57	*6.41*	309	14.6	<0.1	22	0.82		<10	<0.5	<0.001	<0.0005	0.024	<0.001	<0.001	<0.001	<0.05		<0.001	***2.2***		0.0016	<0.001
B-304DR	11-04-2019	N	1289.44	*6.38*	405	11.5	0.24	52	<0.5		<10	<0.5							<0.05			***2.7***			
B-304DR	11-22-2019	N	1289.62	6.75	391	12.4	0.28	54																	
B-304DR	04-21-2020	N	1291.7	*6.42*	424	12.7	0.33	60	<0.5		<10	<0.5							0.068			***3.2***			
B-304DR	04-21-2020	FD					0.36	57	<0.5		<10	<0.5							0.14			***3.1***			
B-304DR	07-13-2020	N	1290.76	*6.45*	510	16	0.65	100	0.69		<10	<0.5							<0.05			***4.6***			
B-304DR	09-28-2020	N	1289.04	6.7	563	15.3	0.52	86																	
B-304DR	11-03-2020	N	1288.95	*6.49*	477	10.2	0.45	68	0.82		<10	<0.5							<0.05			***2.9***			
B-304DR	12-15-2020	N	1289.59	6.75	522	7.1	0.4	61	0.92		<10	<0.5							<0.05			***2.9***			
B-304DR	01-13-2021	N	1290.64	6.99	478	9.1	0.35	55	0.91		<10	<0.5							0.11			***3.1***			
B-304DR	02-15-2021	N	1290.74	6.9	388	10	0.23	42	1.1		10	<0.5							<0.05			***2.3***			
B-304DR	03-17-2021	N	1290.08	6.93	410	9.1	0.31	58	1.4		<10	<0.5							<0.05			***3.4***			
B-304DR	04-19-2021	N	1290.86	6.63	411	12.6	0.2	40	1.3		<10	<0.5							<0.05			***2.8***			
B-304DR	04-19-2021	FD					0.19	40	1.3		<10	<0.5							<0.05			***2.8***			
B-304DR	05-27-2021	N	1291.22	6.61	363	13	0.16	30	1.7		<10	<0.5	<0.001	<0.001	0.039	<0.001	<0.001	<0.001	<0.05		<0.001	***2.5***		0.0023	<0.001
B-304DR	07-07-2021	N	1290.16	*6.34*	538	15.7	0.4	67	2.5		<10	<0.5	<0.001	<0.0005	0.043	<0.001	<0.001	<0.001	<0.05		<0.001	***3.5***		0.0031	<0.001
B-304DR	09-29-2021	N	1288.92	6.54	446	12.6	0.28	53	1.4		<10	<0.5	<0.001	<0.0005	0.04	<0.001	<0.001	<0.001	<0.05		<0.001	***2.7***		0.0027	<0.001
B-304DR	11-01-2021	N	1288.57	*6.49*	325	14.6	0.19	43	1		<10	<0.5	<0.001	<0.0005	0.034	<0.001	<0.001	<0.001	<0.05		<0.001	***2.7***		0.013	<0.001
B-304DR	02-22-2022	N	1288.73	6.5	336	14.9	0.11	37	1.2		<10	<0.5	<0.001	<0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	***2.6***		0.011	<0.001
B-304DR	04-18-2022	N	1290.48	*6.43*	386	14.6	0.14	37	1.1		<10	0.62	<0.001	<0.0005	0.034	<0.001	<0.001	<0.001	<0.05		<0.001	***2.9***		0.0097	<0.001
B-304DR	04-18-2022	FD					0.12	37	1.1		<10	1.3							<0.05			***2.9***			
B-304DR	06-08-2022	N	1290.95	*6.21*	393	17.5	0.12	32	2.2		<10	<0.5	<0.001	<0.0005	0.036	<0.001	<0.001	<0.001	0.16		<0.001	***2.3***		0.01	<0.001
B-304DR	07-11-2022	N	1290.26	*6.27*	472	15.5	0.17	45	2.7		<10	<0.5							<0.05			***2.7***			
B-304DR	11-02-2022	N	1289.3	*6.44*	328	15.3	0.11	37	1.2		<10	<0.5	<0.001	<0.0005	0.035	<0.001	<0.001	<0.001	<0.05		<0.001	***2.4***		0.01	<0.001
B-304DR	11-02-2022	FD					0.11	37	1.2		<10	<0.5							<0.05			***2.3***			
B-304DR	04-18-2023	N	1290.98	6.7	344	13.3	0.14	36	1.6		<10	<0.5							<0.05			***2.2***			
B-304DR	04-18-2023	FD					0.14	37	1.6		<10	<0.5							<0.05			***2.3***			
B-304DR	07-11-2023	N	1290.63	*6.36*	331	17.2	0.11	32	1		<10	<0.5	<0.001	<0.0005	0.026	<0.001	<0.001	<0.001	<0.05		<0.001	***1.9***		0.014	<0.001
B-304DR	11-06-2023	N	1290.72	*6.44*	302	13.7	<0.1	30	0.7		<10	<0.5							<0.05			***1.7***			
B-304DR	11-06-2023	FD					<0.1	30	0.61		<10	<0.5							<0.05			***1.8***			
MW-604	06-12-1995	N	1291.63																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**6000**	**5**	**10**	**4000**	**100**		**70**	**30**	**75**	**1000**	**81**	**7**	**70**	**1400**	**0.32**	**700**		**2000**	**5**	**13**	**5**	**600**	**1000**	**200**	**5**	**2000**	**2**	**10000**	**10000**	**10000**
		SMCL																														
B-304DR	04-22-2014	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	0.26	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	07-15-2014	N																														
B-304DR	11-05-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-14-2015	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.26	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	07-20-2015	N																														
B-304DR	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	22	<2	<1	<2	<5	**0.58**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-12-2016	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	19	<2	<1	<2	<5	**0.63**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	07-12-2016	N																														
B-304DR	11-07-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	04-04-2017	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-304DR	07-25-2017	N																														
B-304DR	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	07-11-2018	N																														
B-304DR	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	04-23-2019	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	0.27	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	07-08-2019	N																														
B-304DR	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**1**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-304DR	11-22-2019	N															**1.4**															
B-304DR	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	4.3	<1	<0.5	<1	<2	**1.1**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-21-2020	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	4.5	<1	<0.5	<1	<2	**1.3**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	07-13-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**2.9**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	09-28-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**2.1**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	11-03-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.5**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	12-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.2**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	01-13-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	3.1	<1	<0.5	<1	<2	**1.3**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	02-15-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	9.4	<1	<0.5	<1	<2	**1.2**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	03-17-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	2.3	<1	<0.5	<1	<2	**1.2**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	5.9	<1	<0.5	<1	<2	**0.72**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-19-2021	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	5.8	<1	<0.5	<1	<2	**0.75**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	9.3	<1	<0.5	<1	<2	**0.76**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.7**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**1.2**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.7**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.47**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.32	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-18-2022	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.34**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	4.3	<1	<0.5	<1	<2	**0.49**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	07-11-2022	N																														
B-304DR	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.43**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	11-02-2022	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.41**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	2.1	<1	<0.5	<1	<2	**0.5**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	04-18-2023	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	2.2	<1	<0.5	<1	<2	**0.5**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.51**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.27	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-304DR	11-06-2023	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.28	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-604	06-12-1995	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**28000**	**6**	**5**	**0.1**	**280**	**280**	**0.1**	**40**	**100**	**210**	**210**
		SMCL																			
B-304DR	04-22-2014	FD																			
B-304DR	07-15-2014	N																			
B-304DR	11-05-2014	N																			
B-304DR	04-14-2015	N																			
B-304DR	04-14-2015	FD																			
B-304DR	07-20-2015	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304DR	11-10-2015	N																			
B-304DR	04-12-2016	N																			
B-304DR	04-12-2016	FD																			
B-304DR	07-12-2016	N																			
B-304DR	11-07-2016	N																			
B-304DR	04-04-2017	N																			
B-304DR	04-04-2017	FD																			
B-304DR	07-25-2017	N																			
B-304DR	11-07-2017	N																			
B-304DR	04-23-2018	N																			
B-304DR	07-11-2018	N																			
B-304DR	11-05-2018	N																			
B-304DR	04-23-2019	N																			
B-304DR	04-23-2019	FD																			
B-304DR	07-08-2019	N																			
B-304DR	11-04-2019	N																			
B-304DR	11-22-2019	N																			
B-304DR	04-21-2020	N																			
B-304DR	04-21-2020	FD																			
B-304DR	07-13-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-304DR	09-28-2020	N																			
B-304DR	11-03-2020	N																			
B-304DR	12-15-2020	N																			
B-304DR	01-13-2021	N																			
B-304DR	02-15-2021	N																			
B-304DR	03-17-2021	N																			
B-304DR	04-19-2021	N																			
B-304DR	04-19-2021	FD																			
B-304DR	05-27-2021	N																			
B-304DR	07-07-2021	N																			
B-304DR	09-29-2021	N																			
B-304DR	11-01-2021	N																			
B-304DR	02-22-2022	N																			
B-304DR	04-18-2022	N																			
B-304DR	04-18-2022	FD																			
B-304DR	06-08-2022	N																			
B-304DR	07-11-2022	N																			
B-304DR	11-02-2022	N																			
B-304DR	11-02-2022	FD																			
B-304DR	04-18-2023	N																			
B-304DR	04-18-2023	FD																			
B-304DR	07-11-2023	N																			
B-304DR	11-06-2023	N																			
B-304DR	11-06-2023	FD																			
MW-604	06-12-1995	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-604	07-09-1996	N	1281.24	*11.6*	1000	13.6	<0.1	7	<0.5		39	2							0.07			<0.005			
MW-604	07-07-1997	N	1280.79	*11*	490	15.3	<0.1	12	0.1		<20	0.35							<0.03			<0.02			
MW-604	07-13-1998	N	1280.8	*11*	250	10.7	<0.5	4	0.1		27	0.49							<0.05			<0.02			
MW-604	07-27-1999	N	1280.1	*10.7*	276	16	<0.1	3	0.1		23	4.3							0.04			<0.02			
MW-604	07-17-2000	N	1281.45	*9.7*	202	14.2	<0.1	1.83	0.31		18	0.233							0.188			<0.005			
MW-604	07-09-2001	N	1274.05	*9.9*	210	13.7	<0.1	3.28	0.147		<15	0.364		**0.006**	0.028		<0.003	<0.01	0.092		<0.002	0.008			
MW-604	07-15-2002	N	1279.93	7.1	214	14.4	<0.1	3.12	0.212		<15	0.486	<0.002	0.005	0.042	<0.002	<0.003	<0.01	*0.478*		<0.002	0.018		<0.02	<0.01
MW-604	07-14-2003	N	1278.08	7	203	12.4	<0.1	3.25	0.215		<15	1.58							<0.01			<0.005			
MW-604	07-06-2004	N	1279.85	*9.2*	167	16.2	<0.1	<2.5	0.301		584	34.4							0.154			0.015			
MW-604	07-11-2005	N	1279.86	6.5	156	12	<0.1	<2.5	0.281		87	3.5													
MW-604	11-01-2005	N	1273.1	8.3	135	8													*0.922*			0.032			
MW-604	04-10-2006	N	1279.71																						
MW-604	07-10-2006	N	1280.62	*10.2*	210	15.8	<0.1	3.32	0.339		<15	1.55							0.013			<0.005			
MW-604	07-23-2007	N	1279.83	*9.9*	244	17.2	<0.1	3.68	0.031		20	2.07							0.237			<0.02			
MW-604	11-05-2007	N	1279.49																						
MW-604	04-21-2008	N	1279.73																						
MW-604	07-21-2008	N	1281.04	*9.6*	230	15.4	<0.1	<2.5	0.17		75	7.5							*12*			*0.2*			
MW-604	07-13-2009	N	1280.69	7.83	270	14.9	0.1	9	<0.5		220	1.1							0.2			0.03			
MW-604	07-13-2009	FD					0.1	9	<0.5		60	0.7							*0.53*			0.046			
MW-604	11-10-2009	N	1280.17																						
MW-604	07-12-2010	N	1280.46	7.83	250	17.7	0.2	7	<0.5		24	0.8							<0.05			0.049			
MW-604	11-03-2010	N	1280.56																						
MW-604	07-12-2011	N	1281.13	8	210	19	0.1	13	<0.5		32	1.6	<0.001	0.0036	0.046	<0.001	<0.001	<0.001	0.05		<0.001	*0.13*		0.002	<0.001
MW-604	07-17-2012	FD					<0.1	13	<0.5		<10	0.6							*0.68*			*0.19*			
MW-604	07-17-2012	N	1279.48	7.8	290	20.5	<0.1	15	<0.5		24	0.7							*0.57*			*0.19*			
MW-604	07-08-2013	N	1279.65	7.34	340	17.7	<0.1	14	<0.5		24	1.8							0.25			0.041			
MW-604	04-23-2014	N	1279.94																						
MW-604	07-15-2014	N	1280.09	7.3	290	21	<0.1	20	<0.5		46	1.3							<0.05			*0.23*			
MW-604	04-14-2015	N	1279.42																						
MW-604	07-21-2015	N	1279.9	7.29	292	15.2	<0.1	18	<0.5		<10	<0.5							<0.05			*0.074*			
MW-604	04-12-2016	N	1279.72																						
MW-604	07-12-2016	N	1279.47	7.33	286	14.7	<0.1	15	0.6		<10	<0.5							<0.05			0.008			
MW-604	11-07-2016	N	1278.95																						
MW-604	04-03-2017	N	1278.73																						
MW-604	07-25-2017	N	1279.66	7.37	264	14	<0.1	15	0.7		<10	0.6							0.06			0.013			
MW-604	11-07-2017	N	1279.24																						
MW-604	04-24-2018	N	1279.54																						
MW-604	07-11-2018	N	1279.35	*6.32*	289	14.8	<0.1	14	<0.5		10	<0.5							*0.82*			*0.2*			
MW-604	07-11-2018	FD					<0.1	14	<0.5		12	<0.5							*0.77*			*0.22*			
MW-604	11-05-2018	N	1278.88																						
MW-604	04-23-2019	N	1279.33																						
MW-604	07-09-2019	N	1279.82	6.96	255	13.2	<0.1	21	<0.5		<10	<0.5							<0.05			<0.005			
MW-604	11-06-2019	N	1279.12																						
MW-604	04-21-2020	N	1279.69																						
MW-604	07-13-2020	N	1279.43	6.91	240	14.8	<0.1	26	<0.5		14	<0.5							<0.05			0.0086			
MW-604	11-03-2020	N	1279.38																						
MW-604	04-19-2021	N	1279.1																						
MW-604	05-27-2021	N	1279.18	7.03	274	13.4	<0.1	32	<0.5		<10	<0.5	<0.001	<0.001	0.073	<0.001	<0.001	<0.001	<0.05		<0.001	0.011		<0.001	<0.001
MW-604	07-07-2021	N	1278.86	7.21	308	15.2	<0.1	39	<0.5		<10	<0.5	<0.001	0.00064	0.091	<0.001	<0.001	<0.001	<0.05		<0.001	0.013		<0.001	<0.001
MW-604	09-29-2021	N	1278.34	6.89	341	12.6	<0.1	50	<0.5		<10	0.87	<0.001	0.00065	0.13	<0.001	<0.001	0.0013	*0.71*		0.0024	*0.12*		0.0013	<0.001
MW-604	11-01-2021	N	1278.22	7.09	298	10.7	<0.1	36	<0.5		<10	<0.5	<0.001	<0.0005	0.09	<0.001	<0.001	<0.001	0.078		<0.001	0.0067		<0.001	<0.001
MW-604	02-22-2022	N	1278.12	7.2	287	10.1	<0.1	32	<0.5		<10	<0.5	<0.001	<0.0005	0.081	<0.001	<0.001	<0.001	<0.05		<0.001	0.0094		<0.001	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																	
MW-604	07-09-1996	N											<2																																							
MW-604	07-07-1997	N											<1																																							
MW-604	07-13-1998	N											<1																																							
MW-604	07-27-1999	N											<1																																							
MW-604	07-17-2000	N											<1																																							
MW-604	07-09-2001	N											1.3																																							
MW-604	07-15-2002	N																																																	
MW-604	07-14-2003	N											<1																																							
MW-604	07-06-2004	N											<1																																							
MW-604	07-11-2005	N											<1																																							
MW-604	11-01-2005	N																																																	
MW-604	04-10-2006	N																																																	
MW-604	07-10-2006	N											<1																																							
MW-604	07-23-2007	N											<1																																							
MW-604	11-05-2007	N																																																	
MW-604	04-21-2008	N																																																	
MW-604	07-21-2008	N											<1																																							
MW-604	07-13-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	07-13-2009	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	11-10-2009	N																																																	
MW-604	07-12-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	11-03-2010	N																																																
MW-604	07-12-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	07-17-2012	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	07-17-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	07-08-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	04-23-2014	N																																																
MW-604	07-15-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	04-14-2015	N																																																
MW-604	07-21-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	04-12-2016	N																																																
MW-604	07-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
MW-604	11-07-2016	N																																																
MW-604	04-03-2017	N																																																
MW-604	07-25-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
MW-604	11-07-2017	N																																																
MW-604	04-24-2018	N																																																
MW-604	07-11-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
MW-604	07-11-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
MW-604	11-05-2018	N																																																
MW-604	04-23-2019	N																																																
MW-604	07-09-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
MW-604	11-06-2019	N																																																
MW-604	04-21-2020	N																																																
MW-604	07-13-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
MW-604	11-03-2020	N																																																
MW-604	04-19-2021	N																																																
MW-604	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
MW-604	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
MW-604	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
MW-604	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
MW-604	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-604	04-18-2022	N	1278.58	6.97	171	11.6	<0.1	35	<0.5		<10	1.2	<0.001	<0.0005	0.081	<0.001	<0.001	0.0012	<0.05		0.0018	0.0077		0.0013	<0.001
MW-604	06-08-2022	N	1278.82	6.95	330	14.5	<0.1	40	<0.5		<10	0.55	<0.001	0.00059	0.093	<0.001	<0.001	<0.001	<0.05		<0.001	0.015		0.002	<0.001
MW-604	07-11-2022	N	1278.53	7.11	339	14.3	<0.1	26	<0.5		<10	<0.5							*0.37*			0.025			
MW-604	11-02-2022	N	1278.12	7.18	298	12.9	<0.1	25	<0.5		<10	<0.5	<0.001	0.00061	0.091	<0.001	<0.001	<0.001	<0.05		<0.001	*0.052*		<0.001	<0.001
MW-604	04-18-2023	N	1278.11																						
MW-604	07-11-2023	N	1279.59	7.02	256	15.3	<0.1	11	<0.5		<10	<0.5	<0.001	<0.0005	0.057	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
MW-604	11-06-2023	N	1279.44	6.92	236	12.3																			
MW-701	04-07-1997	N	1316.82	*5.8*	290	9.4	0.2	21	0.7		<20	0.38							0.18			***0.5***			
MW-701	06-11-1997	N	1318.07	*6.3*	250	11	0.2	19	0.3		<20	0.18							<0.03			***0.98***			
MW-701	07-07-1997	N	1317.94	*5.8*	293	19	0.2	21	<0.1		<20	0.28		<0.005	<0.2		<0.0002	<0.002	0.08		<0.003	***0.86***			<0.02
MW-701	11-11-1997	N	1315.61	*5.8*	270	3.4																			
MW-701	04-13-1998	N	1318.96	*5.8*	191	8.9	0.79	11	2		<20	0.45							<0.05			***0.34***			
MW-701	07-13-1998	N	1319.02	6.6	150	15.4	<0.5	6	1.4		<20	1		<0.005	<0.1	<0.005	<0.0002	<0.002	<0.05		<0.003	*0.24*		<0.02	<0.02
MW-701	11-16-1998	N	1316.22	*6.3*	230	10.4	<0.5	6	<0.1		27	1							0.04			*0.19*			
MW-701	04-05-1999	N	1318.92	*5.7*	110	11.6	<0.1	3	0.4		<20	0.32							<0.03			*0.14*			
MW-701	07-27-1999	N	1315.86	*6.1*	153	16	<0.1	10	<0.1		<20	0.27							0.05			*0.15*			
MW-701	11-17-1999	N	1317.83	*6.1*	166	5.6	<0.1	6.7	1.85		<15	<0.04							<0.01			*0.192*			
MW-701	04-10-2000	N	1320.82	*5.6*	81	5.1	<0.1	5.29	1.29		<15	0.279							<0.01			*0.181*			
MW-701	07-17-2000	N	1317.62	*5.9*	140	16.4	<0.1	16.9	0.519		<15	0.115	<0.002	<0.005	<0.01	<0.002	<0.003	<0.01	0.011		<0.002	***0.318***		<0.02	<0.01
MW-701	11-13-2000	N	1316.14	*6.2*	125	8.6	<0.1	26.5	0.025		<15	0.124							0.022			***0.64***			
MW-701	04-02-2001	N	1315.48	*5.9*	195	8	<0.1	19.2	0.096		<15	0.173							0.021			***0.408***			
MW-701	07-09-2001	N	1315.75	*6.2*	153	16.4	<0.1	9.95	0.304		<15	0.302							0.016			***0.506***			
MW-701	11-05-2001	N	1312.63	*6.4*	198	7	<0.1	18.3	<0.02		<15	0.526							*0.594*			*0.105*			
MW-701	04-15-2002	N	1319.73	*5.8*	94	8.9	<0.1	5.57	0.802		<15	0.299							<0.01			*0.193*			
MW-701	07-15-2002	N	1317.98	*5.8*	184	14	<0.1	20.4	1.47		<15	0.586	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.002	*0.128*		<0.02	<0.01
MW-701	11-18-2002	N	1315.86	*6.1*	183	4	<0.1	10.4	0.37		<15	1.04							0.021			*0.077*			
MW-701	04-07-2003	N	1316.88	*6*	158	4.4	<0.1	11.2	0.108		<15	0.256							0.068			*0.076*			
MW-701	07-14-2003	N	1315.65	*6*	162	17.6	<0.1	17.2	0.137		<15	0.297	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.002	*0.057*		<0.02	<0.01
MW-701	11-03-2003	N	1318.53	*6*	130	12.2	<0.1	22.8	0.169		<15	0.158							0.011			*0.074*			
MW-701	04-05-2004	N	1318.69	*5.6*	324	4.1	<0.1	10.6	0.107		<15	0.174							<0.01			0.046			
MW-701	07-06-2004	N	1317.05	*5.5*	185	11.2	<0.1	8.92	0.147		<15	0.519							<0.01			0.045			
MW-701	11-08-2004	N	1316.01	6.6	190	9.6	<0.1	12.9	0.154		<15	0.741							0.148			*0.056*			
MW-701	04-11-2005	N	1317.87	7	186	7.5	<0.1	11.7	0.063		<15	0.068							0.013			*0.134*			
MW-701	07-11-2005	N	1317.02	*5.7*	190	11.8	<0.1	40.2	0.09		<15	0.176	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.001	*0.22*		<0.02	<0.01
MW-701	11-01-2005	N	1319.71	*4.9*	151	10.9	<0.1	29.4	0.054		<15	0.199							<0.01			*0.19*			
MW-701	04-10-2006	N	1319.23	*5.7*	90	8.2	<0.1	11.3	0.087		<15	0.1							<0.01			*0.148*			
MW-701	07-10-2006	N	1319.66	*5.2*	100	15.6	<0.1	7.34	0.036		<15	0.268							<0.01			*0.109*			
MW-701	11-06-2006	N	1319.03	*5.5*	130	9.5	<0.1	8.06	<0.02		<15	0.136							<0.02			*0.129*			
MW-701	04-09-2007	N	1319.16	*5.9*	210	6.4	<0.1	9.68	0.142		<15	0.099							<0.02			*0.123*			
MW-701	07-23-2007	N	1317.99	*5.2*	170	16	<0.1	35.4	0.065		<15	0.154	<0.002	<0.002	<0.02	<0.002	<0.002	<0.02	<0.02		<0.001	*0.27*		<0.02	<0.02
MW-701	11-05-2007	N	1315.74	*5.9*	210	9	<0.1	34	0.36		<10	0.46		<0.002					<0.02			*0.274*			
MW-701	04-21-2008	N	1319.19	*5.8*	73	11.6	<0.1	5.6	0.11		<10	0.26							<0.02			0.045			
MW-701	07-21-2008	N	1317.6	*5.9*	150	11.4	<0.1	13	0.08		<10	0.4							<0.02			0.047			
MW-701	11-18-2008	N	1318.58	*5.8*	110	6.5	<0.1	12	<0.02		<10	0.32							<0.02			*0.062*			
MW-701	04-06-2009	N	1320.19	*5.6*	100	5.6	<0.1	9	<0.5		<10	<0.5							<0.05			*0.055*			
MW-701	07-13-2009	N	1319.96	*5.24*	80	10.1	<0.1	10	<0.5		<10	<0.5	<0.001	<0.0005	0.007	<0.001	<0.001	<0.001	<0.05		<0.001	0.032		<0.001	<0.001
MW-701	11-09-2009	N	1317.65	*5.4*	210	10.4	<0.1	40	<0.5		<10	<0.5							<0.05			*0.13*			
MW-701	04-07-2010	N	1320.08	*4.72*	180	7.8	<0.1	13	<0.5		<10	<0.5							<0.05			0.043			
MW-701	07-12-2010	N	1318.4	*5.3*	180	16.4	<0.1	16	0.7		14	<0.5							0.11			*0.15*			
MW-701	11-01-2010	N	1319.27	*5.7*	177	6.4	<0.1	30	<0.5		<10	<0.5							<0.05			*0.13*			
MW-701	01-13-2011	N	1321.47																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																					
MW-604	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
MW-604	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
MW-604	07-11-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
MW-604	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
MW-604	04-18-2023	N																																																		
MW-604	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
MW-604	11-06-2023	N																																																		
MW-701	04-07-1997	N																																																		
MW-701	06-11-1997	N																																																		
MW-701	07-07-1997	N																				<1																															
MW-701	11-11-1997	N																																																		
MW-701	04-13-1998	N																				<1																															
MW-701	07-13-1998	N																																																		
MW-701	11-16-1998	N																				<1		<10																												
MW-701	04-05-1999	N																				<1		<10																												
MW-701	07-27-1999	N																																																		
MW-701	11-17-1999	N																				<2		<10																												
MW-701	04-10-2000	N																				<2		<10																												
MW-701	07-17-2000	N																																																		
MW-701	11-13-2000	N																				<2		<10																												
MW-701	04-02-2001	N																				<2		<10																												
MW-701	07-09-2001	N																																																		
MW-701	11-05-2001	N																				<2		<10																												
MW-701	04-15-2002	N																				<2		<10																												
MW-701	07-15-2002	N																																																		
MW-701	11-18-2002	N																				<2		<10																												
MW-701	04-07-2003	N																				<2		<10																												
MW-701	07-14-2003	N																																																		
MW-701	11-03-2003	N																				<2		<10																												
MW-701	04-05-2004	N																				<2		<10																												
MW-701	07-06-2004	N																																																		
MW-701	11-08-2004	N																				<2		<10																												
MW-701	04-11-2005	N																				6.2		<10																												
MW-701	07-11-2005	N																																																		
MW-701	11-01-2005	N																				<2		<10																												
MW-701	04-10-2006	N																				<2		<10																												
MW-701	07-10-2006	N																																																		
MW-701	11-06-2006	N																				<2		<10																												
MW-701	04-09-2007	N																				<2		<10																												
MW-701	07-23-2007	N																																																		
MW-701	11-05-2007	N																				<2		<10																												
MW-701	04-21-2008	N																				<2		<10																												
MW-701	07-21-2008	N																																																		
MW-701	11-18-2008	N																				<2		<10																												
MW-701	04-06-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
MW-701	07-13-2009	N																																																		
MW-701	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
MW-701	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
MW-701	07-12-2010	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-701	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
MW-701	01-13-2011	N																																																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-701	04-18-2011	N	1320.51	*5.4*	90	5.8	<0.1	12	<0.5		<10	<0.5							<0.05			0.037			
MW-701	07-12-2011	N	1317.46	*5.3*	140	12.5	<0.1	19	<0.5		<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	<0.001	<0.05		<0.001	*0.064*		0.002	<0.001
MW-701	11-01-2011	N	1317.2	*5.75*	220	9.9	<0.1	44	<0.5		<10	<0.5							<0.05			*0.22*			
MW-701	04-10-2012	N	1315.64	*5.8*	170	6.8	0.1	21	1.6		<10	0.5							<0.05			*0.083*			
MW-701	07-16-2012	N	1316.21	6.5	230	15.2	<0.1	48	0.9		<10	<0.5							<0.05			*0.12*			
MW-701	11-06-2012	N	1316.38	*6.3*	200	7.7	<0.1	28	<0.5		<10	<0.5							*0.33*			*0.16*			
MW-701	04-09-2013	N	1315.33	*6.1*	1140	7.6	<0.1	21	<0.5		<10	<0.5							0.1			*0.095*			
MW-701	07-08-2013	N	1316.63	*5.88*	230	12.8	<0.1	25	<0.5		<10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	*0.14*		0.014	<0.001
MW-701	11-06-2013	N	1315.5	*5.87*	213	10.2	<0.1	26	<0.5		<10	<0.5							<0.05			*0.11*			
MW-701	04-23-2014	N	1315.28	*6.36*	250	6.4	<0.1	20	0.8		<10	<0.5							<0.05			0.05			
MW-701	07-14-2014	N	1315.72	*5.65*	520	17.9	<0.1	22	<0.5		<10	<0.5							<0.05			*0.085*			
MW-701	11-04-2014	N	1314.4	*5.8*	280	9.6	<0.1	28	1.3		<10	<0.5							<0.05			0.037			
MW-701	04-14-2015	N	1313.78	*6.2*	269	8.9	<0.1	33	1.5		<10	<0.5							<0.05			0.042			
MW-701	07-20-2015	N	1316	*5.97*	243	14.5	<0.1	37	0.6		<10	<0.5	<0.001	0.0007	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	*0.066*		<0.001	<0.001
MW-701	11-09-2015	N	1315.15	*5.8*	459	12.3	<0.1	41	<0.5		<10	<0.5							<0.05			*0.093*			
MW-701	04-12-2016	N	1318.2	*5.95*	264	4.7	<0.1	52	<0.5		<10	<0.5							<0.05			0.038			
MW-701	07-13-2016	N	1318.11	*5.53*	363	15.2	<0.1	35	<0.5		<10	<0.5							<0.05			0.035			
MW-701	11-08-2016	N	1316.35	*5.96*	184	8.4	<0.1	11	<0.5		<10	<0.5							<0.05			*0.061*			
MW-701	04-03-2017	N	1315.98	*6.28*	267	7.7	<0.1	63	<0.5		<10	<0.5							<0.05			*0.27*			
MW-701	07-24-2017	N	1318.09	*5.63*	182	9.8	<0.1	24	0.5		10	<0.5	<0.001	<0.0005	0.021	<0.001	<0.001	<0.001	<0.05		<0.001	***0.36***		<0.001	<0.001
MW-701	11-07-2017	N	1318.9	*5.78*	147	8.7	<0.1	11	<0.5		<10	<0.5							<0.05			***0.46***			
MW-701	04-23-2018	N	1319.25	*5.9*	223	10.1	<0.1	37	<0.5		<10	<0.5							<0.05			***1.2***			
MW-701	07-10-2018	N	1319.16	*6.08*	202	16.3	<0.1	23	<0.5		<10	<0.5							<0.05			***0.96***			
MW-701	11-06-2018	N	1318.35	*6.42*	115	11.4	<0.1	8.2	<0.5		<10	<0.5							<0.05			*0.078*			
MW-701	04-23-2019	N	1318.53	*6.37*	114	9.1	<0.1	39	<0.5		<10	<0.5							<0.05			***0.64***			
MW-701	07-09-2019	N	1318.65	6.76	240	9.5	<0.1	24	<0.5		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	<0.001	<0.05		<0.001	***0.89***		<0.001	<0.001
MW-701	11-04-2019	N	1317.55	*6.46*	259	10.5	<0.1	15	<0.5	24	17	<0.5							<0.05			*0.16*			
MW-701	01-07-2020	N	1316.28	7.28	402	7	<0.1	14	<0.5	34	<10	<0.5							0.11			***0.59***			
MW-701	04-20-2020	N	1317.18	6.57	350	7.1	<0.1	33	2.5	52	14	<0.5							0.1			***0.65***			
MW-701	07-15-2020	N	1318.26	6.83	256	10.7	<0.1	16	2.1	38	16	<0.5							<0.05			*0.18*			
MW-701	11-02-2020	N	1317.55	6.86	206	7.2	<0.1	6.5	2.8	32	<10	<0.5							<0.05			*0.14*			
MW-701	01-13-2021	N	1317.18	6.52	308	6.7	<0.1	10	0.64	32	<10	<0.5							<0.05			*0.15*			
MW-701	04-19-2021	N	1317.08	7.25	279	7.7	<0.1	22	<0.5	54	<10	<0.5							<0.05			***0.32***			
MW-701	07-06-2021	N	1317.15	6.85	386	11.5	<0.1	22	<0.5	48	<10	<0.5	<0.001	<0.0005	0.0095	<0.001	<0.001	<0.001	<0.05		<0.001	***0.41***		<0.001	<0.001
MW-701	11-01-2021	N	1316.54	6.95	188	10.7	<0.1	11	<0.5	31	<10	<0.5							<0.05			***0.55***			
MW-701	01-06-2022	N	1316.01	7.56	211	7.2	<0.1	9.9	<0.5	31	<10	0.75							<0.05			***0.74***			
MW-701	04-18-2022	N	1316.66	6.53	174	7.8	<0.1	14	0.5	20	<10	<0.5							<0.05			*0.26*			
MW-701	07-12-2022	N	1315.47	6.57	168	11.5	<0.1	9.8	<0.5	22	<10	<0.5							<0.05			***0.44***			
MW-701	11-02-2022	N	1315.15	6.68	228	11.1	<0.1	8.5	0.52	18	<10	0.71							<0.05			***1.2***			
MW-701	01-04-2023	N	1315.82	6.7	230	7.5	<0.1	7	0.97	21	<10	<0.5							<0.05			***1.2***			
MW-701	04-19-2023	N	1315.87	*6.47*	238	6.4	<0.1	5	2	17	<10	0.53							<0.05			***1.3***			
MW-701	07-12-2023	N	1317.77	6.51	222	13.8	<0.1	10	2	21	<10	0.5	<0.001	<0.0005	0.01	<0.001	<0.001	<0.001	<0.05		<0.001	***0.4***		0.0012	<0.001
MW-701	11-06-2023	N	1317.67	*6.46*	202	9.5	<0.1	8.1	1.7	18	<10	<0.5							<0.05			*0.22*			
MW-802	11-16-1998	N	1305.05	*6*	340	8	<0.5	12	<0.1		30	3.32							*32*			***3***			
MW-802	04-05-1999	N	1305.32	6.8	480	9.5	0.1	16	<0.1		29	3.5							*58*			***5.2***			
MW-802	07-27-1999	N	1304.9	6.7	413	11	<0.1	15	<0.1		33	2.3		**0.02**	<0.2		<0.0005	<0.005	*57*		<0.003	***5.5***			0.08
MW-802	11-17-1999	N	1299.93	6.8	556	2.4	<0.4	10.6	0.362		23	1.51		**0.022**	0.074		<0.003	<0.01	*61*		<0.002	***6.22***			<0.01
MW-802	07-17-2000	N	1306.05	*6.4*	494	9.6	0.223	8.68	0.268		36	1.23	<0.002	**0.031**	0.089	<0.002	<0.003	<0.01	*24.5*		<0.002	***9.92***		<0.02	<0.01
MW-802	11-13-2000	N		6.5	502	9.2	0.247	4.47	<0.02		15	2.95							*55.4*			***7.01***			
MW-802	04-02-2001	N	1305.58	*6*	403	4.4	<0.1	4.93	<0.02		<15	2.12							*52*			***8.85***			
MW-802	07-09-2001	N	1304.58	*5.9*	362	12.2	0.137	5.15	<0.02		<15	2							*45*			***8.45***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																							
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																					
MW-701	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-12-2011	N																																																			
MW-701	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	20	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-16-2012	N																																																		
MW-701	11-06-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-09-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-08-2013	N																																																		
MW-701	11-06-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-23-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-14-2014	N																																																		
MW-701	11-04-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-20-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-701	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-13-2016	N																																																	
MW-701	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	04-03-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-701	07-24-2017	N																																																	
MW-701	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	07-10-2018	N																																																	
MW-701	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**0.34**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	07-09-2019	N																																																	
MW-701	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	01-07-2020	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-701	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-701	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	01-13-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	07-06-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	01-06-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	01-04-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	07-12-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-701	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	11-16-1998	N	<10	<1				<1			<1		<1		<1	<5											<1																											
MW-802	04-05-1999	N	<10	<1				3.3			<1		<1		<1	<5											<1																											
MW-802	07-27-1999	N																																																	
MW-802	11-17-1999	N	<20	<1				<5			<1		<1		<1	<20											<1																											
MW-802	07-17-2000	N																																																	
MW-802	11-13-2000	N	<20	<1				<5			<1		4.9		2	<20											1.2																											
MW-802	04-02-2001	N	39.8	<1				<5			<1		3.1		1.8	<20											<1																											
MW-802	07-09-2001	N	<20	1				<5			<1		4		1.8	<20											<1																											

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-802	11-05-2001	N	1303.57	6.6	531	8.6	0.231	14.8	<0.02		<15	1.95							*13.4*			***2.54***			
MW-802	04-15-2002	N	1303.04	*6.3*	673	14.2	0.467	17.7	0.024		31	2.11							*77*			***8.45***			
MW-802	07-15-2002	N	1303.61	*6.13*	476	13.5	0.221	11.6	0.031		<15	2.43	<0.002	**0.033**	0.175	<0.002	<0.003	<0.01	*75*		0.002	***8.15***		<0.02	<0.01
MW-802	11-18-2002	N	1303.39	*6.4*	440	7.6	0.172	8.18	0.033		<15	3.6							*30.6*			***6.46***			
MW-802	04-07-2003	N	1302.81	*6.3*	373	7.6	0.17	9.57	0.038		<15	2.31							*48.5*			***6.65***			
MW-802	07-14-2003	N	1302.99	*6*	427	17.1	0.164	8.77	<0.02		<15	1.92	<0.002	<0.002	0.145	<0.002	<0.003	<0.01	*19.6*		<0.002	***6.1***		<0.02	<0.01
MW-802	11-03-2003	N	1303.16	6.5	360	9.8	0.201	8.12	<0.02		<15	2.32							*55*			***6***			
MW-802	04-05-2004	N	1304.43	*6.4*	366	8.3	<0.1	7.65	0.394		<15	1.77							*42.9*			***6.19***			
MW-802	07-06-2004	N	1288.68	*6.2*	370	17	0.107	7.65	0.359		26	2.29							*41.8*			***6.25***			
MW-802	11-08-2004	N	1291.9	*6.1*	265	9.7	0.121	7.51	0.022		<15	2.44							*41.5*			***6.15***			
MW-802	04-11-2005	N	1304.66	*6.3*	250	11.9	0.143	5.34	0.077		23	2.3							*19*			***3.48***			
MW-802	07-11-2005	N	1304.7	*6.3*	301	17.8	0.864	5.39	0.165		19	3.66	<0.002	**0.026**	0.137	<0.002	<0.003	<0.01	*23.4*		<0.001	***5.65***		<0.02	<0.01
MW-802	11-01-2005	N	1292.09	*5.9*	239	11	0.584	4.63	<0.02		15	3.93							*23.5*			***4.07***			
MW-802	04-10-2006	N	1293.51	*5.8*	256	13	1.38	5.6	<0.02		48	4.45							*20.3*			***4.66***			
MW-802	07-10-2006	N	1306.37	*5.9*	250	18.3	<0.1	6.26	0.115		<15	1.62							*26.9*			***5.12***			
MW-802	11-06-2006	N	1306.14	*5.8*	220	12.1	<0.1	3.69	<0.02		<15	1.61							*29.6*			***4.46***			
MW-802	04-09-2007	N	1306.12	*5.9*	270	9.6	0.336	6.04	0.037		<15	1.74							*32.2*			***5.33***			
MW-802	07-23-2007	N	1306.19	7.4	214	18.4	<0.1	4.73	0.042		<15	0.603	<0.002	**0.027**	0.074	<0.002	<0.002	<0.02	*19.9*		<0.001	***3.73***		<0.02	<0.02
MW-802	11-05-2007	N	1305.6	*6.24*	170	13.9	<0.1	3.6	0.13		<10	1.5		**0.033**					*21.3*			***2.88***			
MW-802	04-21-2008	N	1305.16	*6.1*	450	16.1	0.38	16	0.13		89	2.4		**0.036**					*35*			***5.8***			
MW-802	07-21-2008	N	1305.16	*5.7*	350	18.4	0.18	16	<0.02		<10	1.3							*31*			***4.3***			
MW-802	11-18-2008	N	1306	*5.73*	180	10.5	<0.1	4.8	0.02		30	1.5		**0.036**					*18*			***2.6***			
MW-802	04-06-2009	N	1306.41	*5.95*	240	11.4	0.1	9	<0.5		70	1.6		**0.042**					*19*			***2.3***			
MW-802	04-06-2009	FD					0.1	9	<0.5		50	1.7		**0.041**					*19*			***2.3***			
MW-802	07-13-2009	N	1306.58	*5.84*	190	18.2	<0.1	4	<0.5		10	1.7	<0.001	**0.043**	0.071	<0.001	<0.001	<0.001	*18*		<0.001	***2.3***		0.001	<0.001
MW-802	11-09-2009	N	1306.33	*6.1*	70	16.7	<0.1	3	<0.5		<10	1.5		**0.044**					*13*			***2***			
MW-802	04-07-2010	N	1306.23	*5.51*	290	20.2	0.1	8	<0.5		10	1.9		**0.042**					*23*			***3***			
MW-802	04-07-2010	FD					0.1	8	<0.5		20	2		**0.04**					*25*			***3.1***			
MW-802	07-12-2010	N	1306.49	*5.83*	190	21.4	0.1	5	<0.5		13	1.4							*13*			***2.6***			
MW-802	11-01-2010	N	1306.71	*5.82*	400	11.5	0.1	5	<0.5		<10	1.6		**0.045**					*12*			***2.4***			
MW-802	04-18-2011	N	1307.31	*6.13*	310	13.8	0.1	4	<0.5		<10	1.8		**0.037**					*12*			***2.6***			
MW-802	07-12-2011	N	1307.35	*5.9*	260	20.8	0.2	7	<0.5		22	1.7	<0.001	**0.032**	0.097	<0.001	<0.001	<0.001	*13*		<0.001	***3.9***		0.003	<0.001
MW-802	10-04-2011	N	1306.95	*5.7*	250	16.7	0.2																		
MW-802	11-01-2011	N	1306.65	*5.99*	300	16.8	0.1	7	<0.5		12	2		**0.035**					*19*			***4.1***			
MW-802	12-08-2011	N	1306.22	6.55	290	11.4	0.2																		
MW-802	01-10-2012	N	1306.12	*6.1*	300	14.4	0.2																		
MW-802	02-07-2012	N	1305.88	*6*	240	13.7	0.2																		
MW-802	03-06-2012	N	1305.59	*5.82*	2970	10.5	0.2																		
MW-802	04-10-2012	N	1305.29	*6.1*	890	12.9	0.2	8	<0.5		20	2.6		**0.037**					*16*			***3.6***			
MW-802	05-16-2012	N	1305.33	*5.6*	230	18.8	0.1																		
MW-802	06-12-2012	N	1305.27	*5.8*	180	20.7	<0.1																		
MW-802	07-17-2012	N	1305.08	*6.4*	240	22.6	0.2	9	<0.5		<10	2.2		**0.05**					*15*			***2.8***			
MW-802	08-20-2012	N	1305.11	*6.2*	240	19.8	0.2																		
MW-802	09-14-2012	N	1305.04	*5.83*	640	17.7	0.4																		
MW-802	10-18-2012	N	1304.83	*5.8*	330	17.1	0.4																		
MW-802	11-07-2012	N	1304.76	*6.09*	292	12.5	0.3	9	<0.5		11	1.8		**0.042**					*20*			***3.3***			
MW-802	11-07-2012	FD					0.3	9	<0.5		<10	2		**0.041**					*20*			***3.2***			
MW-802	12-04-2012	N	1304.57	*6.2*	420	14.2	0.3																		
MW-802	01-15-2013	N	1304.54	*6.13*	285	12.9	0.2																		
MW-802	02-12-2013	N	1304.47	*6.2*	200	13.6	0.7																		
MW-802	02-25-2013	N	1304.47	*6.2*	210	15.8	0.1																		
MW-802	03-13-2013	N	1304.46	*6.3*	230	13.7	0.1																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
MW-802	11-05-2001	N	<20	1				<5			<1		4.3		1.6	<20											<1					
MW-802	04-15-2002	N	<20	<1				<5			<1		4.3		<1	<20											<1					
MW-802	07-15-2002	N																														
MW-802	11-18-2002	N	<20	<1				<5			<1		3.2		1.2	<10											<1					
MW-802	04-07-2003	N	<25	<1				<5			<1		2.3		<1	<10											<1					
MW-802	07-14-2003	N																														
MW-802	11-03-2003	N	<10	<1				<5			<1		2.1		<1	<5											<1					
MW-802	04-05-2004	N	<10	<1				<5			<1		5		1	6.8											<1					
MW-802	07-06-2004	N																														
MW-802	11-08-2004	N	<10	1.1				<5			<1		1.9		1.6	<5											<1					
MW-802	04-11-2005	N	<10	<1				<5			<1		3.8		1.1	<5											<1					
MW-802	07-11-2005	N																														
MW-802	11-01-2005	N	<10	<1				<5			<1		2.2		1.1	<5											<1					
MW-802	04-10-2006	N	<10	1.4				<5			<1		<2		1.8	5.2											<1					
MW-802	07-10-2006	N																														
MW-802	11-06-2006	N	<10	<1				<5			<1		1.5		1.9	<5											<1					
MW-802	04-09-2007	N	<10	<1				<5			<1		2.5		2.2	5.2											<1					
MW-802	07-23-2007	N																														
MW-802	11-05-2007	N	<10	<1				<5			<1		<1		<1	<5											<1					
MW-802	04-21-2008	N	<10	<1				<5			<1		<1		<1	<5											<1					
MW-802	07-21-2008	N																														
MW-802	11-18-2008	N	<10	<1				<5			<1		<1		<1	<5	<2										<1					
MW-802	04-06-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	04-06-2009	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	07-13-2009	N																														
MW-802	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	04-07-2010	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	07-12-2010	N																														
MW-802	11-01-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	07-12-2011	N																														
MW-802	10-04-2011	N																														
MW-802	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	12-08-2011	N																														
MW-802	01-10-2012	N																														
MW-802	02-07-2012	N																														
MW-802	03-06-2012	N																														
MW-802	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	05-16-2012	N																														
MW-802	06-12-2012	N																														
MW-802	07-17-2012	N																														
MW-802	08-20-2012	N																														
MW-802	09-14-2012	N																														
MW-802	10-18-2012	N																														
MW-802	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	11-07-2012	FD	<10	<1	<2	<10	<2	<5	<2	<2	1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	12-04-2012	N																														
MW-802	01-15-2013	N																														
MW-802	02-12-2013	N																														
MW-802	02-25-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
MW-802	03-13-2013	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
MW-802	11-05-2001	N																			
MW-802	04-15-2002	N																			
MW-802	07-15-2002	N																			
MW-802	11-18-2002	N																			
MW-802	04-07-2003	N																			
MW-802	07-14-2003	N																			
MW-802	11-03-2003	N																			
MW-802	04-05-2004	N																			
MW-802	07-06-2004	N																			
MW-802	11-08-2004	N																			
MW-802	04-11-2005	N																			
MW-802	07-11-2005	N																			
MW-802	11-01-2005	N																			
MW-802	04-10-2006	N																			
MW-802	07-10-2006	N																			
MW-802	11-06-2006	N																			
MW-802	04-09-2007	N																			
MW-802	07-23-2007	N																			
MW-802	11-05-2007	N																			
MW-802	04-21-2008	N																			
MW-802	07-21-2008	N																			
MW-802	11-18-2008	N																			
MW-802	04-06-2009	N																			
MW-802	04-06-2009	FD																			
MW-802	07-13-2009	N																			
MW-802	11-09-2009	N																			
MW-802	04-07-2010	N																			
MW-802	04-07-2010	FD																			
MW-802	07-12-2010	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-802	11-01-2010	N																			
MW-802	04-18-2011	N																			
MW-802	07-12-2011	N																			
MW-802	10-04-2011	N																			
MW-802	11-01-2011	N																			
MW-802	12-08-2011	N																			
MW-802	01-10-2012	N																			
MW-802	02-07-2012	N																			
MW-802	03-06-2012	N																			
MW-802	04-10-2012	N																			
MW-802	05-16-2012	N																			
MW-802	06-12-2012	N																			
MW-802	07-17-2012	N																			
MW-802	08-20-2012	N																			
MW-802	09-14-2012	N																			
MW-802	10-18-2012	N																			
MW-802	11-07-2012	N																			
MW-802	11-07-2012	FD																			
MW-802	12-04-2012	N																			
MW-802	01-15-2013	N																			
MW-802	02-12-2013	N																			
MW-802	02-25-2013	N																			
MW-802	03-13-2013	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-802	04-10-2013	N	1304.41	*5.9*	240	11.9	0.2	13	<0.5		<10	2.3		**0.041**					*19*			***3.9***			
MW-802	07-08-2013	N	1304.85	*5.93*	400	19.2	0.2	28	<0.5		<10	1.9	<0.001	**0.038**	0.12	<0.001	<0.001	<0.001	*20*		<0.001	***4.2***		0.002	<0.001
MW-802	11-07-2013	N	1305.24	*6.21*	290	15.8	0.2	8	<0.5		14	2.1		**0.039**					*19*			***3.1***			
MW-802	04-23-2014	N	1305.33	*6.01*	370	12.8	0.1	20	<0.5		10	1.4		**0.034**					*14*			***2.6***			
MW-802	07-15-2014	N	1305.34	*5.86*	460	28.5	0.2	24	<0.5		55	2.1							*22*			***4.1***			
MW-802	11-05-2014	N	1304.77	*6.15*	1060	14.8	<0.1	8	<0.5		15	1.9		**0.045**					*17*			***2.7***			
MW-802	04-14-2015	N	1304.2	*5.96*	378	17.4	0.2	47	<0.5		13	1.9		**0.037**					*24*			***3.6***			
MW-802	07-20-2015	N	1304.4	*6.08*	444	23.6	0.2	25	<0.5		55	2.3	<0.001	**0.045**	0.13	<0.001	<0.001	<0.001	*29*		<0.001	***4.3***		0.003	<0.001
MW-802	11-10-2015	N	1303.85	*6.11*	390	16.7	0.3	40	<0.5		64	2.3		**0.044**					*29*			***4.6***			
MW-802	04-12-2016	N	1303.78	*6.01*	493	14.6	0.39	43	<0.5		36	1.6		**0.043**					*27*			***5***			
MW-802	07-11-2016	N	1303.63	*6.39*	402	19.5	0.3	39	<0.5		12	1.2							*20*			***3.9***			
MW-802	11-07-2016	N	1303.22	*6.28*	277	13.2	0.1	25	<0.5		24	1.1		**0.028**					*13*			***2.8***			
MW-802	04-04-2017	N	1303.39	*6.29*	347	12	0.2	15	<0.5		28	1.8		**0.033**					*22*			***5.2***			
MW-802	07-25-2017	N	1303.9	*6.4*	272	18.9	<0.1	12	<0.5		120	1.9	<0.001	**0.032**	0.068	<0.001	<0.001	<0.001	*17*		<0.001	***3.7***		<0.001	<0.001
MW-802	11-07-2017	N	1303.69	*6.48*	222	14.3	<0.1	12	<0.5		44	0.9		**0.032**					*15*			***3***			
MW-802	04-23-2018	N	1303.96	*6.2*	386	17.5	0.18	20	<0.5		25	0.82		**0.038**					*27*			***5.4***			
MW-802	07-11-2018	N	1303.86	*6.15*	332	20.1	0.21	14	<0.5		37	1.3							*23*			***3.8***			
MW-802	11-05-2018	N	1303.33	6.58	214	14.5	0.11	13	<0.5		13	0.97		**0.028**					*17*			***3.2***			
MW-802	04-23-2019	N	1303.9	*6.33*	325	13.9	0.24	24	<0.5		19	0.64		**0.032**					*26*			***4.6***			
MW-802	07-08-2019	N	1304.06	*6.25*	481	15.1	0.28	28	<0.5		38	0.93	<0.001	**0.028**	0.13	<0.001	<0.001	<0.001	*41*		<0.001	***7.4***		0.003	<0.001
MW-802	11-05-2019	N	1304.44	*6.23*	319	14.5	0.15	17	<0.5		57	0.68		**0.03**					*23*			***4***			
MW-802	04-20-2020	N	1304.79	*6.27*	347	17.6	0.21	18	<0.5		39	0.78		**0.033**					*24*			***4.5***			
MW-802	07-15-2020	N	1304.26	*6.36*	278	19.9	0.12	13	<0.5		27	0.52							*25*			***5.3***			
MW-802	11-04-2020	N	1304.03	6.51	248	14.1	0.12	19	<0.5		16	0.54		**0.028**					*17*			***2.8***			
MW-802	04-22-2021	N	1303.88	6.62	285	10.3	0.1	29	<0.5		25	0.97		**0.023**					*20*			***4***			
MW-802	07-07-2021	N	1303.46	*6.3*	379	19.1	0.23	35	<0.5		18	<0.5	<0.001	**0.022**	0.092	<0.001	<0.001	<0.001	*20*		<0.001	***4.2***		0.002	<0.001
MW-802	09-29-2021	N	1303.27																						
MW-802	11-01-2021	N	1303.02	*6.44*	169	16.4	<0.1	17	<0.5		<10	<0.5		**0.023**					*8.9*			***1.8***			
MW-802	02-22-2022	N	1302.82																						
MW-802	04-18-2022	N	1303.15																						
MW-802	04-20-2022	N	1303.08	*6.4*	344	13.1	<0.1	20	<0.5		<10	<0.5		**0.026**					*10*			***1.8***			
MW-802	06-08-2022	N	1303.02																						
MW-802	07-11-2022	N	1302.88	*6.21*	304	20	0.18	30	<0.5		10	0.5							*18*			***2.5***			
MW-802	11-01-2022	N	1302.57	*6.41*	310	17.4	0.11	34	<0.5		11	0.63		**0.021**					*19*			***2.7***			
MW-802	04-19-2023	N	1302.99	*6.32*	308	13.9	0.12	29	<0.5		11	0.6		**0.019**					*19*			***2.6***			
MW-802	07-12-2023	N	1303.15	*6.15*	332	17.9	0.14	33	<0.5		<10	0.78	<0.001	**0.016**	0.068	<0.001	<0.001	<0.001	*16*		<0.001	***1.8***		0.0028	<0.001
MW-802	11-07-2023	N	1303.86	*6.3*	347	16.5	0.13	27	<0.5		22	<0.5		**0.02**					*15*			***2.5***			
MW-803	11-16-1998	N	1304.8	*5.8*	390	7.8	<0.5	8	<0.1		27	3.07							*27*			***2.1***			
MW-803	04-05-1999	N	1305.06	*6.2*	250	10	0.1	8	<0.1		<20	3.4							*50*			***2.7***			
MW-803	07-27-1999	N	1304.7	6.6	372	11	<0.1	6	<0.1		24	3.3		**0.024**	<0.2		0.0031	<0.005	*63*		0.007	***3.7***			<0.02
MW-803	11-17-1999	N	1299.21	6.6	528	4.2	<0.1	6.22	0.108		<15	2.75		**0.028**	0.123		0.003	<0.01	*66.4*		<0.002	***3.79***			<0.01
MW-803	04-10-2000	N	1305.38	*6.3*	482	5.1	<0.1	9.15	0.209		36	4.06							*83.4*			***4.33***			
MW-803	07-17-2000	N	1306.07	*6.4*	510	17.2	<0.1	4.06	0.071		23	2.68	<0.002	<0.005	0.136	<0.002	<0.003	<0.01	*46.5*		<0.002	***5.56***		<0.02	<0.01
MW-803	11-13-2000	N		*6.3*	487	9.1	<0.1	6.88	<0.02		15	2.75							*91.4*			***6.2***			
MW-803	04-02-2001	N	1304.65	*5.7*	545	4.7	<0.1	8.1	0.025		<15	3.36							*10.5*			***5.31***			
MW-803	07-09-2001	N	1304.56	*5.9*	441	12.2	<0.1	6.7	<0.02		<15	2.87							*87.5*			***5.85***			
MW-803	11-05-2001	N	1303.58	7	505	8.1	0.135	8.21	0.137		<15	2.88							*21.7*			***1.49***			
MW-803	04-15-2002	N	1303.05	*6.4*	508	14.2	0.137	9.24	0.053		25	2.84							*82.5*			***6.15***			
MW-803	07-15-2002	N	1303.51	*6.33*	478	14.2	0.119	8.45	0.103		25	3	<0.002	**0.038**	0.119	<0.002	<0.003	<0.01	*84.5*		<0.002	***6.45***		<0.02	<0.01
MW-803	11-18-2002	N	1303.23	6.5	515	6.1	<0.1	13.7	<0.02		29	3.87							*89.8*			***6.78***			
MW-803	04-07-2003	N	1302.85	*6.4*	502	8.6	0.222	14.5	<0.02		34	3.33							*68.2*			***6.35***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																							
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																					
MW-802	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	07-08-2013	N																																																			
MW-802	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	04-23-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	07-15-2014	N																																																		
MW-802	11-05-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	07-20-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-802	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	07-11-2016	N																																																		
MW-802	11-07-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
MW-802	07-25-2017	N																																																		
MW-802	11-07-2017	N	10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-802	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-802	07-11-2018	N																																																		
MW-802	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-802	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-802	07-08-2019	N																																																		
MW-802	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
MW-802	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-802	11-04-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	04-22-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	07-07-2021	N																																																		
MW-802	09-29-2021	N																																																		
MW-802	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	02-22-2022	N																																																		
MW-802	04-18-2022	N																																																		
MW-802	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	06-08-2022	N																																																		
MW-802	07-11-2022	N																																																		
MW-802	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	07-12-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-802	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
MW-803	11-16-1998	N	11	<1								1.1	<1		<1	<5						<1					<1																											
MW-803	04-05-1999	N	<10	<1								10	<1		<1	<5						<1					<1																											
MW-803	07-27-1999	N																																																		
MW-803	11-17-1999	N	<20	<1								<10	4.6		1.3	<20						<2					1.1																											
MW-803	04-10-2000	N	<20	<1								<10	1.5		<1	<20						<2					<1																											
MW-803	07-17-2000	N																																																		
MW-803	11-13-2000	N	<20	<1								<10	7		2.3	<20						<2					1.4																											
MW-803	04-02-2001	N	<20	<1								<10	6.1		2	<20						<2					1.3																											
MW-803	07-09-2001	N																																																		
MW-803	11-05-2001	N	<20	<1								<10	4		1.4	<20						<2					<1																											
MW-803	04-15-2002	N	<20	<1								<10	4.5		1.1	<20						<2					<1																											
MW-803	07-15-2002	N																																																		
MW-803	11-18-2002	N	<20	<1								<1	9.4		1.7	<20						<2					<1																											
MW-803	04-07-2003	N	<25	<1								<1	3.9		<1	<10						<2					<1																											

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-803	07-14-2003	N	1302.98	*6.1*	522	17	0.259	13.9	0.021		23	3.3	<0.002	<0.002	0.111	<0.002	<0.003	<0.01	*12.4*		<0.002	***8.09***		<0.02	<0.01
MW-803	11-03-2003	N	1303.08	*6.3*	511	10.2	0.21	16.3	<0.02		<15	2.95							*94.5*			***7.6***			
MW-803	04-05-2004	N	1304.42	*6.3*	572	6.7	0.306	24.5	0.02		30	3.34							*87.4*			***8.36***			
MW-803	07-06-2004	N	1304.99	*6.2*	567	14.9	0.278	23.9	0.178		24	4.06							*82.2*			***7.63***			
MW-803	11-08-2004	N	1304.97	*6.3*	249	10.3	0.207	20.3	0.06		20	3.75							*74.9*			***6.66***			
MW-803	04-11-2005	N	1305.25	*6*	515	11.8	1.2	13.8	<0.02		29	3.43							*68.5*			***6.55***			
MW-803	07-11-2005	N	1304.95	*6.1*	463	18	0.229	17.2	0.101		<15	2.82	<0.002	**0.047**	0.121	<0.002	<0.003	<0.01	*74.4*		<0.001	***6.42***		<0.02	<0.01
MW-803	11-01-2005	N	1305.14	*6*	495	12.3	0.225	22.7	<0.02		21	3.53							*75.2*			***7.26***			
MW-803	04-10-2006	N	1306.55	*6.1*	365	11.1	<0.1	12.6	<0.02		<15	2.5							*50.7*			***4.36***			
MW-803	07-10-2006	N	1306.59	*5.9*	380	16.5	0.25	18.2	0.131		<15	2.35							*52.7*			***4.54***			
MW-803	11-06-2006	N	1306.36	*6.2*	490	11	0.139	33.9	0.024		<15	2.56							*75.9*			***6.07***			
MW-803	04-09-2007	N	1306.13	*6.3*	410	9.8	0.366	18.8	0.044		19	2.62							*72.5*			***5.24***			
MW-803	07-23-2007	N	1306.21	6.9	479	18.1	<0.1	11.1	0.165		<15	1.12	<0.002	**0.041**	0.109	<0.002	<0.002	<0.02	*73.7*		<0.001	***4.85***		0.029	<0.02
MW-803	11-05-2007	N	1305.66	*6.09*	450	12.7	0.18	9	0.26		27	1.9		**0.046**					*73.1*			***4.91***			
MW-803	04-21-2008	N	1305.06	*6.28*	680	16	0.15	9.1	0.04		45	2.2		**0.044**					*32*			***5.8***			
MW-803	07-21-2008	N	1305.07	*5.9*	230	16.6	0.15	9.7	<0.02		44	2							*71*			***5.7***			
MW-803	11-18-2008	N	1305.83	*5.86*	470	11.9	0.12	8.8	0.03		67	2.8		**0.045**					*79*			***6.2***			
MW-803	04-06-2009	N	1306.23	*6*	520	9.4	0.2	12	<0.5		30	1.7		**0.049**					*63*			***6.2***			
MW-803	07-13-2009	N	1306.44	*5.7*	370	17.4	0.2	7	<0.5		20	2	<0.001	**0.046**	0.11	<0.001	<0.001	<0.001	*59*		<0.001	***5.8***		0.004	<0.001
MW-803	11-09-2009	N	1306.2	*6.2*	390	16.2	0.1	8	<0.5		30	1.6		**0.061**					*63*			***6***			
MW-803	04-07-2010	N	1306.1	*5.67*	440	20.1	0.2	11	<0.5		30	1.9		**0.05**					*53*			***5.2***			
MW-803	07-12-2010	N	1306.37	*5.83*	410	22	0.2	9	<0.5		31	1.3							*50*			***5.8***			
MW-803	11-01-2010	N	1306.6	*5.99*	1110	9.6	0.1	9	<0.5		12	1.6		**0.051**					*41*			***3.6***			
MW-803	04-18-2011	N	1307.19	*6.24*	480	15.2	0.2	15	<0.5		33	1.8		**0.053**					*40*			***3.9***			
MW-803	04-18-2011	FD					0.2	14	<0.5		34	1.5		**0.05**					*41*			***4***			
MW-803	07-13-2011	N	1307.24	*5.5*	240	18	0.1	8	<0.5		21	1.1	<0.001	**0.054**	0.091	<0.001	<0.001	<0.001	*44*		<0.001	***3.8***		0.005	<0.001
MW-803	11-01-2011	N	1306.5	*6.15*	340	16.5	<0.1	7	<0.5		<10	1.4		**0.051**					*42*			***3.1***			
MW-803	11-01-2011	FD					<0.1	7	<0.5		<10	1.4		**0.05**					*41*			***3.3***			
MW-803	04-10-2012	N	1305.2	*6.2*	820	12	<0.1	7	<0.5		10	1.4		**0.059**					*41*			***2.6***			
MW-803	07-17-2012	N	1304.99	*6.1*	1550	23.6	<0.1	9	<0.5		<10	1.5		**0.074**					*41*			***2.5***			
MW-803	11-07-2012	N	1304.69	*6.21*	397	14.9	0.2	14	<0.5		22	1.5		**0.059**					*42*			***2.9***			
MW-803	04-10-2013	N	1304.33	*5.8*	680	12.8	0.3	24	<0.5		42	2.2		**0.058**					*73*			***6.2***			
MW-803	07-08-2013	N	1304.78	*6.11*	540	22	0.2	23	<0.5		33	1.6	<0.001	**0.06**	0.12	<0.001	<0.001	<0.001	*51*		<0.001	***4.8***		0.003	<0.001
MW-803	11-07-2013	N	1305.15	*6.24*	399	17.3	0.2	18	<0.5		26	1.6		**0.055**					*42*			***3.4***			
MW-803	04-23-2014	N	1305.31	*6.02*	570	15	0.1	16	<0.5		40	2.1		**0.052**					*47*			***5.3***			
MW-803	04-23-2014	FD					0.1	16	<0.5		41	1.9		**0.053**					*47*			***5.3***			
MW-803	07-15-2014	N	1305.37	*5.88*	540	23.1	<0.1	18	<0.5		33	2.2							*48*			***4.6***			
MW-803	11-05-2014	N	1304.75	*6.09*	740	14.1	<0.1	14	<0.5		18	1.8		**0.074**					*40*			***3.7***			
MW-803	11-05-2014	FD					<0.1	13	<0.5		13	1.4		**0.07**					*39*			***3.6***			
MW-803	04-14-2015	N	1304.17	*6.17*	542	16.3	0.2	26	<0.5		54	2.3		**0.06**					*57*			***5.7***			
MW-803	04-14-2015	FD					0.2	27	<0.5		56	2.2		**0.06**					*59*			***5.7***			
MW-803	07-20-2015	N	1304.44	*6.09*	385	24.1	0.1	15	<0.5		26	1.7	<0.001	**0.062**	0.088	<0.001	<0.001	<0.001	*38*		<0.001	***3.1***		0.003	<0.001
MW-803	11-10-2015	N	1304.04	*6.15*	383	18	0.2	17	<0.5		34	2.1		**0.073**					*43*			***4.2***			
MW-803	11-10-2015	FD					0.2	17	<0.5		31	2.2		**0.071**					*41*			***4***			
MW-803	04-12-2016	N	1303.83	*6.13*	45	16.3	0.11	17	<0.5		32	1.8		**0.083**					*42*			***3.5***			
MW-803	04-12-2016	FD					0.11	17	<0.5		32	2		**0.084**					*43*			***3.5***			
MW-803	07-11-2016	N	1303.65	*6.38*	553	20.3	<0.1	36	<0.5		43	2							*62*			***5.9***			
MW-803	11-07-2016	N	1303.22	*6.2*	530	15.8	0.1	46	<0.5		50	2		**0.059**					*61*			***6.3***			
MW-803	11-07-2016	FD					0.1	44	<0.5		47	2		**0.058**					*60*			***6.2***			
MW-803	04-04-2017	N	1303.46	*6.41*	520	14.6	0.1	28	<0.5		55	2		**0.059**					*58*			***8.2***			
MW-803	04-04-2017	FD		*6.41*	520	14.6	0.1	29	<0.5		57	2.3		**0.058**					*61*			***8.4***			
MW-803	07-25-2017	N	1303.98	*6.36*	465	20.5	<0.1	25	<0.5		41	1.9	<0.001	**0.079**	0.11	<0.001	<0.001	<0.001	*66*		<0.001	***6.4***		0.002	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													Semi-Volatile Organic Compounds																			
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																															
MW-803	07-14-2003	N																																														
MW-803	11-03-2003	N	<10	<1								<5	4.4		<1	<5						<2					<1																							
MW-803	04-05-2004	N	<10	<1								<5	9.8		1.6	9.2						2.2					<1																							
MW-803	07-06-2004	N																																														
MW-803	11-08-2004	N	<10	<1								<5	4.2		1.1	<5						<2					<1																							
MW-803	04-11-2005	N	<10	<1								<5	4.7		1.2	5.3						<2					<1																							
MW-803	07-11-2005	N																																														
MW-803	11-01-2005	N	<10	<1								<5	2.9		1.1	<5						<2					<1																							
MW-803	04-10-2006	N	<10	<1								<5	3.9		<1	5.1						<2					<1																							
MW-803	07-10-2006	N																																														
MW-803	11-06-2006	N	<10	<1								<5	1.6		<1	<5						<2					<1																							
MW-803	04-09-2007	N	<10	<1								<5	2.9		1.2	5.1						<2					<1																							
MW-803	07-23-2007	N																																														
MW-803	11-05-2007	N	<10	<1								<5	1.3		1.5	5.1						<2					<1																							
MW-803	04-21-2008	N	<10	<1								<5	1.1		1.1	<5						<2					<1																							
MW-803	07-21-2008	N																																														
MW-803	11-18-2008	N	<10	<1								<5	<1		<1	<5	<2					<2					<1																							
MW-803	04-06-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-13-2009	N																																														
MW-803	11-09-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-12-2010	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-803	11-01-2010	N	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-18-2011	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-13-2011	N																																														
MW-803	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.26	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	11-01-2011	FD	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	**0.36**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-17-2012	N																																														
MW-803	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	**0.36**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-08-2013	N																																														
MW-803	11-07-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-23-2014	N	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-23-2014	FD	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.28	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-15-2014	N																																														
MW-803	11-05-2014	N	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	11-05-2014	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-14-2015	N	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	**0.37**	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-14-2015	FD	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	0.3	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-20-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-803	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	11-10-2015	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-12-2016	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-11-2016	N																																														
MW-803	11-07-2016	N	<10	1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	11-07-2016	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	04-04-2017	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
MW-803	07-25-2017	N																																														

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
MW-803	11-08-2017	N	1303.85	*6.15*	698	17.7	0.1	110	<0.5		41	2		**0.08**					*98*			***10***			
MW-803	11-08-2017	FD					0.1	120	<0.5		53	2.1		**0.076**					*96*			***10***			
MW-803	11-29-2017	N	1303.87	*6.02*	712	15.3		85											*89*			***9.9***			
MW-803	04-24-2018	N	1304.07	*6.09*	430	20.6	0.12	24	<0.5		38	1.5		**0.07**					*67*			***7.7***			
MW-803	04-24-2018	FD					0.12	24	<0.5		31	1.5		**0.072**					*68*			***7.8***			
MW-803	07-11-2018	N	1303.95	*6.02*	575	22.5	0.18	49	<0.5		35	1.4							*71*			***9***			
MW-803	11-05-2018	N	1303.39	*6.39*	498	14.6	0.15	73	<0.5		46	1.8		**0.073**					*80*			***13***			
MW-803	11-05-2018	FD					0.14	73	<0.5		49	1.6		**0.07**					*73*			***12***			
MW-803	04-23-2019	N	1303.98	*6.3*	669	15.8	0.25	96	<0.5		66	2.1		**0.072**					*97*			***14***			
MW-803	04-23-2019	FD					0.25	97	<0.5		65	2		**0.069**					*97*			***14***			
MW-803	07-09-2019	N	1303.99	*6.42*	515	19.6	0.18	42	<0.5		48	1.5	<0.001	**0.062**	0.11	<0.001	<0.001	<0.001	*70*		<0.001	***8.9***		0.0038	<0.001
MW-803	07-09-2019	FD					0.19	42	<0.5		47	1.7	<0.001	**0.064**	0.11	<0.001	<0.001	<0.001	*71*		<0.001	***9***		0.0039	<0.001
MW-803	11-05-2019	N	1304.55	*6.31*	500	14.8	0.16	36	<0.5		39	1.6		**0.074**					*62*			***6.7***			
MW-803	11-05-2019	FD					0.15	40	<0.5		38	1.1		**0.074**					*65*			***6.9***			
MW-803	04-20-2020	N	1304.89	*6.35*	584	18	0.25	32	<0.5		70	1.7		**0.077**					*78*			***12***			
MW-803	04-20-2020	FD					0.23	30	<0.5		67	1.7		**0.077**					*77*			***12***			
MW-803	07-15-2020	N	1304.3	*6.34*	519	20	0.28	24	<0.5		69	1.6							*74*			***9.2***			
MW-803	07-15-2020	FD					0.21	23	<0.5		71	1.7							*75*			***9.1***			
MW-803	11-04-2020	N	1304.11	6.69	427	16.9	0.11	26	<0.5		50	<0.5		**0.07**					*57*			***5.7***			
MW-803	11-04-2020	FD					0.12	28	<0.5		48	1.5		**0.069**					*55*			***5.6***			
MW-803	04-22-2021	N	1303.94	*6.31*	471	15.8	0.2	21	<0.5		69	1.8		**0.068**					*72*			***7.4***			
MW-803	04-22-2021	FD					0.22	21	<0.5		68	1.8		**0.068**					*73*			***7.5***			
MW-803	05-27-2021	N	1303.9	*6.41*	482	17.8	0.2	17	<0.5		77	1.7	<0.001	**0.073**	0.11	<0.001	<0.001	<0.001	*70*		<0.001	***7.5***		0.0041	<0.001
MW-803	07-07-2021	N	1303.5	*6.41*	466	20.3	0.18	13	<0.5		67	1.6	<0.001	**0.067**	0.094	<0.001	<0.001	<0.001	*54*		<0.001	***6.6***		0.0034	<0.001
MW-803	07-07-2021	FD					0.18	13	<0.5		70	1.8	<0.001	**0.068**	0.093	<0.001	<0.001	<0.001	*54*		<0.001	***6.5***		0.0033	<0.001
MW-803	09-29-2021	N	1303.36	*6.27*	432	16.6	0.14	13	<0.5		45	1.2	<0.001	**0.068**	0.086	<0.001	<0.001	<0.001	*56*		<0.001	***6.2***		0.0029	<0.001
MW-803	11-01-2021	N	1303.08	*6.31*	361	15.5	0.14	13	<0.5		52	1.4	<0.001	**0.066**	0.08	<0.001	<0.001	<0.001	*57*		<0.001	***6.3***		0.0028	<0.001
MW-803	11-01-2021	FD					0.13	13	<0.5		52	1.5		**0.067**					*57*			***6.4***			
MW-803	02-22-2022	N	1302.9																						
MW-803	04-18-2022	N	1303.23																						
MW-803	04-20-2022	N	1303.16	*6.35*	402	12.9	0.21	12	<0.5		52	1.7		**0.071**					*54*			***5.6***			
MW-803	04-20-2022	FD					0.21	12	<0.5		54	1.9		**0.072**					*54*			***5.7***			
MW-803	06-08-2022	N	1303.1																						
MW-803	07-11-2022	N	1302.97	*6.18*	412	20.3	0.16	13	<0.5		53	1.5							*57*			***5.5***			
MW-803	07-11-2022	FD					0.15	12	<0.5		42	1.2							*57*			***5.4***			
MW-803	11-01-2022	N	1302.63	*6.3*	393	18.2	0.26	13	<0.5		59	1.7		**0.069**					*55*			***5.5***			
MW-803	11-01-2022	FD					0.25	13	<0.5		71	2		**0.069**					*54*			***5.5***			
MW-803	04-19-2023	N	1303.04	*6.38*	401	14.2	0.22	13	<0.5		78	1.8		**0.07**					*54*			***6.5***			
MW-803	04-19-2023	FD					0.21	12	<0.5		78	1.7		**0.071**					*56*			***6.7***			
MW-803	07-12-2023	N	1303.36	*6.3*	416	20.8	0.21	13	<0.5		76	2	<0.001	**0.067**	0.082	<0.001	<0.001	<0.001	*53*		<0.001	***5.8***		0.0031	<0.001
MW-803	07-12-2023	FD					0.2	13	<0.5		76	1.9	<0.001	**0.069**	0.084	<0.001	<0.001	<0.001	*56*		<0.001	***5.9***		0.0032	<0.001
MW-803	11-07-2023	N	1304.06	*6.38*	472	17.2	0.17	12	<0.5		96	2.6		**0.067**					*62*			***8.1***			
MW-803	11-07-2023	FD					0.17	12	<0.5		99	2.7		**0.07**					*68*			***9.2***			
B-915U	08-08-2001	N	1305.38																						
B-915U	08-30-2001	N	1304.6																						
B-915U	09-14-2001	N	1304	*6.31*	191	8.8	<0.1	<2.5			<15	<0.04							<0.01			0.019			
B-915U	01-24-2012	N	1312.43																						
B-915U	02-07-2012	N	1312.25																						
B-915U	03-06-2012	N	1311.25																						
B-915U	04-11-2012	N	1311.58																						
B-915U	05-16-2012	N	1312.67																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
MW-803	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	11-08-2017	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	11-29-2017	N																														
MW-803	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	04-24-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	07-11-2018	N																														
MW-803	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	11-05-2018	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	04-23-2019	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	07-09-2019	N																														
MW-803	07-09-2019	FD																														
MW-803	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	11-05-2019	FD	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
MW-803	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-20-2020	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	07-15-2020	N																														
MW-803	07-15-2020	FD																														
MW-803	11-04-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	11-04-2020	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-22-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-22-2021	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	07-07-2021	FD																														
MW-803	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	11-01-2021	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	02-22-2022	N																														
MW-803	04-18-2022	N																														
MW-803	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-20-2022	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	06-08-2022	N																														
MW-803	07-11-2022	N																														
MW-803	07-11-2022	FD																														
MW-803	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	11-01-2022	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	04-19-2023	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	07-12-2023	N																														
MW-803	07-12-2023	FD																														
MW-803	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
MW-803	11-07-2023	FD	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-915U	08-08-2001	N																														
B-915U	08-30-2001	N																														
B-915U	09-14-2001	N	<20	<1	<5	<20	<1	<5	2.9	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2
B-915U	01-24-2012	N																														
B-915U	02-07-2012	N																														
B-915U	03-06-2012	N																														
B-915U	04-11-2012	N																														
B-915U	05-16-2012	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
MW-803	11-08-2017	N																			
MW-803	11-08-2017	FD																			
MW-803	11-29-2017	N																			
MW-803	04-24-2018	N																			
MW-803	04-24-2018	FD																			
MW-803	07-11-2018	N																			
MW-803	11-05-2018	N																			
MW-803	11-05-2018	FD																			
MW-803	04-23-2019	N																			
MW-803	04-23-2019	FD																			
MW-803	07-09-2019	N																			
MW-803	07-09-2019	FD																			
MW-803	11-05-2019	N																			
MW-803	11-05-2019	FD																			
MW-803	04-20-2020	N																			
MW-803	04-20-2020	FD																			
MW-803	07-15-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-803	07-15-2020	FD	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
MW-803	11-04-2020	N																			
MW-803	11-04-2020	FD																			
MW-803	04-22-2021	N																			
MW-803	04-22-2021	FD																			
MW-803	05-27-2021	N																			
MW-803	07-07-2021	N																			
MW-803	07-07-2021	FD																			
MW-803	09-29-2021	N																			
MW-803	11-01-2021	N																			
MW-803	11-01-2021	FD																			
MW-803	02-22-2022	N																			
MW-803	04-18-2022	N																			
MW-803	04-20-2022	N																			
MW-803	04-20-2022	FD																			
MW-803	06-08-2022	N																			
MW-803	07-11-2022	N																			
MW-803	07-11-2022	FD																			
MW-803	11-01-2022	N																			
MW-803	11-01-2022	FD																			
MW-803	04-19-2023	N																			
MW-803	04-19-2023	FD																			
MW-803	07-12-2023	N																			
MW-803	07-12-2023	FD																			
MW-803	11-07-2023	N																			
MW-803	11-07-2023	FD																			
B-915U	08-08-2001	N																			
B-915U	08-30-2001	N																			
B-915U	09-14-2001	N																			
B-915U	01-24-2012	N																			
B-915U	02-07-2012	N																			
B-915U	03-06-2012	N																			
B-915U	04-11-2012	N																			
B-915U	05-16-2012	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-915U	06-11-2012	N	1312.75	*6.1*	80	13.4	0.2	<1	<0.5		14	<0.5	<0.001	<0.0005	0.006	<0.001	<0.001	<0.001	0.05		<0.001	<0.005		<0.001	<0.001
B-915U	09-13-2012	N	1312.55	*6.1*	50	14.7	0.1	2	<0.5		<10	<0.5	<0.001	<0.001	0.007	<0.001	<0.001	<0.001	0.12		<0.001	0.006		<0.001	<0.001
B-915U	04-22-2014	N	1312.6	*6.3*	110	12.3																			
B-915U	07-15-2014	N	1312.9	*5.6*	40	13.1																			
B-915U	07-21-2015	N	1311.98	7.02	79	13.5	<0.1	<1	<0.5		<10	<0.5	<0.001	0.0007	0.005	<0.001	<0.001	<0.001	0.07		<0.001	<0.005		0.002	<0.001
B-915U	11-09-2015	N	1313.96	*6.34*	74	8.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	04-12-2016	N	1315.56	7.11	91	6.4	<0.1	4	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	07-13-2016	N	1315.12	*6.47*	150	13.9	<0.1	8	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	11-08-2016	N	1314.53	*6.23*	144	7.4	<0.1	16	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	04-04-2017	N	1314.25	*6.34*	118	7.7	<0.1	14	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	07-25-2017	N	1315.71	*6.4*	217	8.7	<0.1	48	<0.5		14	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915U	11-07-2017	N	1315.43	*5.93*	201	8.3	<0.1	36	<0.5		<10	<0.5							<0.05			0.021			
B-915U	04-23-2018	N	1315.28	*6.38*	158	10.1	<0.1	17	1.4		<10	<0.5							0.26			0.038			
B-915U	07-09-2018	N	1315.11	*5.73*	206	13.6	<0.1	23	2.2		<10	<0.5							0.21			0.023			
B-915U	11-06-2018	N	1313.16	6.78	153	10	<0.1	28	1.4		<10	<0.5							<0.05			0.0088			
B-915U	04-23-2019	N	1315.5	*6.43*	150	9.1	<0.1	18	0.56		<10	<0.5							<0.05			0.0059			
B-915U	07-09-2019	N	1316.31	*6.21*	252	11.1	<0.1	49	<0.5		<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.01		0.0011	<0.001
B-915U	11-05-2019	N	1316.42	6.6	329	9.2	<0.1	52	<0.5		<10	<0.5							<0.05			0.0078			
B-915U	04-21-2020	N	1316.15	*6.26*	241	8.6	<0.1	20	<0.5		<10	<0.5							0.071			0.0054			
B-915U	07-15-2020	N	1315.97	*8.57*	218	10.3	<0.1	18	<0.5		<10	<0.5							0.18			0.011			
B-915U	11-02-2020	N	1313.9	6.62	200	7.3	<0.1	16	0.53		<10	<0.5							<0.05			<0.005			
B-915U	04-20-2021	N	1313.07	*6.35*	179	9.3	<0.1	11	0.71		<10	<0.5							<0.05			<0.005			
B-915U	07-06-2021	N	1311.83	*6.29*	210	11.2	<0.1	15	1.2		<10	<0.5	<0.001	<0.0005	0.011	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915U	09-29-2021	N	1311.76																						
B-915U	11-02-2021	N	1312.5	*6.24*	192	9.1	<0.1	17	2.4		<10	<0.5							<0.05			<0.005			
B-915U	02-22-2022	N	1311.61																						
B-915U	04-18-2022	N	1314.28																						
B-915U	04-20-2022	N	1314.43	6.51	190	6.8	<0.1	8.2	1.8		<10	<0.5							<0.05			<0.005			
B-915U	06-08-2022	N	1313.76																						
B-915U	07-12-2022	N	1311.71	*6.35*	158	12	<0.1	6.5	0.92		<10	<0.5							0.13			0.0065			
B-915U	11-01-2022	N	1312.71	6.64	146	10.4	<0.1	5.8	0.6		<10	<0.5							<0.05			<0.005			
B-915U	04-18-2023	N	1313.89	6.94	139	8.7	<0.1	3.6	<0.5		<10	<0.5							<0.05			<0.005			
B-915U	07-11-2023	N	1315.87	*6.47*	143	12.8	<0.1	3.6	<0.5		<10	<0.5	<0.001	<0.0005	0.0062	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-915U	11-06-2023	N	1314.63	6.7	131	9.2	<0.1	5	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	08-08-2001	N	1301.06																						
B-915M	08-30-2001	N	1300.59																						
B-915M	09-12-2001	N	1300.49	8.05	185	11.5	<0.1	3.06			<15	3.03							0.191			*0.052*			
B-915M	01-24-2012	N	1307.33																						
B-915M	02-07-2012	N	1307.06																						
B-915M	03-06-2012	N	1306.56																						
B-915M	04-11-2012	N	1306.59																						
B-915M	05-16-2012	N	1306.99																						
B-915M	06-11-2012	N	1306.94	*6*	160	12.2	<0.1	17	<0.5		10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.001	<0.001
B-915M	09-13-2012	N	1306.86	*6.1*	120	11	<0.1	19	<0.5		<10	<0.5	<0.001	<0.001	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915M	04-22-2014	N	1306.75	*6.19*	490	11.8																			
B-915M	07-15-2014	N	1307.23	*5.9*	140	14.1																			
B-915M	07-21-2015	N	1306.53	6.52	192	11.8	<0.1	23	<0.5		<10	<0.5	<0.001	0.0008	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915M	11-09-2015	N	1306.01	*6.26*	230	9.4	<0.1	23	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-12-2016	N	1305.36	*6.26*	256	7.2	<0.1	26	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-13-2016	N	1306.55	7.59	194	11.4	<0.1	28	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	11-08-2016	N	1305.63	*6.03*	371	6.8	<0.1	32	<0.5		<10	<0.5							<0.05			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																				
B-915U	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	04-22-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915U	07-15-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915U	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915U	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	07-13-2016	N																																																		
B-915U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915U	07-25-2017	N																																																	
B-915U	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-915U	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-915U	07-09-2018	N																																																	
B-915U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-915U	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-915U	07-09-2019	N																																																	
B-915U	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-915U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	07-06-2021	N																																																	
B-915U	09-29-2021	N																																																	
B-915U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	02-22-2022	N																																																	
B-915U	04-18-2022	N																																																	
B-915U	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	06-08-2022	N																																																	
B-915U	07-12-2022	N																																																	
B-915U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915U	07-11-2023	N																																																	
B-915U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915M	08-08-2001	N																																																	
B-915M	08-30-2001	N																																																	
B-915M	09-12-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																					
B-915M	01-24-2012	N																																																	
B-915M	02-07-2012	N																																																	
B-915M	03-06-2012	N																																																	
B-915M	04-11-2012	N																																																	
B-915M	05-16-2012	N																																																	
B-915M	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915M	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915M	04-22-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915M	07-15-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915M	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	0.15	<0.1
B-915M	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915M	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-915M	07-13-2016	N																																																	
B-915M	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-915M	04-04-2017	N	1305.44	*6.27*	218	6.6	<0.1	37	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-25-2017	N	1306.59	6.83	263	10.6	<0.1	52	<0.5		<10	<0.5	<0.001	<0.0005	0.023	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915M	11-07-2017	N	1306.01	*6.3*	262	6.8	<0.1	53	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-23-2018	N	1306.19	*6.15*	283	10.1	<0.1	57	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-09-2018	N	1306.93	*6.13*	303	13.9	<0.1	63	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	11-06-2018	N	1305.9	8.31	233	8.2	<0.1	62	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-23-2019	N	1305.82	*6.24*	297	8.3	<0.1	74	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-09-2019	N	1306.88	*6.04*	366	10.7	<0.1	85	<0.5		<10	<0.5	<0.001	<0.0005	0.035	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0013	<0.001
B-915M	11-05-2019	N	1306.27	*6.09*	192	8.7	<0.1	77	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-21-2020	N	1306.74	*6.12*	341	8.5	<0.1	71	<0.5		<10	<0.5							0.12			<0.005			
B-915M	07-15-2020	N	1306.58	6.83	327	10.7	<0.1	78	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	11-02-2020	N	1305.88	6.81	300	5.9	<0.1	70	0.53		<10	<0.5							<0.05			<0.005			
B-915M	04-20-2021	N	1305.69	*6.14*	288	8.4	<0.1	74	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-06-2021	N	1305.68	*6.12*	370	9.7	<0.1	74	0.59		<10	<0.5	<0.001	<0.0005	0.031	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.001	<0.001
B-915M	09-29-2021	N	1305.03																						
B-915M	11-02-2021	N	1304.79	*6.04*	290	7.8	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-20-2022	N	1304.94	*6.36*	378	6.5	<0.1	66	0.61		<10	<0.5							<0.05			<0.005			
B-915M	07-12-2022	N	1305.2	*5.95*	326	9.8	<0.1	67	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	11-01-2022	N	1304.74	*6.21*	326	9.3	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-18-2023	N	1305.73	*6.31*	344	8.3	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-11-2023	N	1306.11	6.52	352	11.4	<0.1	68	0.55		<10	<0.5	<0.001	<0.0005	0.027	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0011	<0.001
B-915M	11-06-2023	N	1306.4	*6.31*	319	7.9	<0.1	57	0.57		<10	<0.5							<0.05			<0.005			
B-915D	08-08-2001	N	1301.16																						
B-915D	08-30-2001	N	1300.72																						
B-915D	09-12-2001	N	1300.56	*8.69*	117	11.9	0.113	4.37			<15	0.092							<0.01			0.013			
B-915D	01-24-2012	N	1307.76																						
B-915D	02-07-2012	N	1307.49																						
B-915D	03-06-2012	N	1306.98																						
B-915D	04-11-2012	N	1307.02																						
B-915D	05-16-2012	N	1312.6																						
B-915D	06-11-2012	N	1306.36	*6.3*	290	12.8	<0.1	51	<0.5		16	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-915D	09-13-2012	N	1307.28	*5.32*	210	11.4	<0.1	44	<0.5		<10	<0.5	<0.001	<0.001	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-915D	04-22-2014	N	1307.19	*6.24*	250	10.4																			
B-915D	07-16-2014	N	1307.64	*6.3*	200	11.8																			
B-915D	07-21-2015	N	1306.95																						
B-915D	11-09-2015	N	1306.43																						
B-915D	04-12-2016	N	1306.79																						
B-915D	07-13-2016	N	1306.96	8.07	185	11.6	<0.1	20	<0.5		<10	<0.5							<0.05			<0.005			
B-915D	11-08-2016	N	1306.05																						
B-915D	04-04-2017	N	1305.87																						
B-915D	07-25-2017	N	1307.01																						
B-915D	11-07-2017	N	1306.44	6.77	250	6.8																			
B-915D	04-23-2018	N	1306.63	*6.36*	337	12.2																			
B-915D	07-09-2018	N	1307.34	6.56	349	11.2	<0.1	76	0.5		<10	<0.5							<0.05			<0.005			
B-915D	11-06-2018	N	1306.23																						
B-915D	04-23-2019	N	1306.24																						
B-915D	07-09-2019	N	1307.31																						
B-915D	11-05-2019	N	1306.69																						
B-915D	04-21-2020	N	1307.17																						
B-915D	07-15-2020	N	1307	8.11	678	10.1	<0.1	190	<0.5		<10	<0.5							<0.05			<0.005			
B-915D	11-02-2020	N	1306.31																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																		
B-915M	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-915M	07-25-2017	N																																																	
B-915M	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915M	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915M	07-09-2018	N																																																	
B-915M	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915M	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915M	07-09-2019	N																																																	
B-915M	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915M	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915M	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	07-06-2021	N																																																	
B-915M	09-29-2021	N																																																	
B-915M	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	07-12-2022	N																																																	
B-915M	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915M	07-11-2023	N																																																	
B-915M	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915D	08-08-2001	N																																																	
B-915D	08-30-2001	N																																																
B-915D	09-12-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																				
B-915D	01-24-2012	N																																																	
B-915D	02-07-2012	N																																																
B-915D	03-06-2012	N																																																
B-915D	04-11-2012	N																																																
B-915D	05-16-2012	N																																																
B-915D	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-915D	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-915D	04-22-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915D	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-915D	07-21-2015	N																																																	
B-915D	11-09-2015	N																																																
B-915D	04-12-2016	N																																																
B-915D	07-13-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-915D	11-08-2016	N																																																
B-915D	04-04-2017	N																																																
B-915D	07-25-2017	N																																																
B-915D	11-07-2017	N																																																
B-915D	04-23-2018	N																																																
B-915D	07-09-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-915D	11-06-2018	N																																																
B-915D	04-23-2019	N																																																
B-915D	07-09-2019	N																																																
B-915D	11-05-2019	N																																																
B-915D	04-21-2020	N																																																
B-915D	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-915D	11-02-2020	N																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-915D	04-20-2021	N	1306.08																						
B-915D	07-06-2021	N	1306.1																						
B-915D	09-29-2021	N	1305.45																						
B-915D	11-02-2021	N	1305.2																						
B-915D	04-20-2022	N	1305.36																						
B-915D	07-12-2022	N	1305.63	6.52	357	9.5	<0.1	79	0.5		<10	<0.5							<0.05			<0.005			
B-915D	11-01-2022	N	1305.16																						
B-915D	04-18-2023	N	1306.11																						
B-915D	07-11-2023	N	1306.54																						
B-915D	11-06-2023	N	1306.83																						
B-916U	08-08-2001	N	1303.86																						
B-916U	08-30-2001	N	1302.66																						
B-916U	09-13-2001	N	1302.06	*5.99*	128	12.3	<0.1	8.12			<15	<0.04							<0.01			***1.16***			
B-916U	01-24-2012	N	1308.36																						
B-916U	02-07-2012	N	1308.86																						
B-916U	03-06-2012	N	1306.43																						
B-916U	04-11-2012	N	1307.32																						
B-916U	05-16-2012	N	1309.93																						
B-916U	06-11-2012	N	1309.66	*5.3*	70	12.5	<0.1	5	<0.5		18	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.025		<0.001	<0.001
B-916U	09-13-2012	N	1308.64	7.82	170	15	<0.1	8	<0.5		<10	<0.5	<0.001	0.001	0.045	<0.001	<0.001	0.002	*1.7*		0.004	*0.2*		0.008	<0.001
B-916U	04-21-2014	N	1309.01	*5.49*	160	11.5																			
B-916U	07-15-2014	N	1308.69	*5.34*	150	14.5																			
B-916U	07-21-2015	N	1309.11	*5.85*	83	11.1	<0.1	3	<0.5		21	<0.5	<0.001	<0.0005	0.009	<0.001	<0.001	<0.001	<0.05		<0.001	0.007		0.002	<0.001
B-916U	11-09-2015	N	1308.2	*5.64*	79	10.5	<0.1	3	0.5		13	<0.5							<0.05			0.007			
B-916U	04-12-2016	N	1313.09	6.67	83	5.7	<0.1	1	<0.5		<10	<0.5							<0.05			0.008			
B-916U	07-13-2016	N	1310.51	*5.95*	79	12.9	<0.1	1	<0.5		<10	<0.5							<0.05			0.008			
B-916U	11-08-2016	N	1310.29	*5.85*	107	9.3	<0.1	2	0.7		<10	<0.5							<0.05			0.008			
B-916U	04-04-2017	N	1312.96	*6.09*	67	6.9	<0.1	3	0.6		<10	<0.5							<0.05			0.011			
B-916U	07-24-2017	N	1313.76	*5.91*	72	9.4	<0.1	4	<0.5		10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	0.009		<0.001	<0.001
B-916U	11-08-2017	N	1312.4	6.59	89	9.2	<0.1	5	<0.5		<10	<0.5							0.06			0.015			
B-916U	04-24-2018	N	1314.31	*5.49*	81	10.9	<0.1	11	<0.5		<10	<0.5							<0.05			0.015			
B-916U	07-09-2018	N	1312.13	*5.2*	97	15.3	<0.1	10	0.65		<10	<0.5							<0.05			0.015			
B-916U	11-06-2018	N	1306.89	*5.58*	79	10.4	<0.1	11	<0.5		<10	<0.5							<0.05			0.014			
B-916U	04-22-2019	N	1314.7	*5.82*	89	11.1	<0.1	10	0.58		<10	<0.5							<0.05			0.015			
B-916U	07-09-2019	N	1314.73	*5.63*	74	10.3	<0.1	9.1	<0.5		<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.015		<0.001	<0.001
B-916U	11-05-2019	N	1315.36	*6.26*	89	10	0.11	8.7	<0.5		12	<0.5							<0.05			0.014			
B-916U	04-21-2020	N	1314.96	*5.69*	71	9	<0.1	4.3	<0.5		<10	<0.5							<0.05			0.01			
B-916U	07-15-2020	N	1313.54	*6.48*	82	9.9	<0.1	5	<0.5		<10	<0.5							<0.05			0.0092			
B-916U	11-02-2020	N	1310.65	*6.02*	72	8.3	<0.1	4	0.62		<10	<0.5							<0.05			0.0096			
B-916U	04-19-2021	N	1310.15	*5.77*	78	8.8	<0.1	4	<0.5		<10	<0.5							0.065			0.014			
B-916U	07-06-2021	N	1306.81	*6.04*	71	10	<0.1	3.6	0.8		<10	<0.5	<0.001	<0.0005	0.0095	<0.001	<0.001	<0.001	<0.05		<0.001	0.0084		<0.001	<0.001
B-916U	09-29-2021	N	1306.41																						
B-916U	11-02-2021	N	1306.86	*5.56*	65	10.1	<0.1	3.4	<0.5		<10	<0.5							<0.05			0.0083			
B-916U	02-22-2022	N	1306.35																						
B-916U	04-18-2022	N	1312.75	*5.69*	69	9.9	<0.1	2.1	0.58		<10	<0.5							<0.05			0.0078			
B-916U	06-08-2022	N	1310.85																						
B-916U	07-12-2022	N	1307.31	*5.34*	69	12.6	<0.1	2.5	<0.5		<10	<0.5							<0.05			0.0086			
B-916U	11-01-2022	N	1308.33	*5.65*	76	12.5	<0.1	3.9	<0.5		<10	<0.5							*0.36*			0.028			
B-916U	04-18-2023	N	1312.1	*6.03*	69	7.3	<0.1	2.3	<0.5		<10	<0.5							<0.05			0.0064			
B-916U	07-10-2023	N	1313.33	*5.76*	74	13.2	<0.1	2.2	<0.5		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	0.0054		<0.001	<0.001
B-916U	11-08-2023	N	1310.83	*6.34*	65	7.4	<0.1	2.1	<0.5		<10	<0.5							<0.05			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																					
B-915D	04-20-2021	N																																																		
B-915D	07-06-2021	N																																																	
B-915D	09-29-2021	N																																																	
B-915D	11-02-2021	N																																																	
B-915D	04-20-2022	N																																																	
B-915D	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-915D	11-01-2022	N																																																	
B-915D	04-18-2023	N																																																	
B-915D	07-11-2023	N																																																	
B-915D	11-06-2023	N																																																	
B-916U	08-08-2001	N																																																	
B-916U	08-30-2001	N																																																	
B-916U	09-13-2001	N	<20	<1	<5	<20	<1	<5	1.4	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																					
B-916U	01-24-2012	N																																																	
B-916U	02-07-2012	N																																																	
B-916U	03-06-2012	N																																																	
B-916U	04-11-2012	N																																																	
B-916U	05-16-2012	N																																																	
B-916U	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	04-21-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916U	07-15-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916U	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916U	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	07-13-2016	N																																																	
B-916U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																						
B-916U	07-24-2017	N																																																
B-916U	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-916U	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-916U	07-09-2018	N																																																
B-916U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-916U	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-916U	07-09-2019	N																																																
B-916U	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																						
B-916U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	07-06-2021	N																																																
B-916U	09-29-2021	N																																																
B-916U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	02-22-2022	N																																																
B-916U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	06-08-2022	N																																																
B-916U	07-12-2022	N																																																
B-916U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						
B-916U	07-10-2023	N																																																
B-916U	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-916M	08-08-2001	N	1282.49																						
B-916M	08-30-2001	N	1279.96																						
B-916M	09-14-2001	N	1280.91	*9.17*	135	12.3	0.447	4.35			<15	<0.04							0.044			<0.005			
B-916M	02-07-2012	N	1283.17																						
B-916M	03-06-2012	N	1282.58																						
B-916M	04-11-2012	N	1282.74																						
B-916M	05-16-2012	N	1283.26																						
B-916M	06-11-2012	N	1283.25	7.6	280	18	<0.1	53	<0.5		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.006	<0.001
B-916M	09-13-2012	N	1282.47	6.69	1180	11.3	<0.1	56	<0.5		<10	<0.5	<0.001	<0.001	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	04-21-2014	N	1282.34	*6.45*	410	13.2																			
B-916M	07-16-2014	N	1282.61	*6.3*	210	12.9																			
B-916M	07-21-2015	N	1282.16	6.71	213	10.4	<0.1	38	<0.5		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-09-2015	N	1281.44	6.7	271	9.4	<0.1	33	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-12-2016	N	1281.89	6.74	197	6.9	<0.1	29	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-13-2016	N	1281.96	7.27	191	11.5	<0.1	27	<0.5		<10	0.6							<0.05			<0.005			
B-916M	11-08-2016	N	1280.97	6.83	308	8.8	<0.1	26	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-04-2017	N	1280.72	6.87	180	7.7	<0.1	27	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-24-2017	N	1282.13	*6.4*	209	9.7	<0.1	30	<0.5		<10	0.6	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-08-2017	N	1281.58	6.76	223	8	<0.1	33	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-24-2018	N	1281.76	*6.14*	114	10.5	<0.1	47	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-09-2018	N	1282.2	*6.41*	271	14.8	<0.1	50	<0.5		<10	<0.5							<0.05			0.0074			
B-916M	11-06-2018	N	1280.93	7	237	8.4	<0.1	58	<0.5		<10	1							<0.05			<0.005			
B-916M	04-22-2019	N	1280.95	*6.28*	323	9.7	<0.1	72	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-09-2019	N	1282.27	*6.25*	357	9.5	<0.1	80	<0.5		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-05-2019	N	1281.46	*6.18*	418	8.5	<0.1	94	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-21-2020	N	1282.05	*6.22*	449	8.7	<0.1	96	<0.5		<10	<0.5							0.056			<0.005			
B-916M	07-15-2020	N	1281.74	*6.25*	443	9.5	<0.1	110	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	11-02-2020	N	1280.97	*6.27*	421	7.4	<0.1	110	0.51		<10	<0.5							<0.05			<0.005			
B-916M	04-19-2021	N	1280.87	*6.24*	426	8.6	<0.1	94	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-06-2021	N	1280.89	*6.1*	409	9.8	<0.1	82	0.58		<10	<0.5	<0.001	<0.0005	0.027	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	09-29-2021	N	1280.17																						
B-916M	11-02-2021	N	1278.94	*6.04*	312	8.3	<0.1	70	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-18-2022	N	1280.25	*6.3*	341	9.3	<0.1	59	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-12-2022	N	1280.53	*6.11*	295	10.3	<0.1	58	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	11-01-2022	N	1280.04	*6.09*	302	9.9	<0.1	56	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	04-18-2023	N	1281.17	*6.35*	309	8	<0.1	55	<0.5		<10	<0.5							<0.05			<0.005			
B-916M	07-10-2023	N	1281.53	6.61	328	10.9	<0.1	56	0.54		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-916M	11-08-2023	N	1281.39	*6.2*	277	7.5	<0.1	51	0.55		<10	<0.5							<0.05			<0.005			
B-916D	08-08-2001	N	1282.54																						
B-916D	08-30-2001	N	1268.85																						
B-916D	09-13-2001	N	1268.79	*11.86*	548	11.4	<0.1	<2.5			<15	<0.04							<0.01			<0.005			
B-916D	01-24-2012	N	1271.43																						
B-916D	02-07-2012	N	1271.49																						
B-916D	03-06-2012	N	1270.82																						
B-916D	04-11-2012	N	1271.04																						
B-916D	05-16-2012	N	1271.62																						
B-916D	06-11-2012	N	1271.52	*11.6*	1550	15	<0.1	5	<0.5		<10	<0.5	<0.001	<0.0005	0.82	<0.001	<0.001	0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916D	09-13-2012	N	1270.73	*12.31*	1420	11.8	<0.1	5	<0.5		<10	<0.5	<0.001	<0.001	0.44	<0.001	<0.001	0.002	<0.05		<0.001	<0.005		0.002	<0.001
B-916D	04-21-2014	N	1270.77	*12.3*	1610	11.2																			
B-916D	07-16-2014	N	1271.19	*11.8*	1700	15.1																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																				
B-916M	08-08-2001	N																																																			
B-916M	08-30-2001	N																																																		
B-916M	09-14-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																					
B-916M	02-07-2012	N																																																		
B-916M	03-06-2012	N																																																		
B-916M	04-11-2012	N																																																		
B-916M	05-16-2012	N																																																		
B-916M	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	04-21-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916M	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916M	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916M	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	07-13-2016	N																																																		
B-916M	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916M	07-24-2017	N																																																	
B-916M	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-916M	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-916M	07-09-2018	N																																																	
B-916M	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-916M	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-916M	07-09-2019	N																																																	
B-916M	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-916M	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916M	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	07-06-2021	N																																																	
B-916M	09-29-2021	N																																																	
B-916M	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	07-12-2022	N																																																	
B-916M	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916M	07-10-2023	N																																																	
B-916M	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-916D	08-08-2001	N																																																	
B-916D	08-30-2001	N																																																	
B-916D	09-13-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																					
B-916D	01-24-2012	N																																																	
B-916D	02-07-2012	N																																																	
B-916D	03-06-2012	N																																																	
B-916D	04-11-2012	N																																																	
B-916D	05-16-2012	N																																																	
B-916D	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916D	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-916D	04-21-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-916D	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-916D	07-21-2015	N	1270.79																						
B-916D	11-09-2015	N	1270.07																						
B-916D	04-12-2016	N	1270.83																						
B-916D	07-13-2016	N	1270.86	*12.76*	1346	11.4	<0.1	11	<0.5		<10	0.6							<0.05			<0.005			
B-916D	11-08-2016	N	1269.4																						
B-916D	04-04-2017	N	1269.46																						
B-916D	07-24-2017	N	1271.15																						
B-916D	11-08-2017	N	1270.59																						
B-916D	04-24-2018	N	1270.95																						
B-916D	07-10-2018	N	1271.44	*11.96*	992	14.2	<0.1	8.2	<0.5		<10	1.4							<0.05			<0.005			
B-916D	07-26-2018	N	1270.38	*12.55*	1402	10.7						<0.5													
B-916D	11-06-2018	N	1269.94	*11.68*	688	10.2																			
B-916D	04-22-2019	N	1270.11	*11.79*	817	9.3																			
B-916D	07-09-2019	N	1271.38																						
B-916D	11-05-2019	N	1270.77																						
B-916D	04-21-2020	N	1271.35																						
B-916D	07-15-2020	N	1271.18	*11.47*	402	11.6	<0.1	7.6	<0.5		<10	<0.5							0.083			<0.005			
B-916D	11-02-2020	N	1270.36	*12.41*	850	6.9														<0.05			<0.005		
B-916D	04-19-2021	N	1270.39																						
B-916D	07-06-2021	N	1270.54																						
B-916D	09-29-2021	N	1269.9																						
B-916D	11-02-2021	N	1269.89																						
B-916D	04-18-2022	N	1269.84																						
B-916D	07-12-2022	N	1270.31	*12.03*	962	9.9	<0.1	19	<0.5		<10	<0.5								<0.05			<0.005		
B-916D	11-01-2022	N	1269.76																						
B-916D	04-18-2023	N	1271.18																						
B-916D	07-10-2023	N	1271.42																						
B-916D	11-08-2023	N	1271.58																						
B-917U	08-08-2001	N	1294.08																						
B-917U	08-30-2001	N	1293.08																						
B-917U	09-14-2001	N	1291.84	*6.14*	222	9.1	<0.1	3.02			<15	<0.04							0.021			0.017			
B-917U	01-24-2012	N	1295.32																						
B-917U	02-07-2012	N	1294.91																						
B-917U	03-06-2012	N	1294.31																						
B-917U	04-11-2012	N	1294.44																						
B-917U	05-16-2012	N	1296.6																						
B-917U	06-11-2012	N	1296.8	*6.28*	480	10.9	<0.1	3	<0.5		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	*0.44*		<0.001	0.036		0.009	<0.001
B-917U	09-13-2012	N	1294.74	7.05	60	9.4	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917U	04-21-2014	N	1294.84	7.6	60	9.7																			
B-917U	07-16-2014	N	1296.74	7.83	50	14.7																			
B-917U	07-21-2015	N	1296.35	7.12	50	10.8	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.004	<0.001	<0.001	<0.001	0.06		<0.001	<0.005		<0.001	<0.001
B-917U	11-09-2015	N	1293.23	6.53	48	6.9	<0.1	1	<0.5		<10	<0.5							0.05			<0.005			
B-917U	04-12-2016	N	1295.21	6.96	70	6.1	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-13-2016	N	1295.13	7.73	72	11.2	<0.1	<1	<0.5		<10	0.9							<0.05			<0.005			
B-917U	11-08-2016	N	1292.3	*6.45*	66	6	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	04-04-2017	N	1292.07	7.02	62	5.7	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-24-2017	N	1296.36	*6.23*	52	8.3	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.004	<0.001	<0.001	0.002	<0.05		0.005	<0.005		<0.001	<0.001
B-917U	11-08-2017	N	1293.49	6.7	65	6.5	<0.1	<1	<0.5		<10	<0.5							0.05			<0.005			
B-917U	04-24-2018	N	1295.07	6.57	40	9.5	<0.1	<1	<0.5		<10	<0.5							0.07			<0.005			
B-917U	07-10-2018	N	1296.06	6.77	48	12.4	<0.1	1.1	<0.5		<10	<0.5							0.13			<0.005			
B-917U	11-06-2018	N	1292.62	*6.36*	45	8	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-916D	07-21-2015	N																														
B-916D	11-09-2015	N																														
B-916D	04-12-2016	N																														
B-916D	07-13-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-916D	11-08-2016	N																														
B-916D	04-04-2017	N																														
B-916D	07-24-2017	N																														
B-916D	11-08-2017	N																														
B-916D	04-24-2018	N																														
B-916D	07-10-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	1.1	<1	<1	<5	<2	<1	<1	
B-916D	07-26-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5		<1	<10	<10	<5	<1	<1	<10	1.2	<1	<1	<5	<2	<1	<1	
B-916D	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-916D	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-916D	07-09-2019	N																														
B-916D	11-05-2019	N																														
B-916D	04-21-2020	N																														
B-916D	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-916D	11-02-2020	N																														
B-916D	04-19-2021	N																														
B-916D	07-06-2021	N																														
B-916D	09-29-2021	N																														
B-916D	11-02-2021	N																														
B-916D	04-18-2022	N																														
B-916D	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-916D	11-01-2022	N																														
B-916D	04-18-2023	N																														
B-916D	07-10-2023	N																														
B-916D	11-08-2023	N																														
B-917U	08-08-2001	N																														
B-917U	08-30-2001	N																														
B-917U	09-14-2001	N	<20	<1	<5	<20	<1	<5	15.7	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2
B-917U	01-24-2012	N																														
B-917U	02-07-2012	N																														
B-917U	03-06-2012	N																														
B-917U	04-11-2012	N																														
B-917U	05-16-2012	N																														
B-917U	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	04-21-2014	N																														
B-917U	07-16-2014	N																														
B-917U	07-21-2015	N																														
B-917U	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	07-13-2016	N																														
B-917U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-917U	07-24-2017	N																														
B-917U	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-917U	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-917U	07-10-2018	N																														
B-917U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-916D	07-21-2015	N																			
B-916D	11-09-2015	N																			
B-916D	04-12-2016	N																			
B-916D	07-13-2016	N																			
B-916D	11-08-2016	N																			
B-916D	04-04-2017	N																			
B-916D	07-24-2017	N																			
B-916D	11-08-2017	N																			
B-916D	04-24-2018	N																			
B-916D	07-10-2018	N																			
B-916D	07-26-2018	N																			
B-916D	11-06-2018	N																			
B-916D	04-22-2019	N																			
B-916D	07-09-2019	N																			
B-916D	11-05-2019	N																			
B-916D	04-21-2020	N																			
B-916D	07-15-2020	N																			
B-916D	11-02-2020	N																			
B-916D	04-19-2021	N																			
B-916D	07-06-2021	N																			
B-916D	09-29-2021	N																			
B-916D	11-02-2021	N																			
B-916D	04-18-2022	N																			
B-916D	07-12-2022	N																			
B-916D	11-01-2022	N																			
B-916D	04-18-2023	N																			
B-916D	07-10-2023	N																			
B-916D	11-08-2023	N																			
B-917U	08-08-2001	N																			
B-917U	08-30-2001	N																			
B-917U	09-14-2001	N																			
B-917U	01-24-2012	N																			
B-917U	02-07-2012	N																			
B-917U	03-06-2012	N																			
B-917U	04-11-2012	N																			
B-917U	05-16-2012	N																			
B-917U	06-11-2012	N																			
B-917U	09-13-2012	N																			
B-917U	04-21-2014	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917U	07-16-2014	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917U	07-21-2015	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917U	11-09-2015	N																			
B-917U	04-12-2016	N																			
B-917U	07-13-2016	N																			
B-917U	11-08-2016	N																			
B-917U	04-04-2017	N																			
B-917U	07-24-2017	N																			
B-917U	11-08-2017	N																			
B-917U	04-24-2018	N																			
B-917U	07-10-2018	N																			
B-917U	11-06-2018	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-917U	04-23-2019	N	1293.98	7.2	53	9.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-09-2019	N	1297.09	*6.28*	38	9.3	<0.1	1.1	<0.5		<10	<0.5	<0.001	<0.0005	0.0043	<0.001	<0.001	<0.001	0.11		<0.001	<0.005		<0.001	<0.001
B-917U	11-05-2019	N	1293.71	7.04	46	7.4	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	04-21-2020	N	1296.11	*6.43*	42	6.4	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-15-2020	N	1295.3	7	39	7.5	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	11-02-2020	N	1292.74	6.92	46	4.4	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	04-19-2021	N	1293.55	7.18	51	8	<0.1	1.2	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-06-2021	N	1294.21	6.85	42	10.4	<0.1	1.3	<0.5		<10	<0.5	<0.001	<0.0005	0.0036	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917U	09-29-2021	N	1292.12																						
B-917U	11-02-2021	N	1291.69	*6.37*	43	7.3	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	02-22-2022	N	1291.03																						
B-917U	04-18-2022	N	1292.88	6.54	44	8.3	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	06-08-2022	N	1294.52																						
B-917U	07-12-2022	N	1293.62	*6.34*	42	10	<0.1	1	<0.5		<10	<0.5							0.2			0.01			
B-917U	11-01-2022	N	1291.4	6.94	46	8.9	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	04-18-2023	N	1294.65	6.92	43	7.4	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-917U	07-10-2023	N	1295.13	6.65	43	11.5	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.002	<0.001	<0.001	0.0025	<0.05		<0.001	<0.005		<0.001	<0.001
B-917U	11-08-2023	N	1294.33	7.12	46	6.3	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	08-08-2001	N	1292.25																						
B-909	08-30-2001	N	1291.7																						
B-909	09-13-2001	N	1291.5																						
B-909	01-24-2012	N	1293.68																						
B-909	02-07-2012	N	1293.37																						
B-909	03-06-2012	N	1292.86																						
B-909	04-11-2012	N	1292.94																						
B-909	05-16-2012	N	1293.94																						
B-909	06-11-2012	N	1293.88	7.17	60	12.6	0.2	1	<0.5		<10	<0.5	<0.001	0.0016	0.032	<0.001	<0.001	0.003	*1.3*		0.003	*0.07*		0.007	<0.001
B-909	09-13-2012	N	1293.16	7.11	60	11.2	<0.1	5	<0.5		<10	<0.5	<0.001	<0.001	0.006	<0.001	<0.001	0.003	<0.05		0.001	<0.005		<0.001	<0.001
B-909	04-21-2014	N	1293.22	8.07	120	9.6																			
B-909	07-16-2014	N	1294.18	7.7	40	13.2																			
B-909	07-21-2015	N	1293.68	7.3	60	10.4	<0.1	1	<0.5		<10	<0.5	<0.001	0.0005	0.005	<0.001	<0.001	0.002	0.18		<0.001	<0.005		0.001	<0.001
B-909	11-09-2015	N	1292.1	7.22	38	6.7	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	04-12-2016	N	1293.23	7.26	59	6.6	<0.1	<1	<0.5		<10	<0.5							*0.31*			<0.005			
B-909	07-13-2016	N	1293.29	6.6	39	10.8	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	11-08-2016	N	1291.65	6.82	42	6.8	<0.1	<1	<0.5		<10	<0.5							0.1			<0.005			
B-909	04-04-2017	N	1291.45	7.06	59	5.7	<0.1	1	<0.5		<10	<0.5							0.07			<0.005			
B-909	07-24-2017	N	1293.84	*6.43*	72	8.3	<0.1	<1	<0.5		<10	1.2	<0.001	<0.0005	0.006	<0.001	<0.001	0.003	0.09		<0.001	<0.005		<0.001	<0.001
B-909	11-08-2017	N	1292.47	7.57	79	6.1	<0.1	<1	<0.5		<10	<0.5							0.18			<0.005			
B-909	04-24-2018	N	1293.35	6.59	36	9.2	<0.1	1	<0.5		<10	<0.5							0.28			0.008			
B-909	07-10-2018	N	1293.94	6.94	48	12.5	<0.5	<5	<3		<10	<0.5							0.065			<0.005			
B-909	11-06-2018	N	1291.92	6.79	59	8	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	04-23-2019	N	1292.52	7.04	79	8.8	<0.1	<1	<0.5		<10	<0.5							0.12			<0.005			
B-909	07-09-2019	N	1294.31	6.97	61	9.2	<0.1	1.2	<0.5		<10	<0.5	<0.001	<0.0005	0.008	<0.001	<0.001	0.0033	0.098		<0.001	0.028		<0.001	<0.001
B-909	11-05-2019	N	1292.68	7.23	51	8.7	<0.1	1.1	<0.5		<10	0.54							0.24			<0.005			
B-909	04-21-2020	N	1293.74	*6.27*	83	7.3	<0.1	<1	<0.5		<10	<0.5							0.13			<0.005			
B-909	07-15-2020	N	1293.5	6.67	71	8.6	<0.1	1.1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	11-02-2020	N	1292.09	6.86	71	6.1	<0.1	1.6	<0.5		<10	<0.5							0.053			<0.005			
B-909	04-19-2021	N	1292.3	7.17	78	7.9	<0.1	1.8	<0.5		<10	<0.5							<0.05			<0.005			
B-909	07-06-2021	N	1292.69	6.99	76	9.3	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0062	<0.001	<0.001	0.0023	0.082		<0.001	<0.005		<0.001	<0.001
B-909	09-29-2021	N	1291.27																						
B-909	11-02-2021	N	1291	6.76	73	7.7	<0.1	<10	<5		<10	0.56							<0.05			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																				
B-917U	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-917U	07-09-2019	N																																																	
B-917U	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-917U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	07-06-2021	N																																																	
B-917U	09-29-2021	N																																																	
B-917U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	02-22-2022	N																																																	
B-917U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	06-08-2022	N																																																	
B-917U	07-12-2022	N																																																	
B-917U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-917U	07-10-2023	N																																																	
B-917U	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-909	08-08-2001	N																																																	
B-909	08-30-2001	N																																																	
B-909	09-13-2001	N																																																	
B-909	01-24-2012	N																																																	
B-909	02-07-2012	N																																																	
B-909	03-06-2012	N																																																	
B-909	04-11-2012	N																																																	
B-909	05-16-2012	N																																																	
B-909	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	04-21-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-909	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-909	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<60	<6	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-909	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	07-13-2016	N																																																	
B-909	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-909	07-24-2017	N																																																	
B-909	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-909	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-909	07-10-2018	N																																																	
B-909	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-909	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-909	07-09-2019	N																																																	
B-909	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-909	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-909	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<70	<7	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-909	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-909	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-909	07-06-2021	N																																																	
B-909	09-29-2021	N																																																	
B-909	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-909	04-18-2022	N	1291.77	7.11	73	9.1	<0.1	<1	<0.5		<10	0.64							0.055			<0.005			
B-909	07-12-2022	N	1292.13	*6.3*	67	9.7	<0.1	1	<0.5		<10	<0.5							0.074			<0.005			
B-909	11-01-2022	N	1290.89	6.8	94	9.6	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	04-18-2023	N	1293.02	7.04	78	7.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-909	07-10-2023	N	1293.26	6.76	92	12.2	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0049	<0.001	<0.001	0.0016	<0.05		<0.001	<0.005		<0.001	<0.001
B-909	11-08-2023	N	1293.03	6.9	86	7.5	<0.1	<1	<0.5		<10	<0.5							0.097			<0.005			
B-917D	08-08-2001	N	1294.44																						
B-917D	08-30-2001	N	1293.76																						
B-917D	09-13-2001	N	1293.66	*8.64*	155	12.5	<0.1	8.49			<15	0.178							0.097			0.005			
B-917D	09-13-2001	FD					<0.1	4.77			<15	<0.04							0.197			0.008			
B-917D	01-24-2012	N	1295.42																						
B-917D	02-07-2012	N	1295.16																						
B-917D	03-06-2012	N	1294.66																						
B-917D	04-11-2012	N	1294.71																						
B-917D	05-16-2012	N	1295.16																						
B-917D	06-12-2012	N	1295.16	*5.9*	360	12.6	<0.1	30	<0.5		18	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917D	09-13-2012	N	1294.94	7.12	380	11.6	<0.1	31	<0.5		<10	<0.5	<0.001	<0.001	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917D	04-21-2014	N	1294.99	7.95	350	12.7																			
B-917D	07-16-2014	N	1295.41	7.01	160	14.8																			
B-917D	07-21-2015	N	1294.83																						
B-917D	11-09-2015	N	1294.26																						
B-917D	04-12-2016	N	1294.71																						
B-917D	07-13-2016	N	1294.85	7.51	148	10.4	<0.1	15	<0.5		<10	<0.5							<0.05			<0.005			
B-917D	11-08-2016	N	1293.97																						
B-917D	04-04-2017	N	1293.82																						
B-917D	07-24-2017	N	1295.02																						
B-917D	11-08-2017	N	1294.46																						
B-917D	04-24-2018	N	1294.79																						
B-917D	07-10-2018	N	1295.26	6.78	201	13.3	<0.1	25	<0.5		<10	<0.5							<0.05			0.007			
B-917D	11-06-2018	N	1294.01																						
B-917D	04-23-2019	N	1294.16																						
B-917D	07-09-2019	N	1295.16																						
B-917D	11-05-2019	N	1294.54																						
B-917D	04-21-2020	N	1295																						
B-917D	07-15-2020	N	1294.8	*6.46*	203	9.8	<0.1	34	<0.5		<10	<0.5							0.097			<0.005			
B-917D	11-02-2020	N	1293.99																						
B-917D	04-19-2021	N	1293.9																						
B-917D	07-06-2021	N	1293.88																						
B-917D	09-29-2021	N	1293.26																						
B-917D	11-02-2021	N	1293.04																						
B-917D	04-18-2022	N	1293.33																						
B-917D	07-12-2022	N	1293.49	*6.14*	159	10.5	<0.1	20	<0.5		<10	<0.5							<0.05			<0.005			
B-917D	11-01-2022	N	1293.02																						
B-917D	04-18-2023	N	1294.09																						
B-917D	07-10-2023	N	1294.43																						
B-917D	11-08-2023	N	1294.55																						
B-918U	08-08-2001	N	1305.75																						
B-918U	08-30-2001	N	1305.33																						
B-918U	09-11-2001	N	1305.1	6.86	61	11	<0.1	<2.5			<15	0.072							0.053			0.046			
B-918U	01-24-2012	N	1307.55																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													Semi-Volatile Organic Compounds																			
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																		
B-909	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-909	07-12-2022	N																																																
B-909	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-909	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-909	07-10-2023	N																																															
B-909	11-08-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-917D	08-08-2001	N																																															
B-917D	08-30-2001	N																																															
B-917D	09-13-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	1.1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																		
B-917D	09-13-2001	FD	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																		
B-917D	01-24-2012	N																																															
B-917D	02-07-2012	N																																															
B-917D	03-06-2012	N																																															
B-917D	04-11-2012	N																																															
B-917D	05-16-2012	N																																															
B-917D	06-12-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
B-917D	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
B-917D	04-21-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917D	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-917D	07-21-2015	N																																																
B-917D	11-09-2015	N																																															
B-917D	04-12-2016	N																																															
B-917D	07-13-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																			
B-917D	11-08-2016	N																																															
B-917D	04-04-2017	N																																															
B-917D	07-24-2017	N																																															
B-917D	11-08-2017	N																																															
B-917D	04-24-2018	N																																															
B-917D	07-10-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																			
B-917D	11-06-2018	N																																															
B-917D	04-23-2019	N																																															
B-917D	07-09-2019	N																																															
B-917D	11-05-2019	N																																															
B-917D	04-21-2020	N																																															
B-917D	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-917D	11-02-2020	N																																															
B-917D	04-19-2021	N																																															
B-917D	07-06-2021	N																																															
B-917D	09-29-2021	N																																															
B-917D	11-02-2021	N																																															
B-917D	04-18-2022	N																																															
B-917D	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																			
B-917D	11-01-2022	N																																															
B-917D	04-18-2023	N																																															
B-917D	07-10-2023	N																																															
B-917D	11-08-2023	N																																															
B-918U	08-08-2001	N																																															
B-918U	08-30-2001	N																																															
B-918U	09-11-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																		
B-918U	01-24-2012	N																																															

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-918U	02-07-2012	N	1307.3																						
B-918U	03-06-2012	N	1316.81																						
B-918U	04-11-2012	N	1306.78																						
B-918U	05-16-2012	N	1307.25																						
B-918U	06-11-2012	N	1306.86	*5.68*	580	11.8	0.3	6	<0.5		12	<0.5	<0.001	<0.0005	0.015	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918U	09-13-2012	N	1306.6	*5.64*	220	13.2	0.4	15	0.7		<10	<0.5	<0.001	<0.001	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	0.006		0.003	<0.001
B-918U	04-22-2014	N	1306.41	*5.83*	370	11.3																			
B-918U	07-16-2014	N	1307.69	*6.04*	179	8.6																			
B-918U	07-21-2015	N	1306.38	*6.25*	145	12.2	<0.1	27	<0.5		<10	<0.5	<0.001	<0.0005	0.008	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-918U	11-09-2015	N	1304.56	*6.12*	153	8	<0.1	24	<0.5		<10	<0.5							<0.05			<0.005			
B-918U	04-12-2016	N	1305.64	7.45	248	6.8	<0.1	21	0.5		<10	0.6							<0.05			<0.005			
B-918U	07-12-2016	N	1304.1	7.02	115	11.9	<0.1	16	<0.5		<10	<0.5							<0.05			<0.005			
B-918U	11-08-2016	N	1303.67	*6.05*	216	12.2	<0.1	31	0.8		<10	<0.5							<0.05			<0.005			
B-918U	04-04-2017	N	1303.84	*6.46*	129	7	<0.1	19	0.7		<10	<0.5							<0.05			<0.005			
B-918U	07-24-2017	N	1304.5	6.53	119	9.4	<0.1	16	1		10	<0.5	<0.001	<0.0005	0.006	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-918U	11-08-2017	N	1303.87	7.1	169	8.7	<0.1	22	0.6		<10	<0.5							<0.05			<0.005			
B-918U	04-24-2018	N	1304.78	*6.16*	90	11.3	<0.1	8.3	0.94		<10	<0.5							<0.05			<0.005			
B-918U	07-09-2018	N	1304.31	*5.48*	116	16.1	<0.1	5.5	1.2		16	<0.5							<0.05			<0.005			
B-918U	08-27-2018	N	1303.95	6.96	133	9.9	<0.1	18	0.64		<10	0.54							<0.05			<0.005			
B-918U	11-05-2018	N	1303.39	*6.39*	269	7.1	<0.1	16	0.86		<10	<0.5							<0.05			<0.005			
B-918U	04-22-2019	N	1304.39	*5.96*	112	12.9	<0.1	7	0.9		<10	<0.5							<0.05			<0.005			
B-918U	07-09-2019	N	1304.57	*6.46*	100	10.5	<0.1	5.1	1.6		<10	<0.5	<0.001	<0.0005	0.0055	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918U	11-04-2019	N	1304.24	*6.25*	143	9.3	<0.1	14	0.86		<10	<0.5							<0.05			<0.005			
B-918U	04-20-2020	N	1305.35	*6.47*	181	8.8	<0.1	22	6		<10	<0.5							*0.36*			0.013			
B-918U	07-15-2020	N	1304.39	*6.26*	413	9.9	<0.1	21	3.2		<10	<0.5							<0.05			<0.005			
B-918U	11-02-2020	N	1304.12	7.22	137	5	<0.1	15	0.97		<10	<0.5							<0.05			<0.005			
B-918U	04-19-2021	N	1304.36	*6.14*	177	10.1	<0.1	16	2.4		<10	<0.5							<0.05			<0.005			
B-918U	07-06-2021	N	1303.68	*5.89*	191	11	<0.1	22	3.8		<10	<0.5	<0.001	<0.0005	0.015	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918U	09-29-2021	N	1303.15																						
B-918U	11-02-2021	N	1302.94	6.69	148	6.4	<0.1	13	0.88		<10	<0.5							<0.05			<0.005			
B-918U	02-22-2022	N	1302.89																						
B-918U	04-18-2022	N	1303.64	*6.43*	164	10.9	<0.1	16	2.1		<10	0.62							<0.05			<0.005			
B-918U	06-08-2022	N	1303.37																						
B-918U	07-12-2022	N	1302.97	*5.94*	181	11.3	<0.1	22	2.2		<10	<0.5							<0.05			<0.005			
B-918U	11-01-2022	N	1302.58	*6.2*	172	13.8	<0.1	15	1.2		<10	<0.5							<0.05			<0.005			
B-918U	04-19-2023	N	1303.63	*6.32*	280	7.8	0.13	46	4.1		<10	<0.5							<0.05			<0.005			
B-918U	07-11-2023	N	1303.65	*6.18*	276	14.4	0.13	40	2.7		<10	<0.5	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918U	11-06-2023	N	1304.07	*6.06*	260	9.4	<0.1	31	2.2		<10	<0.5							<0.05			<0.005			
B-918M	08-08-2001	N	1305.58																						
B-918M	08-30-2001	N	1305.35																						
B-918M	09-11-2001	N	1305.15	*9.41*	347	14.1	0.957	3.3			<15	0.093							<0.01			<0.005			
B-918M	01-24-2012	N	1307																						
B-918M	02-07-2012	N	1306.79																						
B-918M	03-06-2012	N	1306.44																						
B-918M	04-11-2012	N	1306.34																						
B-918M	05-16-2012	N	1306.46																						
B-918M	06-12-2012	N	1306.38	*6.3*	330	13.1	0.3	17	<0.5		19	<0.5	<0.001	<0.0005	0.04	<0.001	<0.001	<0.001	<0.05		<0.001	0.02		0.007	<0.001
B-918M	09-13-2012	N	1306.16	6.56	250	10.5	0.2	21	<0.5		<10	<0.5	<0.001	<0.001	0.033	<0.001	<0.001	<0.001	<0.05		<0.001	0.041		0.002	<0.001
B-918M	04-22-2014	N	1306.22	*6.26*	340	10.2																			
B-918M	07-16-2014	N	1306.52	6.66	210	10.4																			
B-918M	07-21-2015	N	1305.71	6.59	203	12	<0.1	11	<0.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	0.06		<0.001	0.023		0.002	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																							
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																					
B-918U	02-07-2012	N																																																				
B-918U	03-06-2012	N																																																			
B-918U	04-11-2012	N																																																			
B-918U	05-16-2012	N																																																			
B-918U	06-11-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	04-22-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918U	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918U	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918U	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	07-12-2016	N																																																			
B-918U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918U	07-24-2017	N																																																		
B-918U	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	07-09-2018	N																																																		
B-918U	08-27-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	07-09-2019	N																																																		
B-918U	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-918U	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	07-06-2021	N																																																		
B-918U	09-29-2021	N																																																		
B-918U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	02-22-2022	N																																																		
B-918U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	06-08-2022	N																																																		
B-918U	07-12-2022	N																																																		
B-918U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918U	07-11-2023	N																																																		
B-918U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-918M	08-08-2001	N																																																			
B-918M	08-30-2001	N																																																			
B-918M	09-11-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																							
B-918M	01-24-2012	N																																																			
B-918M	02-07-2012	N																																																			
B-918M	03-06-2012	N																																																			
B-918M	04-11-2012	N																																																			
B-918M	05-16-2012	N																																																			
B-918M	06-12-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918M	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-918M	04-22-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918M	07-16-2014	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1
B-918M	07-21-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-918M	11-09-2015	N	1304.65	*6.43*	302	8.9	<0.1	14	<0.5		<10	<0.5							<0.05			0.021			
B-918M	04-12-2016	N	1304.24	6.67	242	7.2	<0.1	15	<0.5		<10	<0.5							<0.05			0.02			
B-918M	07-12-2016	N	1304.18	7.25	194	11.9	<0.1	14	<0.5		<10	0.6							<0.05			0.018			
B-918M	11-08-2016	N	1303.8	*6.47*	204	11.5	<0.1	20	<0.5		<10	<0.5							<0.05			0.02			
B-918M	04-04-2017	N	1303.72	6.87	203	7.5	0.1	19	<0.5		<10	<0.5							<0.05			0.02			
B-918M	07-24-2017	N	1304.24	*6.15*	205	10.5	<0.1	20	<0.5		10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	0.025		<0.001	<0.001
B-918M	11-08-2017	N	1303.82	*6.38*	211	8.2	<0.1	21	<0.5		<10	<0.5							<0.05			0.024			
B-918M	04-24-2018	N	1304.39	*6.26*	219	12.1	<0.1	30	<0.5		<10	<0.5							<0.05			0.041			
B-918M	05-04-2018	N	1304.38	*6.24*	333	11.2		30																	
B-918M	07-09-2018	N	1304.33	*6*	275	15.6	0.1	30	<0.5		<10	<0.5							<0.05			0.041			
B-918M	08-27-2018	N	1304.13	6.81	261	11	<0.1	28	<0.5		<10	<0.5							<0.05			0.039			
B-918M	11-05-2018	N	1303.65	6.99	865	7.3	<0.1	21	<0.5		<10	<0.5							<0.05			0.03			
B-918M	04-22-2019	N	1304.06	*6.32*	206	10.1	<0.1	16	<0.5		<10	<0.5							<0.05			0.019			
B-918M	07-09-2019	N	1304.35	6.56	209	10.4	<0.1	16	<0.5		<10	<0.5	<0.001	<0.0005	0.027	<0.001	<0.001	<0.001	<0.05		<0.001	0.024		0.0015	<0.001
B-918M	11-04-2019	N	1304.35	6.74	225	9.2	<0.1	15	<0.5	12	<10	<0.5							<0.05			0.021			
B-918M	01-07-2020	N	1304.44	7.31	211	7.6	<0.1	14	<0.5	12	<10	<0.5							<0.05			0.019			
B-918M	04-20-2020	N	1304.94	6.74	199	9.3	<0.1	12	<0.5	13	<10	<0.5							<0.05			0.017			
B-918M	07-15-2020	N	1304.51	6.83	182	10.6	<0.1	12	<0.5	12	<10	<0.5							<0.05			0.021			
B-918M	11-02-2020	N	1304.05	7.13	199	7.8	<0.1	18	<0.5	13	<10	<0.5							<0.05			0.019			
B-918M	01-13-2021	N	1304.34	7.33	297	7.3	<0.1	14	<0.5	13	<10	<0.5							<0.05			0.018			
B-918M	04-19-2021	N	1304.18	6.52	224	8.9	<0.1	13	<0.5	13	<10	<0.5							<0.05			0.018			
B-918M	07-06-2021	N	1303.84	*6.28*	238	11.4	<0.1	23	<0.5	13	<10	<0.5	<0.001	<0.0005	0.021	<0.001	<0.001	<0.001	<0.05		<0.001	0.019		0.0011	<0.001
B-918M	09-29-2021	N	1303.46																						
B-918M	11-02-2021	N	1303.23	6.5	191	8.6	<0.1	20	<0.5	14	<10	<0.5							<0.05			0.017			
B-918M	01-06-2022	N	1303.11	7.24	225	7.4	<0.1	17	<0.5	14	<10	<0.5							<0.05			0.016			
B-918M	04-18-2022	N	1303.43	*6.35*	273	10.4	<0.1	24	<0.5	13	<10	<0.5							<0.05			0.017			
B-918M	07-12-2022	N	1303.14	*6.24*	220	11	<0.1	24	<0.5	14	<10	<0.5							<0.05			0.019			
B-918M	11-02-2022	N	1302.73	6.51	223	10.9	<0.1	20	<0.5	13	<10	<0.5							<0.05			0.016			
B-918M	01-04-2023	N	1303.06	6.95	190	9	<0.1	15	<0.5	13	<10	<0.5							<0.05			0.011			
B-918M	04-19-2023	N	1303.33	6.64	180	9.4	<0.1	12	<0.5	13	<10	<0.5							<0.05			0.011			
B-918M	07-11-2023	N	1303.5	6.5	177	13.3	<0.1	10	0.66	12	<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.0098		0.0014	<0.001
B-918M	11-06-2023	N	1304.2	6.72	167	9.7	<0.1	14	0.98	11	<10	<0.5							<0.05			0.0059			
B-918D	08-08-2001	N	1294.89																						
B-918D	08-30-2001	N	1294.59																						
B-918D	09-11-2001	N	1294.49	*6.26*	124	13.3	<0.1	<2.5			<15	0.329							<0.01			<0.005			
B-918D	01-24-2012	N	1296.56																						
B-918D	02-07-2012	N	1296.33																						
B-918D	03-06-2012	N	1295.87																						
B-918D	04-11-2012	N	1295.89																						
B-918D	05-16-2012	N	1296.15																						
B-918D	06-12-2012	N	1296.09	7	180	19.6	<0.1	5	<0.5		16	<0.5	<0.001	<0.0005	0.009	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918D	09-13-2012	N	1295.81	6.87	290	12.1	<0.1	6	<0.5		<10	0.8	<0.001	<0.001	0.009	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-918D	04-22-2014	N	1296.16	6.88	170	12.6																			
B-918D	07-16-2014	N	1296.29	6.99	139	10.5																			
B-918D	07-21-2015	N	1295.64																						
B-918D	11-09-2015	N	1295.17																						
B-918D	04-12-2016	N	1295.44																						
B-918D	07-12-2016	N	1295.49	8.33	137	13.4	<0.1	3	<0.5		<10	<0.5							<0.05			<0.005			
B-918D	11-08-2016	N	1293.87																						
B-918D	04-04-2017	N	1294.55																						
B-918D	07-24-2017	N	1295.31																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**6000**	**5**	**10**	**4000**	**100**		**70**	**30**	**75**	**1000**	**81**	**7**	**70**	**1400**	**0.32**	**700**		**2000**	**5**	**13**	**5**	**600**	**1000**	**200**	**5**	**2000**	**2**	**10000**	**10000**	**10000**
		SMCL																														
B-918M	11-09-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918M	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918M	07-12-2016	N																														
B-918M	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918M	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918M	07-24-2017	N																														
B-918M	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	**0.52**	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	05-04-2018	N															**0.39**															
B-918M	07-09-2018	N																														
B-918M	08-27-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	0.28	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	07-09-2019	N																														
B-918M	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	01-07-2020	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-918M	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	01-13-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	07-06-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	09-29-2021	N																														
B-918M	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	01-06-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	01-04-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918M	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-918D	08-08-2001	N																														
B-918D	08-30-2001	N																														
B-918D	09-11-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2
B-918D	01-24-2012	N																														
B-918D	02-07-2012	N																														
B-918D	03-06-2012	N																														
B-918D	04-11-2012	N																														
B-918D	05-16-2012	N																														
B-918D	06-12-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918D	09-13-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918D	04-22-2014	N																														
B-918D	07-16-2014	N																														
B-918D	07-21-2015	N																														
B-918D	11-09-2015	N																														
B-918D	04-12-2016	N																														
B-918D	07-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-918D	11-08-2016	N																														
B-918D	04-04-2017	N																														
B-918D	07-24-2017	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**28000**	**6**	**5**	**0.1**	**280**	**280**	**0.1**	**40**	**100**	**210**	**210**
		SMCL																			
B-918M	11-09-2015	N																			
B-918M	04-12-2016	N																			
B-918M	07-12-2016	N																			
B-918M	11-08-2016	N																			
B-918M	04-04-2017	N																			
B-918M	07-24-2017	N																			
B-918M	11-08-2017	N																			
B-918M	04-24-2018	N																			
B-918M	05-04-2018	N																			
B-918M	07-09-2018	N																			
B-918M	08-27-2018	N																			
B-918M	11-05-2018	N																			
B-918M	04-22-2019	N																			
B-918M	07-09-2019	N																			
B-918M	11-04-2019	N																			
B-918M	01-07-2020	N																			
B-918M	04-20-2020	N																			
B-918M	07-15-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918M	11-02-2020	N																			
B-918M	01-13-2021	N																			
B-918M	04-19-2021	N																			
B-918M	07-06-2021	N																			
B-918M	09-29-2021	N																			
B-918M	11-02-2021	N																			
B-918M	01-06-2022	N																			
B-918M	04-18-2022	N																			
B-918M	07-12-2022	N																			
B-918M	11-02-2022	N																			
B-918M	01-04-2023	N																			
B-918M	04-19-2023	N																			
B-918M	07-11-2023	N																			
B-918M	11-06-2023	N																			
B-918D	08-08-2001	N																			
B-918D	08-30-2001	N																			
B-918D	09-11-2001	N																			
B-918D	01-24-2012	N																			
B-918D	02-07-2012	N																			
B-918D	03-06-2012	N																			
B-918D	04-11-2012	N																			
B-918D	05-16-2012	N																			
B-918D	06-12-2012	N																			
B-918D	09-13-2012	N																			
B-918D	04-22-2014	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918D	07-16-2014	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-918D	07-21-2015	N																			
B-918D	11-09-2015	N																			
B-918D	04-12-2016	N																			
B-918D	07-12-2016	N																			
B-918D	11-08-2016	N																			
B-918D	04-04-2017	N																			
B-918D	07-24-2017	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-918D	11-08-2017	N	1295.01																						
B-918D	04-24-2018	N	1295.33																						
B-918D	07-09-2018	N	1295.62	6.61	154	14.2	<0.1	5.4	<0.5		<10	<0.5							<0.05			<0.005			
B-918D	08-27-2018	N	1295.29	7.44	150	11.4	<0.1	4.4	<0.5		<10	<0.5							<0.05			<0.005			
B-918D	11-05-2018	N	1294.75																						
B-918D	04-22-2019	N	1294.72																						
B-918D	07-09-2019	N	1295.52	6.94	133	10																			
B-918D	11-04-2019	N	1295.16																						
B-918D	04-20-2020	N	1295.57																						
B-918D	07-15-2020	N	1295.56	6.88	132	10.4	<0.1	4.7	<0.5		<10	<0.5							<0.05			<0.005			
B-918D	11-02-2020	N	1295.1																						
B-918D	04-19-2021	N	1294.86																						
B-918D	07-06-2021	N	1294.79	6.91	125	12																			
B-918D	09-29-2021	N	1294.28																						
B-918D	11-02-2021	N	1294.07																						
B-918D	04-18-2022	N	1294.15																						
B-918D	07-12-2022	N	1294.35	6.74	120	10.8	<0.1	4.3	<0.5		<10	<0.5							<0.05			<0.005			
B-918D	11-02-2022	N	1293.97																						
B-918D	04-19-2023	N	1294.75																						
B-918D	07-11-2023	N	1295.18	6.83	135	12.4																			
B-918D	11-06-2023	N	1296.49																						
B-919U	09-11-2001	N	1303.56	*5.87*	77	10.7	<0.1	<2.5			<15	0.149							<0.01			0.025			
B-919U	11-06-2006	N	1306.2	*6.1*	150	11.6	<0.1	2.87	1.71		68	0.639							0.264			<0.02			
B-919U	04-09-2007	N	1305.73	*5.8*	170	7.9	<0.1	4.17	2.56		<15	0.887							0.235			<0.02			
B-919U	07-23-2007	N	1306.05	6.9	182	13.9	<0.1	4.8	3.69		<15	0.754	<0.002	<0.002	<0.02	<0.002	<0.002	<0.02	<0.02		<0.001	<0.02		<0.02	<0.02
B-919U	11-05-2007	N	1305.22	*6.1*	170	8.6	<0.1	5.2	4.1		<10	1.3		<0.002					*0.317*			<0.02			
B-919U	04-21-2008	N	1304.97	*5.98*	310	10.9	<0.1	5.8	4.6		85	0.17		<0.002					<0.02			<0.02			
B-919U	07-21-2008	N	1305.05	6.6	50	13.3	<0.1	4.8	4.2		10	1.8							<0.02			<0.02			
B-919U	11-18-2008	N	1305.88	*5.9*	150	5	<0.1	3.5	5.3		410	0.45		<0.002					*0.69*			<0.02			
B-919U	03-18-2009	N	1305.76	*5.9*	170	10.1																			
B-919U	04-07-2009	N	1305.94	*6*	150	6.8	<0.1	4	4.6		<10	<0.5		<0.001					0.15			0.018			
B-919U	05-19-2009	N	1306.23	*5.9*	180	15.2																			
B-919U	06-10-2009	N	1306.31	*5.9*	190	15.1																			
B-919U	07-14-2009	N	1306.54	*5.56*	180	12.9	<0.1	5	5.1		<10	<0.5	<0.001	<0.0005	0.015	<0.001	<0.001	0.002	<0.05		<0.001	<0.005		0.001	<0.001
B-919U	07-30-2009	N																							
B-919U	08-24-2009	N	1306.52	*5.8*	260	16.1																			
B-919U	09-15-2009	N	1306.4	*6.2*	150	12.8																			
B-919U	10-14-2009	N	1306.03	*5.46*	140	8.5																			
B-919U	11-10-2009	N	1305.93	*5.6*	160	11.7	<0.1	7	2.4		10	<0.5		<0.0005					<0.05			<0.005			
B-919U	12-08-2009	N	1305.91	*6.2*	170	6.8																			
B-919U	01-07-2010	N	1305.8	*5.9*	170	7.6																			
B-919U	02-09-2010	N	1305.63	*6.3*	180	10.2																			
B-919U	03-09-2010	N	1305.49	*5.3*	150	11.3																			
B-919U	04-07-2010	N	1305.99	*5.2*	170	15.9	<0.1	13	1.2		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	05-25-2010	N	1306.58	*5.5*	170	19.1																			
B-919U	06-15-2010	N	1306.39	*5.1*	160	14																			
B-919U	07-13-2010	N	1306.61	*5.6*	160	18.9	<0.1	20	0.7		<10	<0.5							*4.3*			***0.31***			
B-919U	08-09-2010	N	1306.86	*5.2*	170	19																			
B-919U	09-08-2010	N	1306.54	*5.3*	170	13.8																			
B-919U	10-05-2010	N	1306.42	*5.5*	140	16																			
B-919U	11-02-2010	N	1306.61	*5.2*	190	7.9	<0.1	13	0.8		<10	<0.5		<0.001					<0.05			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																		
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																
B-918D	11-08-2017	N																																																
B-918D	04-24-2018	N																																																
B-918D	07-09-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-918D	08-27-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																				
B-918D	11-05-2018	N																																																
B-918D	04-22-2019	N																																																
B-918D	07-09-2019	N																																																
B-918D	11-04-2019	N																																																
B-918D	04-20-2020	N																																																
B-918D	07-15-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-918D	11-02-2020	N																																																
B-918D	04-19-2021	N																																																
B-918D	07-06-2021	N																																																
B-918D	09-29-2021	N																																																
B-918D	11-02-2021	N																																																
B-918D	04-18-2022	N																																																
B-918D	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																				
B-918D	11-02-2022	N																																																
B-918D	04-19-2023	N																																																
B-918D	07-11-2023	N																																																
B-918D	11-06-2023	N																																																
B-919U	09-11-2001	N	<20	<1	<5	<20	<1	<5	9	<10	<1	22.4	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2																			
B-919U	11-06-2006	N							<1			10.8																																							
B-919U	04-09-2007	N							<1			<5																																							
B-919U	07-23-2007	N																																																
B-919U	11-05-2007	N							<1			<5																																							
B-919U	04-21-2008	N							<1			7																																							
B-919U	07-21-2008	N																																																
B-919U	11-18-2008	N							<1			<5																																							
B-919U	03-18-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	04-07-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	05-19-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	06-10-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	07-14-2009	N																																																
B-919U	07-30-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	08-24-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	09-15-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	10-14-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	11-10-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	6	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	12-08-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	01-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	7	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	02-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	03-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	05-25-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	06-15-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	07-13-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-919U	08-09-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	09-08-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	10-05-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				
B-919U	11-02-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-919U	11-02-2010	FD					<0.1	13	0.8		<10	<0.5							<0.05			<0.005			
B-919U	12-02-2010	N	1306.62	*5.7*	130	9.7																			
B-919U	01-13-2011	N	1306.55	*5.7*	140	8.4																			
B-919U	02-16-2011	N	1306.26	*5.6*	158	8.9																			
B-919U	04-18-2011	N	1306.95	*5.89*	160	8.6	<0.1	16	0.8		<10	<0.5		<0.001					<0.05			0.005			
B-919U	07-12-2011	N	1307.17	*5.6*	150	20.2	<0.1	19	0.6		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-919U	11-01-2011	N	1306.29	*6.05*	180	12.6	<0.1	17	0.9		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-10-2012	N	1305.21	*5.7*	130	10.8	<0.1	18	1		<10	<0.5		<0.0005					*0.43*			0.036			
B-919U	07-18-2012	N	1304.8	*5.95*	170	17.9	<0.1	16	0.9		<10	<0.5		<0.001					*0.37*			0.012			
B-919U	11-07-2012	N	1304.34	*6.1*	200	8.8	<0.1	14	0.9		<10	<0.5		<0.001					0.14			0.009			
B-919U	04-10-2013	N	1304.27	*6.3*	200	12	<0.1	11	1.3		<10	<0.5		<0.001					0.17			0.012			
B-919U	07-08-2013	N	1304.93	*5.72*	196	19.3	<0.1	9	1		<10	<0.5	<0.001	<0.0005	0.015	<0.001	<0.001	<0.001	0.1		<0.001	0.009		0.003	<0.001
B-919U	11-06-2013	N	1305.19	*6.17*	480	11.2	<0.1	24	0.8		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-23-2014	N	1305.3	*6*	280	9.4	<0.1	15	0.8		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	07-14-2014	N	1305.92	*6.11*	191	15.9	<0.1	20	<0.5		<10	<0.5							<0.05			0.006			
B-919U	11-05-2014	N	1304.57	*6.03*	340	11.4	<0.1	20	0.5		<10	0.9		<0.0005					<0.05			0.007			
B-919U	04-14-2015	N	1303.23	*6.13*	171	11.2	<0.1	18	0.6		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	07-22-2015	N	1305.17	*6.07*	171	14.4	<0.1	18	<0.5		<10	<0.5	<0.001	<0.0005	0.011	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-919U	11-10-2015	N	1304.51	6.84	290	12.8	<0.1	16	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-12-2016	N	1305.13	*6.26*	227	11	<0.1	23	<0.5		<10	<0.5		<0.0005					<0.05			0.005			
B-919U	07-12-2016	N	1303.84	*6.46*	198	17.4	<0.1	18	<0.5		<10	<0.5							<0.05			0.008			
B-919U	11-08-2016	N	1302.96	6.73	180	11.4	<0.1	15	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-04-2017	N	1303.63	7.35	163	9.6	<0.1	16	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	07-24-2017	N	1305.04	*6.48*	229	12.5	<0.1	23	<0.5		<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	11-07-2017	N	1304.04	6.66	226	10.2	<0.1	32	<0.5		15	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-23-2018	N	1304.63	*6.43*	213	15.3	<0.1	35	<0.5		<10	<0.5		<0.001					<0.05			0.006			
B-919U	07-09-2018	N	1304.4	*6.22*	246	14	<0.1	37	<0.5		<10	<0.5							<0.05			0.011			
B-919U	11-05-2018	N	1303.19	*6.4*	409	10	<0.1	36	<0.5		<10	<0.5		<0.001					<0.05			0.0076			
B-919U	04-22-2019	N	1304.5	*6.41*	177	13.6	<0.1	19	<0.5		<10	<0.5		<0.001					<0.05			<0.005			
B-919U	07-08-2019	N	1304.96	*6.05*	229	12.4	<0.1	36	<0.5		<10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	11-04-2019	N	1304.91	*6.47*	165	11	<0.1	20	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-20-2020	N	1306	*6*	336	11.5	<0.1	15	0.71		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	07-13-2020	N	1304.61	*6.41*	174	18.9	<0.1	13	<0.5		<10	<0.5							<0.05			<0.005			
B-919U	11-02-2020	N	1304.91	7.15	151	7.7	<0.1	11	0.61		<10	<0.5		<0.0005					<0.05			<0.005			
B-919U	04-19-2021	N	1304.49	6.96	151	10.2	<0.1	8.2	0.56		<10	<0.5		<0.0005					0.15			<0.005			
B-919U	05-27-2021	N	1304.45	7.03	128	13.2	<0.1	7.5	0.75		<10	<0.5	<0.001	<0.001	0.0076	<0.001	<0.001	0.0014	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	07-07-2021	N	1303.61	6.51	120	13.8	<0.1	7.5	0.74		<10	<0.5	<0.001	<0.0005	0.0072	<0.001	<0.001	0.0012	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	09-29-2021	N	1303.52	6.54	119	12	<0.1	5.9	0.82		<10	<0.5	<0.001	<0.0005	0.024	<0.001	<0.001	0.0012	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	11-01-2021	N	1303.66	*6.1*	114	10.9	<0.1	7.1	0.89		<10	<0.5	<0.001	<0.0005	0.0071	<0.001	<0.001	0.0011	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	02-22-2022	N	1303.28	6.8	144	12.9	<0.1	10	2.3		<10	<0.5	<0.001	<0.0005	0.0085	<0.001	<0.001	0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	04-18-2022	N	1304.65	6.57	134	11.5	<0.1	6.4	1.2		<10	<0.5	<0.001	<0.0005	0.0072	<0.001	<0.001	0.0029	<0.05		0.0032	<0.005		0.0021	<0.001
B-919U	06-08-2022	N	1304.47	*6.16*	266	15.9	<0.1	11	1.2		<10	<0.5	<0.001	<0.0005	0.0071	<0.001	<0.001	0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-919U	07-11-2022	N	1303.84	6.64	390	13.8	<0.1	9.8	0.96		<10	<0.5							0.1			0.005			
B-919U	11-02-2022	N	1303.79	*6.49*	136	11	<0.1	5.3	1.3		<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	0.0011	<0.05		<0.001	<0.005		<0.001	<0.001
B-919U	04-18-2023	N	1304.13	6.77	108	10.2	<0.1	4	<0.5		<10	<0.5		0.00056					<0.05			<0.005			
B-919U	07-11-2023	N	1304.36	7.03	136	13.9	<0.1	3	<0.5		<10	<0.5	<0.001	<0.0005	0.005	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0013	<0.001
B-919U	11-06-2023	N	1304.31	*6.22*	103	9.9	<0.1	3.2	0.51		<10	<0.5		<0.0005					<0.05			<0.005			
B-919M	09-11-2001	N	1291.71	*12.31*	2650	12.9	0.208	4.78			<15	0.256							<0.01			<0.005			
B-919M	11-06-2006	N	1295.08	*8.8*	190	11.1	<0.1	4.4	<0.02		<15	0.407							*0.321*			***1.93***			
B-919M	04-09-2007	N	1294.77	8.2	150	5.6	<0.1	4.53	0.031		<15	0.339							*1.33*			***1.42***			
B-919M	07-23-2007	N	1295.08	*9.1*	139	14.8	<0.1	4.2	0.584		<15	0.2	<0.002	**0.033**	0.031	<0.002	<0.002	<0.02	0.085		<0.001	*0.059*		<0.02	<0.02

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-919U	11-02-2010	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	12-02-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	01-13-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	02-16-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-12-2011	N																														
B-919U	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-18-2012	N																														
B-919U	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-08-2013	N																														
B-919U	11-06-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-23-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-14-2014	N																														
B-919U	11-05-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-22-2015	N																														
B-919U	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-12-2016	N																														
B-919U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919U	07-24-2017	N																														
B-919U	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919U	04-23-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919U	07-09-2018	N																														
B-919U	11-05-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919U	04-22-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919U	07-08-2019	N																														
B-919U	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919U	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	07-13-2020	N																														
B-919U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	06-08-2022	N	11	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	07-11-2022	N																														
B-919U	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919U	07-11-2023	N																														
B-919U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919M	09-11-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	2.2	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2
B-919M	11-06-2006	N	<10										<1																			
B-919M	04-09-2007	N	10.7										<1																			
B-919M	07-23-2007	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-919U	11-02-2010	FD																			
B-919U	12-02-2010	N																			
B-919U	01-13-2011	N																			
B-919U	02-16-2011	N																			
B-919U	04-18-2011	N																			
B-919U	07-12-2011	N																			
B-919U	11-01-2011	N																			
B-919U	04-10-2012	N																			
B-919U	07-18-2012	N																			
B-919U	11-07-2012	N																			
B-919U	04-10-2013	N																			
B-919U	07-08-2013	N																			
B-919U	11-06-2013	N																			
B-919U	04-23-2014	N																			
B-919U	07-14-2014	N																			
B-919U	11-05-2014	N																			
B-919U	04-14-2015	N																			
B-919U	07-22-2015	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-919U	11-10-2015	N																			
B-919U	04-12-2016	N																			
B-919U	07-12-2016	N																			
B-919U	11-08-2016	N																			
B-919U	04-04-2017	N																			
B-919U	07-24-2017	N																			
B-919U	11-07-2017	N																			
B-919U	04-23-2018	N																			
B-919U	07-09-2018	N																			
B-919U	11-05-2018	N																			
B-919U	04-22-2019	N																			
B-919U	07-08-2019	N																			
B-919U	11-04-2019	N																			
B-919U	04-20-2020	N																			
B-919U	07-13-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-919U	11-02-2020	N																			
B-919U	04-19-2021	N																			
B-919U	05-27-2021	N																			
B-919U	07-07-2021	N																			
B-919U	09-29-2021	N																			
B-919U	11-01-2021	N																			
B-919U	02-22-2022	N																			
B-919U	04-18-2022	N																			
B-919U	06-08-2022	N																			
B-919U	07-11-2022	N																			
B-919U	11-02-2022	N																			
B-919U	04-18-2023	N																			
B-919U	07-11-2023	N																			
B-919U	11-06-2023	N																			
B-919M	09-11-2001	N																			
B-919M	11-06-2006	N																			
B-919M	04-09-2007	N																			
B-919M	07-23-2007	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-919M	11-05-2007	N	1294.12	8.3	170	7.4	0.27	4.4	0.2		<10	0.3		**0.051**					0.137			***1.15***			
B-919M	04-21-2008	N	1294.14	*9.84*	70	14.5	<0.1	4	0.28		62	0.49		**0.03**					*0.63*			*0.14*			
B-919M	07-21-2008	N	1294.43	*8.9*	140	16.7	<0.1	4	<0.02		84	0.64							0.29			*0.16*			
B-919M	11-18-2008	N	1294.97	8.3	130	4.1	<0.1	4.4	<0.02		25	15		**0.091**					<0.02			*0.074*			
B-919M	04-07-2009	N	1295.11	*10*	190	8.5	<0.1	9	<0.5		120	5.8		**0.055**					*2.5*			***0.91***			
B-919M	07-13-2009	N	1295.35	7.03	210	18.2	<0.1	10	<0.5		150	3.9	0.002	**0.044**	0.039	<0.001	<0.001	<0.001	*0.34*		<0.001	***2.5***		0.001	<0.001
B-919M	11-10-2009	N	1294.96	8.5	230	13.2	<0.1	4	<0.5		20	<0.5		**0.04**					<0.05			***0.95***			
B-919M	04-07-2010	N	1294.75	8.28	220	18.4	<0.1	4	<0.5		<10	<0.5		**0.024**					<0.05			*0.26*			
B-919M	07-13-2010	N	1295.26	7.2	190	18.1	<0.1	4	<0.5		<10	<0.5							<0.05			***1.3***			
B-919M	11-02-2010	N	1295.14	7.2	200	8.1	<0.1	5	<0.5		11	0.6		**0.053**					*2.1*			***2.3***			
B-919M	01-13-2011	N	1294.85																						
B-919M	04-18-2011	N	1295.26	*8.92*	230	12.4	<0.1	4	<0.5		<10	<0.5		**0.025**					0.2			*0.24*			
B-919M	07-12-2011	N	1295.9	*6.2*	170	21.2	<0.1	5	<0.5		29	1.4	<0.001	**0.045**	0.036	<0.001	<0.001	<0.001	*2*		<0.001	***3***		0.002	<0.001
B-919M	11-01-2011	N	1294.99	*8.74*	220	16.5	<0.1	4	<0.5		<10	<0.5		**0.011**					0.09			***0.9***			
B-919M	04-10-2012	N	1294.06	8.4	130	11.5	<0.1	4	<0.5		<10	<0.5		**0.024**					<0.05			*0.068*			
B-919M	07-18-2012	N	1293.78	*9.02*	180	20.3	<0.1	5	<0.5		<10	<0.5		**0.032**					0.05			*0.09*			
B-919M	11-07-2012	N	1293.41	*9.1*	130	7.9	<0.1	5	<0.5		<10	<0.5		**0.03**					0.06			*0.12*			
B-919M	11-07-2012	FD					<0.1	5	<0.5		<10	<0.5		**0.03**					<0.05			*0.12*			
B-919M	04-10-2013	N	1293.43	8.2	230	12.4	<0.1	5	<0.5		<10	<0.5		**0.017**					0.15			***0.33***			
B-919M	07-09-2013	N	1293.55	6.99	260	20.5	<0.1	4	<0.5		<10	<0.5	<0.001	**0.035**	0.059	<0.001	<0.001	<0.001	*2.8*		<0.001	***3.4***		0.003	<0.001
B-919M	11-06-2013	N	1294.34	*8.53*	430	14.5	<0.1	4	<0.5		<10	<0.5		**0.014**					0.08			***0.47***			
B-919M	04-23-2014	N	1293.98				<0.1	4	<0.5		420	3.9													
B-919M	04-25-2014	N	1256.57	6.79	210	17.9								**0.045**					*2.5*			***3***			
B-919M	07-16-2014	N	1294.16	*6.2*	210	18.8	0.6	3	<0.5		21	1.3							*6.5*			***5.2***			
B-919M	11-05-2014	N	1293.94	7.15	410	14.8	0.1	3	<0.5		<10	<0.5		**0.014**					*0.63*			***3.7***			
B-919M	04-14-2015	N	1293.25	7.12	199	14.6	0.1	3	<0.5		<10	0.6		**0.029**					*1.6*			***2.7***			
B-919M	07-22-2015	N	1293.29	7.45	279	17.5	0.3	4	<0.5		<10	<0.5	<0.001	**0.0095**	0.031	<0.001	<0.001	<0.001	<0.05		<0.001	***1.8***		0.002	<0.001
B-919M	11-10-2015	N	1292.42	7.04	230	15.9	0.2	3	<0.5		<10	<0.5		**0.023**					*1*			***3***			
B-919M	04-12-2016	N	1292.96	7.66	233	14.7	<0.1	3	<0.5		<10	0.5		**0.02**					0.11			***1.6***			
B-919M	07-12-2016	N	1291.15	7.81	173	21.2	0.1	4	<0.5		<10	<0.5							*0.51*			***1.9***			
B-919M	11-08-2016	N	1291.68	7.11	268	14.2	<0.1	3	<0.5		<10	<0.5		**0.012**					<0.05			***2.5***			
B-919M	04-04-2017	N	1290.69	7.39	212	11.5	<0.1	3	<0.5		<10	<0.5		**0.014**					0.21			***2.9***			
B-919M	07-25-2017	N	1291.03	7.55	189	18.7	<0.1	3	<0.5		<10	<0.5	<0.001	**0.0069**	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	***2.4***		<0.001	<0.001
B-919M	11-07-2017	N	1289.99	6.92	199	14.6	<0.1	3	<0.5		180	<0.5		**0.015**					*0.74*			***3.5***			
B-919M	04-23-2018	N	1292.52	7.31	193	18.4																			
B-919M	04-24-2018	N	1292.52				<0.1	2.7	<0.5		<10	<0.5		**0.014**					*0.71*			***3***			
B-919M	07-10-2018	N	1290.53	7.89	207	21.7	<0.1	3.2	<0.5		<10	<0.5							*0.38*			***1.2***			
B-919M	11-06-2018	N	1292.2	6.86	173	15.1	<0.1	2.3	<0.5		<10	<0.5		**0.025**					*2.9*			***2.9***			
B-919M	04-23-2019	N	1292.28	7.72	246	14.6	<0.1	2.4	<0.5		<10	<0.5		**0.02**					*1.2*			***2***			
B-919M	07-09-2019	N	1291.22	7.03	199	18.7	<0.1	2.5	<0.5		<10	<0.5	<0.001	**0.034**	0.026	<0.001	<0.001	<0.001	*4.7*		<0.001	***4.4***		<0.001	<0.001
B-919M	11-05-2019	N	1292.56	7	211	14.5	<0.1	2.5	<0.5		<10	<0.5		**0.013**					*0.47*			***2.9***			
B-919M	04-20-2020	N	1293.04	6.97	211	15.7	<0.1	3.1	<0.5		<10	<0.5		**0.0076**					0.14			***0.78***			
B-919M	07-13-2020	N	1293.18				<0.1	2.9	<0.5		<10	<0.5							*2.5*			***3.5***			
B-919M	07-15-2020	N		6.87	160	18.5																			
B-919M	11-04-2020	N	1292.62	7.57	178	11.8	<0.1	2.7	<0.5		<10	<0.5		**0.027**					*2.9*			***3***			
B-919M	04-22-2021	N	1292.56	7.29	143	13	<0.1	2.4	<0.5		<10	<0.5		0.0026					0.066			***2.5***			
B-919M	05-27-2021	N	1290.67	7.42	171	16.5	<0.1	2.5	<0.5		<10	<0.5	<0.001	**0.032**	0.024	<0.001	<0.001	<0.001	*5.9*		<0.001	***4.4***		<0.001	<0.001
B-919M	07-07-2021	N	1292.29	6.5	150	17.1	<0.1	2.5	<0.5		<10	<0.5	<0.001	0.0047	0.0056	<0.001	<0.001	<0.001	0.062		<0.001	***8.1***		0.0014	<0.001
B-919M	09-29-2021	N	1291.95	6.81	187	15	<0.1	1.9	<0.5		<10	<0.5	<0.001	**0.0062**	0.0051	<0.001	<0.001	<0.001	*1.2*		<0.001	***4.6***		<0.001	<0.001
B-919M	11-02-2021	N	1291.78	6.66	117	14.4	<0.1	2.2	<0.5		<10	1.1	<0.001	**0.02**	0.012	<0.001	<0.001	<0.001	*4.5*		<0.001	***6.1***		0.0013	<0.001
B-919M	02-22-2022	N	1291.57	7	112	16.4	<0.1	2.6	<0.5		<10	<0.5	<0.001	**0.0086**	0.0042	<0.001	<0.001	<0.001	*0.5*		<0.001	***0.45***		<0.001	<0.001
B-919M	04-18-2022	N	1291.85	6.85	147	14.1	<0.1	2.4	<0.5		<10	<0.5	<0.001	**0.043**	0.016	<0.001	<0.001	<0.001	*7.6*		<0.001	***4.5***		<0.001	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																							
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																					
B-919M	11-05-2007	N	<10										<1																																									
B-919M	04-21-2008	N	<10										<1																																								
B-919M	07-21-2008	N																																																		
B-919M	11-18-2008	N	<10										<1																																								
B-919M	04-07-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-13-2009	N																																																		
B-919M	11-10-2009	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-07-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-13-2010	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-919M	11-02-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	01-13-2011	N																																																		
B-919M	04-18-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-12-2011	N																																																		
B-919M	11-01-2011	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-10-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-18-2012	N																																																		
B-919M	11-07-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	11-07-2012	FD	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-10-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-09-2013	N																																																		
B-919M	11-06-2013	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-23-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-25-2014	N																																																		
B-919M	07-16-2014	N																																																		
B-919M	11-05-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-14-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-22-2015	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-919M	11-10-2015	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-12-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-12-2016	N																																																		
B-919M	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	04-04-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																							
B-919M	07-25-2017	N																																																	
B-919M	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-919M	04-23-2018	N																																																	
B-919M	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-919M	07-10-2018	N																																																	
B-919M	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-919M	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-919M	07-09-2019	N																																																	
B-919M	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-919M	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	07-13-2020	N																														<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<80	<8	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
B-919M	07-15-2020	N																																																	
B-919M	11-04-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	04-22-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-919M	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-919M	06-08-2022	N	1292.16	6.62	398	18.5	<0.1	2.7	<0.5		<10	<0.5	<0.001	**0.06**	0.016	<0.001	<0.001	<0.001	*10*		<0.001	***4.5***		0.0021	<0.001
B-919M	07-11-2022	N	1291.86	6.64	164	18.6	<0.1	2.6	<0.5		<10	<0.5							*8.3*			***4.2***			
B-919M	11-02-2022	N	1291.5	6.81	154	14.4	<0.1	2.9	<0.5		<10	<0.5	<0.001	**0.045**	0.016	<0.001	<0.001	<0.001	*9.4*		<0.001	***4.5***		0.001	<0.001
B-919M	04-18-2023	N	1292.47	6.87	149	15.3	<0.1	2.8	<0.5		<10	<0.5		**0.053**					*8.6*			***3.5***			
B-919M	07-11-2023	N	1292.75	6.77	147	19.2	<0.1	2.6	<0.5		<10	<0.5	<0.001	**0.032**	0.01	<0.001	<0.001	<0.001	*8.2*		<0.001	***3.7***		0.0025	<0.001
B-919M	11-06-2023	N	1293.03	6.8	139	15.1	<0.1	2.7	<0.5		<10	<0.5		**0.043**					*7*			***3.1***			
B-919D	09-11-2001	N	1291.61	*6.07*	99	13	<0.1	<2.5			<15	0.099							0.017			0.022			
B-919D	11-06-2006	N	1294.59																						
B-919D	04-09-2007	N	1294.14																						
B-919D	07-23-2007	N	1294.31	7.7	84	18.1	<0.1	<2.5	<0.02		<15	<0.05							0.049			0.029			
B-919D	11-05-2007	N	1293.54																						
B-919D	04-21-2008	N	1293.35																						
B-919D	07-21-2008	N	1293.88	*6.1*	140	14.1	<0.1	<2.5	<0.02		<10	<0.1							0.08			0.03			
B-919D	11-18-2008	N	1294.63																						
B-919D	04-07-2009	N	1294.95																						
B-919D	07-13-2009	N	1295.1																						
B-919D	11-10-2009	N	1294.49																						
B-919D	04-07-2010	N	1294.7																						
B-919D	07-15-2010	N	1294.89	*6.1*	100	16.8	<0.1	2	<0.5		<10	<0.5							0.08			0.035			
B-919D	11-02-2010	N	1294.71																						
B-919D	01-13-2011	N	1295.42																						
B-919D	04-18-2011	N	1295.21																						
B-919D	07-12-2011	N	1295.43																						
B-919D	11-01-2011	N	1294.43																						
B-919D	04-10-2012	N	1293.43																						
B-919D	07-18-2012	N	1293.27	6.8	80	15.3	<0.1	2	<0.5		<10	<0.5							0.07			0.022			
B-919D	11-07-2012	N	1293.05																						
B-919D	04-10-2013	N	1293.04																						
B-919D	07-08-2013	N	1293.39																						
B-919D	11-06-2013	N	1293.94																						
B-919D	04-23-2014	N	1293.71																						
B-919D	07-16-2014	N	1293.82	7.3	92	14.5	<0.1	2	<0.5		<10	<0.5							0.07			0.027			
B-919D	11-04-2014	N	1293.4																						
B-919D	04-13-2015	N	1292.78																						
B-919D	07-20-2015	N	1293.12																						
B-919D	11-09-2015	N	1292.73																						
B-919D	04-11-2016	N	1292.91																						
B-919D	07-11-2016	N	1292.93	7.85	130	14.4	<0.1	2	<0.5		<10	<0.5							0.09			0.022			
B-919D	11-07-2016	N	1292.29																						
B-919D	04-03-2017	N	1291.98																						
B-919D	07-24-2017	N	1292.67																						
B-919D	11-07-2017	N	1292.69																						
B-919D	04-23-2018	N	1292.66	6.71	103	15.9																			
B-919D	07-09-2018	N	1293.03	7.11	150	16.8	<0.1	2.1	<0.5		<10	<0.5							0.068			0.024			
B-919D	11-05-2018	N	1292.37																						
B-919D	04-22-2019	N	1292.33																						
B-919D	07-08-2019	N	1293.03	7.81	149	15																			
B-919D	11-04-2019	N	1292.74																						
B-919D	04-20-2020	N	1293.11																						
B-919D	07-13-2020	N	1293.12	6.84	85	16.8	<0.1	2.2	<0.5		<10	<0.5								*0.83*			0.047		
B-919D	11-02-2020	N	1292.86																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-919M	06-08-2022	N	11	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919M	07-11-2022	N																														
B-919M	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919M	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919M	07-11-2023	N																														
B-919M	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	09-11-2001	N	<20	<1	<5	<20	<1	<5	<1	<10	<1	<10	<1	<1	<1	<20		<1	<20	<20	<10	<2	<1	<10	<1	<1	<1	<2	<2			<2
B-919D	11-06-2006	N																														
B-919D	04-09-2007	N																														
B-919D	07-23-2007	N																														
B-919D	11-05-2007	N																														
B-919D	04-21-2008	N																														
B-919D	07-21-2008	N																														
B-919D	11-18-2008	N																														
B-919D	04-07-2009	N																														
B-919D	07-13-2009	N																														
B-919D	11-10-2009	N																														
B-919D	04-07-2010	N																														
B-919D	07-15-2010	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<1	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919D	11-02-2010	N																														
B-919D	01-13-2011	N																														
B-919D	04-18-2011	N																														
B-919D	07-12-2011	N																														
B-919D	11-01-2011	N																														
B-919D	04-10-2012	N																														
B-919D	07-18-2012	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919D	11-07-2012	N																														
B-919D	04-10-2013	N																														
B-919D	07-08-2013	N																														
B-919D	11-06-2013	N																														
B-919D	04-23-2014	N																														
B-919D	07-16-2014	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919D	11-04-2014	N																														
B-919D	04-13-2015	N																														
B-919D	07-20-2015	N																														
B-919D	11-09-2015	N																														
B-919D	04-11-2016	N																														
B-919D	07-11-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-919D	11-07-2016	N																														
B-919D	04-03-2017	N																														
B-919D	07-24-2017	N																														
B-919D	11-07-2017	N																														
B-919D	04-23-2018	N																														
B-919D	07-09-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-919D	11-05-2018	N																														
B-919D	04-22-2019	N																														
B-919D	07-08-2019	N																														
B-919D	11-04-2019	N																														
B-919D	04-20-2020	N																														
B-919D	07-13-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	11-02-2020	N																														

Sample Location	Sample Date	Sample Type	Semi-Volatile Organic Compounds																		
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-919M	06-08-2022	N																			
B-919M	07-11-2022	N																			
B-919M	11-02-2022	N																			
B-919M	04-18-2023	N																			
B-919M	07-11-2023	N																			
B-919M	11-06-2023	N																			
B-919D	09-11-2001	N																			
B-919D	11-06-2006	N																			
B-919D	04-09-2007	N																			
B-919D	07-23-2007	N																			
B-919D	11-05-2007	N																			
B-919D	04-21-2008	N																			
B-919D	07-21-2008	N																			
B-919D	11-18-2008	N																			
B-919D	04-07-2009	N																			
B-919D	07-13-2009	N																			
B-919D	11-10-2009	N																			
B-919D	04-07-2010	N																			
B-919D	07-15-2010	N																			
B-919D	11-02-2010	N																			
B-919D	01-13-2011	N																			
B-919D	04-18-2011	N																			
B-919D	07-12-2011	N																			
B-919D	11-01-2011	N																			
B-919D	04-10-2012	N																			
B-919D	07-18-2012	N																			
B-919D	11-07-2012	N																			
B-919D	04-10-2013	N																			
B-919D	07-08-2013	N																			
B-919D	11-06-2013	N																			
B-919D	04-23-2014	N																			
B-919D	07-16-2014	N																			
B-919D	11-04-2014	N																			
B-919D	04-13-2015	N																			
B-919D	07-20-2015	N																			
B-919D	11-09-2015	N																			
B-919D	04-11-2016	N																			
B-919D	07-11-2016	N																			
B-919D	11-07-2016	N																			
B-919D	04-03-2017	N																			
B-919D	07-24-2017	N																			
B-919D	11-07-2017	N																			
B-919D	04-23-2018	N																			
B-919D	07-09-2018	N																			
B-919D	11-05-2018	N																			
B-919D	04-22-2019	N																			
B-919D	07-08-2019	N																			
B-919D	11-04-2019	N																			
B-919D	04-20-2020	N																			
B-919D	07-13-2020	N																			
B-919D	11-02-2020	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-919D	04-19-2021	N	1292.47																						
B-919D	05-27-2021	N	1292.61	6.91	94	13.1	<0.1	2.2	<0.5		<10	<0.5	<0.001	0.0013	0.024	<0.001	<0.001	<0.001	0.091		<0.001	0.03		<0.001	<0.001
B-919D	07-07-2021	N	1292.27	7.14	97	15	<0.1	2.3	<0.5		<10	<0.5	<0.001	0.0013	0.013	<0.001	<0.001	<0.001	0.076		<0.001	0.031		<0.001	<0.001
B-919D	09-29-2021	N	1291.85	7.09	93	12.6	<0.1	1.8	<0.5		<10	<0.5	<0.001	0.0012	0.013	<0.001	<0.001	<0.001	0.088		<0.001	0.027		<0.001	<0.001
B-919D	11-01-2021	N	1291.77	6.59	79	12.2	<0.1	2.1	<0.5		<10	<0.5	<0.001	0.0012	0.014	<0.001	<0.001	<0.001	0.091		<0.001	0.026		<0.001	<0.001
B-919D	02-22-2022	N	1291.53	7.5	90	13.3	<0.1	2.1	<0.5		<10	<0.5	<0.001	0.0013	0.012	<0.001	<0.001	<0.001	0.073		<0.001	0.023		<0.001	<0.001
B-919D	04-18-2022	N	1291.74	6.96	217	12.1	<0.1	2.2	<0.5		<10	<0.5	<0.001	0.0014	0.012	<0.001	<0.001	0.0014	0.088		0.0028	0.027		0.0014	<0.001
B-919D	06-08-2022	N	1292.07	6.94	100	14.7	<0.1	2.5	<0.5		<10	<0.5	<0.001	0.0012	0.012	<0.001	<0.001	<0.001	0.07		<0.001	0.027		0.0013	<0.001
B-919D	07-11-2022	N	1291.84	7	113	15.5	<0.1	2.3	<0.5		<10	<0.5							0.079			0.025			
B-919D	11-02-2022	N	1291.44	7.06	96	13.8	<0.1	2.3	<0.5		<10	<0.5	<0.001	0.0012	0.013	<0.001	<0.001	<0.001	0.076		<0.001	0.026		<0.001	<0.001
B-919D	04-18-2023	N	1292.42																						
B-919D	07-11-2023	N	1292.73	7.47	102	14.7																			
B-919D	11-06-2023	N	1293.05																						
B-923U	11-08-2016	N	1318.11	*9.01*	71	7.6	<0.1	<1	0.9		<10	<0.5	<0.001	<0.001	0.011	<0.001	<0.001	<0.001	*0.36*		<0.001	0.05		0.001	<0.001
B-923U	12-01-2016	N	1317.94																						
B-923U	01-04-2017	N	1317.8																						
B-923U	02-02-2017	N	1317.54																						
B-923U	03-02-2017	N	1317.43																						
B-923U	04-05-2017	N	1317.4	7.89	66	6.9	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.006	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-923U	07-25-2017	N	1318.94																						
B-923U	11-08-2017	N	1318.5																						
B-923U	04-25-2018	N	1318.65	7.68	120	8.3	<0.1	<1	<0.5		<10	<0.5							0.14			<0.005			
B-923U	07-10-2018	N	1319.58	6.58	77	13.9	<0.1	1	<0.5		<10	<0.5	<0.001	<0.0005	0.0047	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-923U	11-06-2018	N	1318.45	7.48	64	8.3	<0.1	<1	0.64		<10	<0.5							<0.05			<0.005			
B-923U	04-23-2019	N	1318.16																						
B-923U	07-09-2019	N	1319.67																						
B-923U	11-05-2019	N	1318.77																						
B-923U	04-21-2020	N	1319.09	7.96	68	6.5	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-923U	07-16-2020	N	1319.41	7.61	56	9.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-923U	11-04-2020	N	1318.51	6.96	60	6.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-923U	04-20-2021	N	1318.4																						
B-923U	07-07-2021	N	1318.57																						
B-923U	11-02-2021	N	1317.71																						
B-923U	04-20-2022	N	1317.4	7.13	63	4.7	<0.1	1.6	<0.5		<10	0.55							<0.05			<0.005			
B-923U	07-12-2022	N	1318.2	7.32	55	9.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0035	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0027	<0.001
B-923U	11-02-2022	N	1317.39	7.49	60	8.1	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-923U	04-19-2023	N	1318.38																						
B-923U	07-12-2023	N	1318.82																						
B-923U	11-06-2023	N	1319.2																						
B-924U	11-08-2016	N	1330.27	7.16	121	8.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.001	0.015	<0.001	<0.001	<0.001	<0.05		<0.001	*0.073*		<0.001	<0.001
B-924U	12-01-2016	N	1329.96																						
B-924U	01-04-2017	N	1329.65																						
B-924U	02-02-2017	N	1328.77																						
B-924U	03-02-2017	N	1328.87																						
B-924U	04-05-2017	N	1328.4	7.43	101	7.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	0.013		<0.001	<0.001
B-924U	07-25-2017	N	1331.76	7.33	91	7.7																			
B-924U	11-08-2017	N	1331.05	7.35	106	5.5	<0.1	<1	1.1		<10	<0.5							<0.05			<0.005			
B-924U	04-25-2018	N	1331.45																						
B-924U	07-10-2018	N	1333.9																						
B-924U	11-06-2018	N	1331.4																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000
		SMCL																														
B-919D	04-19-2021	N																														
B-919D	05-27-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	07-07-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	07-11-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-919D	04-18-2023	N																														
B-919D	07-11-2023	N																														
B-919D	11-06-2023	N																														
B-923U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-923U	12-01-2016	N																														
B-923U	01-04-2017	N																														
B-923U	02-02-2017	N																														
B-923U	03-02-2017	N																														
B-923U	04-05-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-923U	07-25-2017	N																														
B-923U	11-08-2017	N																														
B-923U	04-25-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-923U	07-10-2018	N																														
B-923U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-923U	04-23-2019	N																														
B-923U	07-09-2019	N																														
B-923U	11-05-2019	N																														
B-923U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-923U	07-16-2020	N																														
B-923U	11-04-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-923U	04-20-2021	N																														
B-923U	07-07-2021	N																														
B-923U	11-02-2021	N																														
B-923U	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-923U	07-12-2022	N																														
B-923U	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-923U	04-19-2023	N																														
B-923U	07-12-2023	N																														
B-923U	11-06-2023	N																														
B-924U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-924U	12-01-2016	N																														
B-924U	01-04-2017	N																														
B-924U	02-02-2017	N																														
B-924U	03-02-2017	N																														
B-924U	04-05-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	
B-924U	07-25-2017	N																														
B-924U	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1	
B-924U	04-25-2018	N																														
B-924U	07-10-2018	N																														
B-924U	11-06-2018	N																														

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																			
B-919D	04-19-2021	N																			
B-919D	05-27-2021	N																			
B-919D	07-07-2021	N																			
B-919D	09-29-2021	N																			
B-919D	11-01-2021	N																			
B-919D	02-22-2022	N																			
B-919D	04-18-2022	N																			
B-919D	06-08-2022	N																			
B-919D	07-11-2022	N																			
B-919D	11-02-2022	N																			
B-919D	04-18-2023	N																			
B-919D	07-11-2023	N																			
B-919D	11-06-2023	N																			
B-923U	11-08-2016	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-923U	12-01-2016	N																			
B-923U	01-04-2017	N																			
B-923U	02-02-2017	N																			
B-923U	03-02-2017	N																			
B-923U	04-05-2017	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-923U	07-25-2017	N																			
B-923U	11-08-2017	N																			
B-923U	04-25-2018	N																			
B-923U	07-10-2018	N																			
B-923U	11-06-2018	N																			
B-923U	04-23-2019	N																			
B-923U	07-09-2019	N																			
B-923U	11-05-2019	N																			
B-923U	04-21-2020	N																			
B-923U	07-16-2020	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-923U	11-04-2020	N																			
B-923U	04-20-2021	N																			
B-923U	07-07-2021	N																			
B-923U	11-02-2021	N																			
B-923U	04-20-2022	N																			
B-923U	07-12-2022	N																			
B-923U	11-02-2022	N																			
B-923U	04-19-2023	N																			
B-923U	07-12-2023	N																			
B-923U	11-06-2023	N																			
B-924U	11-08-2016	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-924U	12-01-2016	N																			
B-924U	01-04-2017	N																			
B-924U	02-02-2017	N																			
B-924U	03-02-2017	N																			
B-924U	04-05-2017	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-924U	07-25-2017	N																			
B-924U	11-08-2017	N																			
B-924U	04-25-2018	N																			
B-924U	07-10-2018	N																			
B-924U	11-06-2018	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-924U	04-23-2019	N	1329.94	*6.45*	82	8.9	<0.1	<1	1.8		<10	0.92							<0.05			<0.005			
B-924U	07-09-2019	N	1334.11	6.63	92	10.4	<0.1	<1	1		<10	<0.5	<0.001	<0.0005	0.0061	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-924U	11-05-2019	N	1331.95	6.81	104	7.8	<0.1	1	2.5		<10	<0.5							<0.05			<0.005			
B-924U	04-21-2020	N	1332.73																						
B-924U	07-16-2020	N	1333.89	6.74	82	9.3																			
B-924U	11-04-2020	N	1330.89																						
B-924U	04-20-2021	N	1329.9	6.73	78	7.6	<0.1	1	0.68		<10	0.53							<0.05			<0.005			
B-924U	07-07-2021	N	1329.3	7.13	96	11.6	<0.1	<1	1.2		<10	<0.5	<0.001	<0.0005	0.0081	<0.001	<0.001	0.0012	<0.05		<0.001	<0.005		<0.001	<0.001
B-924U	09-29-2021	N	1329.41	7.32	98	6.9																			
B-924U	11-02-2021	N	1328.46	6.68	83	7.2	<0.1	<1	1.2		<10	<0.5							<0.05			<0.005			
B-924U	04-20-2022	N	1327.68																						
B-924U	07-12-2022	N	1329.07																						
B-924U	11-02-2022	N	1327.45																						
B-924U	04-19-2023	N	1329.02	6.98	90	7	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-924U	07-12-2023	N	1330.34	6.87	92	10.3	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0063	<0.001	<0.001	0.0017	<0.05		<0.001	<0.005		0.0017	<0.001
B-924U	11-07-2023	N	1332.04	*6.46*	91	7.8	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-924L	11-08-2016	N	1316.96	*10.48*	204	9.3	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-924L	12-01-2016	N	1316.89																						
B-924L	01-04-2017	N	1316.77																						
B-924L	02-02-2017	N	1316.4																						
B-924L	03-02-2017	N	1316.35																						
B-924L	04-05-2017	N	1316.22	*9.52*	136	8.5	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-924L	07-25-2017	N	1317.46																						
B-924L	11-08-2017	N	1317.24																						
B-924L	04-25-2018	N	1317.41																						
B-924L	07-10-2018	N	1318.31	*10.09*	122	12.1	<0.1	1.2	<0.5		<10	<0.5							<0.05			<0.005			
B-924L	11-06-2018	N	1317.38																						
B-924L	04-23-2019	N	1316.9																						
B-924L	07-09-2019	N	1318.22																						
B-924L	11-05-2019	N	1317.57																						
B-924L	04-21-2020	N	1317.84																						
B-924L	07-16-2020	N	1318.19	*9.28*	105	9.1	<0.1	<1	<0.5		<10	<0.5							<0.05			0.0087			
B-924L	11-04-2020	N	1317.32																						
B-924L	04-20-2021	N	1317.2																						
B-924L	07-07-2021	N	1317.26																						
B-924L	11-02-2021	N	1316.5																						
B-924L	04-20-2022	N	1316.1																						
B-924L	07-12-2022	N	1316.89	*6.32*	61	15.4	<0.1	<1	<0.5		<10	<0.5							0.066			0.0099			
B-924L	11-02-2022	N	1316.07																						
B-924L	04-19-2023	N	1316.96																						
B-924L	07-12-2023	N	1317.4																						
B-924L	11-06-2023	N	1317.94																						
B-925U	11-08-2016	N	1333.43	7.33	154	8.4	<0.1	<1	<0.5		<10	0.5	<0.001	0.001	0.009	<0.001	<0.001	<0.001	0.06		<0.001	0.031		<0.001	<0.001
B-925U	12-01-2016	N	1333.13																						
B-925U	01-04-2017	N	1332.51																						
B-925U	02-02-2017	N	1331.77																						
B-925U	03-02-2017	N	1331.41																						
B-925U	04-05-2017	N	1330.88	8.16	112	6.8	<0.1	<1	<0.5		<10	<0.5	<0.001	0.0011	0.014	<0.001	<0.001	0.001	0.28		<0.001	*0.15*		0.001	<0.001
B-925U	07-25-2017	N	1334.27																						
B-925U	11-08-2017	N	1333.81																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																					
B-924U	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-924U	07-09-2019	N																																																		
B-924U	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-924U	04-21-2020	N																																																	
B-924U	07-16-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-924U	11-04-2020	N																																																	
B-924U	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924U	07-07-2021	N																																																	
B-924U	09-29-2021	N																																																	
B-924U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924U	04-20-2022	N																																																	
B-924U	07-12-2022	N																																																	
B-924U	11-02-2022	N																																																	
B-924U	04-19-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924U	07-12-2023	N																																																	
B-924U	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924L	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-924L	12-01-2016	N																																																	
B-924L	01-04-2017	N																																																	
B-924L	02-02-2017	N																																																	
B-924L	03-02-2017	N																																																	
B-924L	04-05-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-924L	07-25-2017	N																																																	
B-924L	11-08-2017	N																																																	
B-924L	04-25-2018	N																																																	
B-924L	07-10-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-924L	11-06-2018	N																																																	
B-924L	04-23-2019	N																																																	
B-924L	07-09-2019	N																																																	
B-924L	11-05-2019	N																																																	
B-924L	04-21-2020	N																																																	
B-924L	07-16-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924L	11-04-2020	N																																																	
B-924L	04-20-2021	N																																																	
B-924L	07-07-2021	N																																																	
B-924L	11-02-2021	N																																																	
B-924L	04-20-2022	N																																																	
B-924L	07-12-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-924L	11-02-2022	N																																																	
B-924L	04-19-2023	N																																																	
B-924L	07-12-2023	N																																																	
B-924L	11-06-2023	N																																																	
B-925U	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-925U	12-01-2016	N																																																	
B-925U	01-04-2017	N																																																	
B-925U	02-02-2017	N																																																	
B-925U	03-02-2017	N																																																	
B-925U	04-05-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-925U	07-25-2017	N																																																	
B-925U	11-08-2017	N																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-925U	04-25-2018	N	1334.07	7.57	87	7.9	<0.1	<1	<0.5		<10	<0.5							*0.64*			*0.19*			
B-925U	07-10-2018	N	1337.02	6.96	118	12	<0.1	1.1	1		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	0.11		<0.001	*0.067*		<0.001	<0.001
B-925U	11-06-2018	N	1334.39	6.97	61	7.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-925U	04-23-2019	N	1333.04																						
B-925U	07-09-2019	N	1338.08																						
B-925U	11-05-2019	N	1335.3																						
B-925U	04-21-2020	N	1335.86	7.51	78	7.1	<0.1	<1	<0.5		<10	<0.5							0.064			<0.005			
B-925U	07-16-2020	N	1337.06	7.68	70	9.8	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-925U	11-04-2020	N	1334.63	7.62	58	6.2	<0.1	<1	<0.5		<10	<0.5							0.065			<0.005			
B-925U	04-20-2021	N	1334.44																						
B-925U	07-07-2021	N	1335.38																						
B-925U	11-02-2021	N	1333.26																						
B-925U	04-20-2022	N	1332.5	6.95	65	5.6	<0.1	<1	<0.5		<10	0.58							<0.05			<0.005			
B-925U	07-12-2022	N	1334.17	6.5	60	11.6	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0082	<0.001	<0.001	0.0014	0.16		<0.001	0.0059		0.0021	<0.001
B-925U	11-02-2022	N	1331.98	6.73	61	7.6	<0.1	<1	<0.5		<10	<0.5							*0.41*			0.015			
B-925U	04-19-2023	N	1334.7																						
B-925U	07-12-2023	N	1336.08																						
B-925U	11-06-2023	N	1337.2																						
B-925L	11-08-2016	N	1317.81	7.53	253	8	<0.1	7	<0.5		24	<0.5							<0.05			0.029			
B-925L	12-01-2016	N	1317.77																						
B-925L	01-04-2017	N	1317.64																						
B-925L	02-02-2017	N	1317.21																						
B-925L	03-02-2017	N	1317.19																						
B-925L	04-05-2017	N	1317.02	8.19	186	6.4	<0.1	4	<0.5		20	<0.5							<0.05			0.021			
B-925L	07-25-2017	N	1318.25																						
B-925L	11-08-2017	N	1318.05																						
B-925L	04-25-2018	N	1318.26																						
B-925L	07-10-2018	N	1319.09	*8.98*	160	12.7	<0.1	1.8	<0.5		14	<0.5							<0.05			0.0058			
B-925L	11-06-2018	N	1318.23																						
B-925L	04-23-2019	N	1317.79																						
B-925L	07-09-2019	N	1319.03																						
B-925L	11-05-2019	N	1318.44																						
B-925L	04-21-2020	N	1318.7																						
B-925L	07-16-2020	N	1318.99	*8.69*	109	10	<0.1	1.1	<0.5		<10	<0.5							<0.05			0.022			
B-925L	11-04-2020	N	1318.14																						
B-925L	04-20-2021	N	1318.05																						
B-925L	07-07-2021	N	1318.12																						
B-925L	11-02-2021	N	1317.39																						
B-925L	04-20-2022	N	1317.12																						
B-925L	07-13-2022	N	1317.78	7.75	125	9.1	<0.1	1.3	<0.5		<10	<0.5							0.08			0.036			
B-925L	11-02-2022	N	1316.99																						
B-925L	04-19-2023	N	1317.92																						
B-925L	07-12-2023	N	1318.35																						
B-925L	11-06-2023	N	1318.89																						
B-926U	11-08-2017	N	1309.75	6.56	357	7.6	0.1	60	<0.5		<10	<0.5							<0.05			***2.1***			
B-926U	04-24-2018	N	1310.95	*5.26*	299	12.3	0.22	66	<0.5		<10	<0.5							<0.05			***3.8***			
B-926U	07-10-2018	N	1310.55	*5.21*	367	13	0.14	84	<0.5		14	<0.5							0.055			***5.7***			
B-926U	11-06-2018	N	1307.79	*6.24*	147	9.2	<0.1	34	<0.5		15	<0.5							0.07			***0.94***			
B-926U	04-23-2019	N	1308.41	*5.69*	125	8.9	<0.1	12	<0.5		<10	<0.5							<0.05			***0.88***			
B-926U	07-09-2019	N	1310.36	*5.52*	174	10.4	<0.1	20	<0.5		11	<0.5	<0.001	0.00071	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	***3***		<0.001	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																															Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																					
B-925U	04-25-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-925U	07-10-2018	N																																																	
B-925U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-925U	04-23-2019	N																																																	
B-925U	07-09-2019	N																																																
B-925U	11-05-2019	N																																																
B-925U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925U	07-16-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-925U	11-04-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925U	04-20-2021	N																																																	
B-925U	07-07-2021	N																																																
B-925U	11-02-2021	N																																																
B-925U	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925U	07-12-2022	N																																																
B-925U	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925U	04-19-2023	N																																																
B-925U	07-12-2023	N																																																
B-925U	11-06-2023	N																																																
B-925L	11-08-2016	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-925L	12-01-2016	N																																																
B-925L	01-04-2017	N																																																
B-925L	02-02-2017	N																																																
B-925L	03-02-2017	N																																																
B-925L	04-05-2017	N	<10	<1	<2	<10	<2	<5	<2	<2	<1	<5	<2	<1	<2	<5	<0.25	<1	<10	<10	<5	<5	<2	<10	<1	<2	<2	<5	<2	<1	<1																					
B-925L	07-25-2017	N																																																
B-925L	11-08-2017	N																																																
B-925L	04-25-2018	N																																																
B-925L	07-10-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-925L	11-06-2018	N																																																
B-925L	04-23-2019	N																																																
B-925L	07-09-2019	N																																																
B-925L	11-05-2019	N																																																
B-925L	04-21-2020	N																																																
B-925L	07-16-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925L	11-04-2020	N																																																
B-925L	04-20-2021	N																																																
B-925L	07-07-2021	N																																																
B-925L	11-02-2021	N																																																
B-925L	04-20-2022	N																																																
B-925L	07-13-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																					
B-925L	11-02-2022	N																																																
B-925L	04-19-2023	N																																																
B-925L	07-12-2023	N																																																
B-925L	11-06-2023	N																																																
B-926U	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-926U	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-926U	07-10-2018	N																																																
B-926U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-926U	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																					
B-926U	07-09-2019	N																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-926U	11-05-2019	N	1309.45	*6.06*	192	8.8	<0.1	31	<0.5		17	<0.5							0.1			***2.2***			
B-926U	04-21-2020	N	1309.31	*5.96*	179	8	<0.1	24	<0.5		28	1							0.065			***2.2***			
B-926U	07-15-2020	N	1308.4	6.51	186	10.5	<0.1	18	<0.5		48	1.4							0.14			***2.7***			
B-926U	11-02-2020	N	1306.88	*6.41*	195	5.9	<0.1	29	<0.5		33	1							<0.05			***2.6***			
B-926U	04-20-2021	N	1307.54	*6.03*	216	8.4	0.11	14	<0.5		24	1							<0.05			***4.2***			
B-926U	07-06-2021	N	1301.19	*6.02*	273	14.7	0.14	14	<0.5		32	0.84	<0.001	0.001	0.0095	<0.001	<0.001	<0.001	0.057		<0.001	***4.9***		<0.001	<0.001
B-926U	09-29-2021	N	1306.41																						
B-926U	11-02-2021	N	1306.15	*6.1*	226	8.4	<0.1	25	<0.5		16	0.76							<0.05			***4.9***			
B-926U	02-22-2022	N	1305.41																						
B-926U	04-18-2022	N	1306.86																						
B-926U	04-20-2022	N	1306.95	*6.21*	244	7.2	0.12	13	<0.5		11	<0.5							<0.05			***4.2***			
B-926U	06-08-2022	N	1307.44																						
B-926U	07-12-2022	N	1306.58	*5.73*	264	11.1	<0.1	12	<0.5		<10	<0.5							<0.05			***3.9***			
B-926U	11-01-2022	N	1305.15	*6.08*	172	10.6	<0.1	11	<0.5		<10	<0.5							<0.05			***2.6***			
B-926U	04-18-2023	N	1306.97	*6.04*	254	9.1	0.2	8.5	<0.5		<10	<0.5							<0.05			***3.1***			
B-926U	07-12-2023	N	1307.45	*5.94*	250	11.5	0.13	5.3	<0.5		12	<0.5	<0.001	<0.0005	0.0088	<0.001	<0.001	<0.001	<0.05		<0.001	***2.5***		<0.001	<0.001
B-926U	11-06-2023	N	1307.43	*6.15*	250	8.7	0.19	4.3	<0.5		21	<0.5							<0.05			***2.3***			
B-926L	11-08-2017	N	1301.77	*6.2*	340	8	<0.1	60	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-24-2018	N	1301.94	*6.27*	287	13.2	<0.1	62	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-10-2018	N	1302.62	6.5	323	12.8	<0.1	63	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	11-06-2018	N	1301.49	*6.47*	254	8	<0.1	62	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-23-2019	N	1301.5	*6.31*	299	8.7	<0.1	64	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-09-2019	N	1302.61	*5.96*	321	10.5	<0.1	68	<0.5		<10	<0.5	<0.001	<0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0012	<0.001
B-926L	11-05-2019	N	1301.96	*6.24*	321	8.3	<0.1	61	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-21-2020	N	1302.47	6.63	309	8.4	<0.1	58	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-15-2020	N	1302.28	6.52	301	9.5	<0.1	60	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	11-02-2020	N	1301.61	*6.49*	275	7.1	<0.1	56	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-20-2021	N	1301.4	*6.22*	257	8.6	<0.1	52	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-06-2021	N	1307.6	*6.28*	298	9.5	<0.1	54	<0.5		<10	<0.5	<0.001	<0.0005	0.028	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-926L	09-29-2021	N	1300.73																						
B-926L	11-02-2021	N	1300.48	*6.33*	244	7.7	<0.1	46	<0.5		<10	0.75							<0.05			<0.005			
B-926L	04-20-2022	N	1300.53	*6.19*	291	7	<0.1	47	0.56		<10	<0.5							<0.05			<0.005			
B-926L	07-12-2022	N	1300.88	*6.01*	258	11.4	<0.1	45	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	11-01-2022	N	1300.39	*6.16*	251	9	<0.1	43	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-18-2023	N	1301.39	*6.38*	254	8.6	<0.1	42	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-12-2023	N	1301.73	*6.38*	257	11	<0.1	41	<0.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0017	<0.001
B-926L	11-06-2023	N	1302.06	*6.3*	236	7.9	<0.1	38	<0.5		<10	<0.5							<0.05			<0.005			
B-927U	11-07-2017	N	1300.71	7.06	439	9.6	<0.1	26	2		<10	<0.5	<0.001	0.0008	0.036	<0.001	<0.001	0.004	<0.05		<0.001	***0.34***		0.003	<0.001
B-927U	04-24-2018	N	1301.19	*6.19*	264	17.8	<0.1	33	2.8		12	<0.5							0.13			*0.12*			
B-927U	07-09-2018	N	1301.88	*5.53*	315	20.4	<0.1	34	3.1		<10	<0.5							<0.05			0.034			
B-927U	11-06-2018	N	1300.31	*6.48*	255	11.7	<0.1	44	3.1		<10	<0.5							<0.05			0.031			
B-927U	04-22-2019	N	1302.28																						
B-927U	08-05-2019	N	1301.79	*5.97*	584	14	<0.1	40	2.4		<10	<0.5	<0.001	<0.0005	0.028	<0.001	<0.001	<0.001	<0.05		<0.001	0.011		0.0015	<0.001
B-927U	11-04-2019	N	1301.26	*6.25*	351	10.7	<0.1	50	2.4		<10	<0.5							<0.05			0.0065			
B-927U	04-20-2020	N	1302.24	*6.08*	482	11.9	<0.1	63	2.5		<10	<0.5							<0.05			0.0087			
B-927U	07-13-2020	N	1302.09	*6.35*	332	18	<0.1	60	1.9		<10	<0.5							*0.73*			0.027			
B-927U	11-02-2020	N	1300.79	6.9	350	7.8	<0.1	61	1.7		<10	<0.5							<0.05			0.0087			
B-927U	04-19-2021	N	1301.02	*6.23*	423	13.5	<0.1	66	1.1		<10	<0.5							<0.05			0.0073			
B-927U	07-05-2021	N	1300.98	6.63	567	14.6	<0.1	72	1.6		<10	<0.5	<0.001	<0.0005	0.034	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.003	<0.001
B-927U	09-29-2021	N	1300.1																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													Semi-Volatile Organic Compounds																
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																													
B-926U	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926U	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-926U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	07-06-2021	N																																													
B-926U	09-29-2021	N																																													
B-926U	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	02-22-2022	N																																													
B-926U	04-18-2022	N																																													
B-926U	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	06-08-2022	N																																													
B-926U	07-12-2022	N																																													
B-926U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	07-12-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	11-08-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926L	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926L	07-10-2018	N																																													
B-926L	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926L	04-23-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926L	07-09-2019	N																																													
B-926L	11-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-926L	04-21-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	07-15-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-926L	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	04-20-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	07-06-2021	N																																													
B-926L	09-29-2021	N																																													
B-926L	11-02-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	04-20-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	07-12-2022	N																																													
B-926L	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-926L	07-12-2023	N																																													
B-926L	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-927U	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-927U	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-927U	07-09-2018	N																																													
B-927U	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-927U	04-22-2019	N																																													
B-927U	08-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-927U	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																	
B-927U	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-927U	07-13-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-927U	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-927U	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																	
B-927U	07-05-2021	N																																													
B-927U	09-29-2021	N																																													

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-927U	11-01-2021	N	1299.6	*6.17*	331	12.8	<0.1	57	0.72		<10	<0.5							0.25			0.016			
B-927U	02-22-2022	N	1299.09																						
B-927U	04-18-2022	N	1299.45	*6.2*	470	13.6	<0.1	55	0.61		<10	<0.5							<0.05			<0.005			
B-927U	06-08-2022	N	1300.07																						
B-927U	07-11-2022	N	1299.76	*6*	412	15.1	<0.1	54	0.56		<10	<0.5							0.11			0.0068			
B-927U	11-01-2022	N	1298.65	*6.21*	334	15.4	<0.1	48	<0.5		<10	<0.5							<0.05			<0.005			
B-927U	04-18-2023	N	1299.79	*6.45*	356	10.6	<0.1	54	0.54		<10	<0.5							<0.05			<0.005			
B-927U	07-11-2023	N	1300.21	*6.29*	387	16.5	<0.1	58	0.68		<10	<0.5	<0.001	<0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0025	<0.001
B-927U	11-06-2023	N	1300.87	*6.16*	406	10.9	<0.1	63	1.1		<10	<0.5							<0.05			<0.005			
B-927M	11-07-2017	N	1297.14	7.25	93	14	<0.1	2	<0.5		47	<0.5	<0.001	**0.0066**	0.031	<0.001	<0.001	<0.001	*2.1*		0.003	*0.2*		0.002	<0.001
B-927M	04-24-2018	N	1298.14	6.51	96	19.4	<0.1	2.6	<0.5		48	0.65							*2.5*			*0.22*			
B-927M	07-09-2018	N	1298.85	*6.27*	110	18.1	<1	<10	<0.5		64	<0.5							*0.87*			*0.15*			
B-927M	11-06-2018	N	1297.45	6.52	89	12.1	<0.1	2.6	<0.5		73	<0.5							0.22		<0.001	*0.099*			
B-927M	04-22-2019	N	1301.79																						
B-927M	08-05-2019	N	1299.53	6.91	125	15.8	<0.1	3.1	<0.5		84	<0.5	<0.001	0.0043	0.028	<0.001	<0.001	<0.001	*3.5*		<0.001	*0.22*		0.0016	<0.001
B-927M	11-04-2019	N	1298.05	6.83	102	14.4	<0.5	5.3	<3		58	<0.5							*2.4*			*0.2*			
B-927M	04-20-2020	N	1298.86	6.95	114	14.3	<0.1	3.2	<0.5		54	<0.5							*3.2*			*0.21*			
B-927M	07-13-2020	N	1298.91	6.92	91	22.8	<0.1	3.4	<0.5		79	<0.5							*2.4*			*0.23*			
B-927M	11-02-2020	N	1297.96	7.12	107	13.1	<0.1	3.8	<0.5		57	<0.5							*3.6*			*0.22*			
B-927M	04-19-2021	N	1298.1	7.07	130	16.6	<0.1	4	<0.5		42	<0.5							*3.6*			*0.23*			
B-927M	07-05-2021	N	1298.26	7.2	128	17	<0.1	3.8	<0.5		44	<0.5	<0.001	**0.0051**	0.027	<0.001	<0.001	<0.001	*4.9*		<0.001	*0.25*		0.0028	<0.001
B-927M	09-29-2021	N	1297.14																						
B-927M	11-01-2021	N	1296.81	6.96	109	15.5	<0.1	3.5	<0.5		16	<0.5							*4.1*			*0.25*			
B-927M	04-18-2022	N	1296.95	6.94	144	14.4	<0.1	3.5	<0.5		63	0.91							*2.1*			*0.23*			
B-927M	07-11-2022	N	1297.14	6.94	167	17.9	<0.1	3.5	<0.5		62	<0.5							*3.5*			*0.23*			
B-927M	11-01-2022	N	1296.32	7.19	134	17	<0.1	3.4	<0.5		66	<0.5							*3.6*			*0.25*			
B-927M	04-18-2023	N	1297.46	7.37	140	14.4	<0.1	3.6	<0.5		48	0.68							*3.3*			*0.26*			
B-927M	07-11-2023	N	1297.76	7.06	153	20.2	<0.1	3.4	<0.5		61	0.61	<0.001	**0.0056**	0.041	<0.001	<0.001	<0.001	*3.6*		<0.001	*0.26*		0.0053	<0.001
B-927M	11-06-2023	N	1298.1	6.93	135	16.6	<0.1	3.8	<0.5		73	<0.5							*2.5*			*0.2*			
B-927L	11-07-2017	N	1291.09	8.36	120	10.5	<0.1	2	<0.5		10	<0.5							<0.05			0.048			
B-927L	04-24-2018	N	1291.47																						
B-927L	07-09-2018	N	1291.6	7.17	108	14.8	<0.1	1.5	<0.5		<10	<0.5							0.14			*0.23*			
B-927L	11-06-2018	N	1291.05																						
B-927L	04-22-2019	N	1290.82																						
B-927L	08-05-2019	N	1291.2																						
B-927L	11-04-2019	N	1291.01																						
B-927L	04-20-2020	N	1291.46																						
B-927L	07-13-2020	N	1291.48	7.28	92	14.4	<0.1	1.2	<0.5		19	<0.5							0.053			*0.25*			
B-927L	11-02-2020	N	1291.07																						
B-927L	04-19-2021	N	1290.8																						
B-927L	07-05-2021	N	1290.56																						
B-927L	09-29-2021	N	1290.14																						
B-927L	11-01-2021	N	1290.02																						
B-927L	04-18-2022	N	1290.15																						
B-927L	07-11-2022	N	1290.24	7.11	115	16.1	<0.1	1.4	<0.5		18	<0.5							*1.9*			*0.3*			
B-927L	11-01-2022	N	1290.14																						
B-927L	04-18-2023	N	1291.01																						
B-927L	07-11-2023	N	1291.29																						
B-927L	11-06-2023	N	1291.58																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																							
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
Fraction			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GW-1 (AGQS)			6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
SMCL																																																							
B-927U	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927U	02-22-2022	N																																																			
B-927U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927U	06-08-2022	N																																																		
B-927U	07-11-2022	N																																																	
B-927U	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927U	07-11-2023	N																																																	
B-927U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	7	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<70	<7	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-927M	04-24-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	10	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927M	07-09-2018	N																																																		
B-927M	11-06-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	14	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927M	04-22-2019	N																																																	
B-927M	08-05-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	17	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927M	11-04-2019	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	8	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927M	04-20-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	21	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	07-13-2020	N																														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<70	<7	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-927M	11-02-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	15	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	04-19-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	12	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	07-05-2021	N																																																	
B-927M	09-29-2021	N																																																	
B-927M	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	14	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	9.4	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	07-11-2022	N																																																	
B-927M	11-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	10	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	13	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927M	07-11-2023	N																																																	
B-927M	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	8.9	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927L	11-07-2017	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927L	04-24-2018	N																																																	
B-927L	07-09-2018	N	<10	<1	<2	<10	<1	<5	<1	<2	<1	<5	<1	<1	<1	<5	<0.25	<1	<10	<10	<5	<1	<1	<10	<1	<1	<1	<5	<2	<1	<1																							
B-927L	11-06-2018	N																																																	
B-927L	04-22-2019	N																																																	
B-927L	08-05-2019	N																																																	
B-927L	11-04-2019	N																																																	
B-927L	04-20-2020	N																																																	
B-927L	07-13-2020	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927L	11-02-2020	N																																																	
B-927L	04-19-2021	N																																																	
B-927L	07-05-2021	N																																																	
B-927L	09-29-2021	N																																																	
B-927L	11-01-2021	N																																																	
B-927L	04-18-2022	N																																																	
B-927L	07-11-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-927L	11-01-2022	N																																																	
B-927L	04-18-2023	N																																																	
B-927L	07-11-2023	N																																																	
B-927L	11-06-2023	N																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-928U	09-29-2021	N	1285.42	*6.32*	238	9.8	0.11	29	0.65		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	11-01-2021	N	1283.92	6.63	197	9.7	<0.1	29	0.71		<10	<0.5	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	02-22-2022	N	1285.38	6.7	253	9.2	0.12	32	1.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	04-18-2022	N	1288.64	*6.2*	211	11.3	0.11	25	1.3		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	0.0018	<0.05		0.0026	<0.005		0.002	<0.001
B-928U	06-08-2022	N	1289.58	*6.21*	305	13.6	<0.1	20	1.4		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0021	<0.001
B-928U	07-11-2022	N	1288.54																						
B-928U	11-02-2022	N	1286.3	6.51	216	10.8	<0.1	22	1.5		<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	04-18-2023	N	1289.3	6.5	151	9.2	<0.1	9.2	0.61		<10	<0.5							<0.05			<0.005			
B-928U	07-11-2023	N	1288.73	*6.24*	158	12.5	<0.1	10	0.92		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	11-06-2023	N	1288.6	*6.43*	157	9.5	<0.1	9.7	0.82		<10	<0.5							<0.05			<0.005			
B-928D	09-29-2021	N	1281.83	6.52	308	10.5	0.16	35	0.8		<10	<0.5	<0.001	<0.0005	0.023	<0.001	<0.001	<0.001	<0.05		<0.001	0.034		0.0017	<0.001
B-928D	11-01-2021	N	1281.14	*6.31*	259	10.4	0.18	37	0.7		<10	<0.5	<0.001	<0.0005	0.023	<0.001	<0.001	<0.001	0.19		<0.001	0.018		0.0014	<0.001
B-928D	02-22-2022	N	1282.05	*6*	295	10.3	0.16	36	1.2		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	0.002	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	04-18-2022	N	1283.95	*6.4*	306	10.7	0.21	39	1.2		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	06-08-2022	N	1284.93	*6.22*	312	12.4	0.18	35	1.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	0.0011	0.13		<0.001	0.006		0.0023	<0.001
B-928D	07-11-2022	N	1284.29																						
B-928D	11-02-2022	N	1282.34	*6.28*	283	10.8	0.16	31	1.3		<10	0.64	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	04-18-2023	N	1284.88	6.72	233	9.6	<0.1	20	0.94		<10	<0.5							<0.05			<0.005			
B-928D	07-11-2023	N	1284.46	6.76	220	13.3	<0.1	14	1		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-928D	11-06-2023	N	1284.49	6.58	206	9.6	<0.1	14	1		<10	<0.5							<0.05			<0.005			
B-929U	11-02-2022	N	1332.93																						
B-929U	12-01-2022	N	1332.52	*5.29*	68	3.86	<0.1	1.2	1.6	6.2	<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	0.0011	<0.05		<0.001	0.0099		<0.001	<0.001
B-929U	03-20-2023	N	1333.52	6.57	84	7.7	<0.1	1.8	1.9	7	<10	<0.5	<0.001	<0.0005	0.0065	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-929U	04-19-2023	N	1333.67																						
B-929U	07-12-2023	N	1334.15	6.76	88	11.9	<0.1	1.5	2.6		<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-929U	11-07-2023	N	1335.67	*6.21*	84	7.4	<0.1	1.4	3		<10	<0.5							<0.05			<0.005			
B-929L	11-02-2022	N	1328.95																						
B-929L	12-01-2022	N	1329.02	*6.47*	101	5.59	<0.1	1.6	1.4	6.8	15	<0.5	<0.001	0.00051	0.015	<0.001	<0.001	<0.001	<0.05		<0.001	0.046		<0.001	<0.001
B-929L	03-20-2023	N	1329.12	6.93	83	7.1	<0.1	1.7	1.3	6.9	<10	<0.5	<0.001	<0.0005	0.009	<0.001	<0.001	0.0012	0.091		<0.001	0.0095		<0.001	<0.001
B-929L	04-19-2023	N	1326.74																						
B-929L	07-12-2023	N	1327.81																						
B-929L	11-07-2023	N	1330.14																						
B-930U	12-01-2022	N	1334.6	7.32	87	5.87	<0.1	1.3	<0.5	7.6	<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	0.0012	0.089		<0.001	0.018		<0.001	<0.001
B-930U	03-20-2023	N	1334.36	7.26	96	6.5	<0.1	<1	<0.5	7.7	<10	<0.5	<0.001	<0.0005	0.0084	<0.001	<0.001	0.0019	<0.05		<0.001	<0.005		<0.001	<0.001
B-930U	04-19-2023	N	1334.55																						
B-930U	07-12-2023	N	1335.2	6.76	99	12.9	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.008	<0.001	<0.001	0.0018	<0.05		<0.001	0.0065		<0.001	<0.001
B-930U	11-07-2023	N	1336.52	7.14	99	8.4	<0.1	<1	<0.5		<10	<0.5							<0.05			0.0067			
B-930L	12-01-2022	N	1307.68	7.99	102	5.73	<0.1	<1	<0.5	5.7	<10	<0.5	<0.001	**0.0051**	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	*0.099*		<0.001	<0.001
B-930L	03-20-2023	N	1308.26	7.72	113	6.4	<0.1	<1	<0.5	4.7	<10	<0.5	<0.001	**0.0051**	0.0096	<0.001	<0.001	<0.001	<0.05		<0.001	*0.071*		<0.001	<0.001
B-930L	04-19-2023	N	1308.34																						
B-930L	07-12-2023	N	1308.64																						
B-930L	11-07-2023	N	1309.56																						
B-931U	11-02-2022	N	1304.54																						
B-931U	12-01-2022	N	1304.55	7.14	79	6.61	<0.1	2	<0.5	5.7	<10	<0.5	<0.001	0.00051	0.0089	<0.001	<0.001	<0.001	0.11		<0.001	0.0076		<0.001	<0.001
B-931U	03-20-2023	N	1305.01	7.62	95	7.1	<0.1	1.9	<0.5	5.9	<10	<0.5	<0.001	0.00068	0.0035	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																													
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**6000**	**5**	**10**	**4000**	**100**		**70**	**30**	**75**	**1000**	**81**	**7**	**70**	**1400**	**0.32**	**700**		**2000**	**5**	**13**	**5**	**600**	**1000**	**200**	**5**	**2000**	**2**	**10000**	**10000**	**10000**
		SMCL																														
B-928U	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.5**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.37**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.45**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.33**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.28	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	07-11-2022	N																														
B-928U	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928U	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	09-29-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.6**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	11-01-2021	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.76**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	02-22-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.68**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	04-18-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.76**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	06-08-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.65**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	07-11-2022	N																														
B-928D	11-02-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	**0.71**	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	04-18-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	0.26	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	07-11-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-928D	11-06-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929U	11-02-2022	N																														
B-929U	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929U	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929U	04-19-2023	N																														
B-929U	07-12-2023	N																														
B-929U	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929L	11-02-2022	N																														
B-929L	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929L	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-929L	04-19-2023	N																														
B-929L	07-12-2023	N																														
B-929L	11-07-2023	N																														
B-930U	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-930U	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-930U	04-19-2023	N																														
B-930U	07-12-2023	N																														
B-930U	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-930L	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-930L	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-930L	04-19-2023	N																														
B-930L	07-12-2023	N																														
B-930L	11-07-2023	N																														
B-931U	11-02-2022	N																														
B-931U	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	
B-931U	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1	

Sample Location	Sample Date	Sample Type	Semi-Volatile Organic Compounds																		
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
		GW-1 (AGQS)	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**28000**	**6**	**5**	**0.1**	**280**	**280**	**0.1**	**40**	**100**	**210**	**210**
		SMCL																			
B-928U	09-29-2021	N																			
B-928U	11-01-2021	N																			
B-928U	02-22-2022	N																			
B-928U	04-18-2022	N																			
B-928U	06-08-2022	N																			
B-928U	07-11-2022	N																			
B-928U	11-02-2022	N																			
B-928U	04-18-2023	N																			
B-928U	07-11-2023	N																			
B-928U	11-06-2023	N																			
B-928D	09-29-2021	N																			
B-928D	11-01-2021	N																			
B-928D	02-22-2022	N																			
B-928D	04-18-2022	N																			
B-928D	06-08-2022	N																			
B-928D	07-11-2022	N																			
B-928D	11-02-2022	N																			
B-928D	04-18-2023	N																			
B-928D	07-11-2023	N																			
B-928D	11-06-2023	N																			
B-929U	11-02-2022	N																			
B-929U	12-01-2022	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-929U	03-20-2023	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-929U	04-19-2023	N																			
B-929U	07-12-2023	N																			
B-929U	11-07-2023	N																			
B-929L	11-02-2022	N																			
B-929L	12-01-2022	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-929L	03-20-2023	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-929L	04-19-2023	N																			
B-929L	07-12-2023	N																			
B-929L	11-07-2023	N																			
B-930U	12-01-2022	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-930U	03-20-2023	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-930U	04-19-2023	N																			
B-930U	07-12-2023	N																			
B-930U	11-07-2023	N																			
B-930L	12-01-2022	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-930L	03-20-2023	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-930L	04-19-2023	N																			
B-930L	07-12-2023	N																			
B-930L	11-07-2023	N																			
B-931U	11-02-2022	N																			
B-931U	12-01-2022	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-931U	03-20-2023	N	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																						
			ft	SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			Groundwater Elevation	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Sulfate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Manganese	Nickel	Silver
		Fraction	N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	D	T	D	D	T	D	D
		GW-1 (AGQS)							10	500			0.006	0.005	2	0.004	0.005	0.1				0.3	0.3	0.1	0.1
		SMCL		6.5-8.5				250		250									0.3	0.3		0.05	0.05		0.1
B-931U	04-19-2023	N	1305.17																						
B-931U	07-12-2023	N	1305.48	7.29	87	14.1	<0.1	1.9	<0.5		<10	<0.5		0.00052	0.0033		<0.001	<0.001	<0.05		<0.001	0.0092			
B-931U	11-07-2023	N	1306.23	6.95	84	9.2	<0.1	1.7	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-931L	11-02-2022	N	1304.4																						
B-931L	12-01-2022	N	1304.49	7.02	86	7.26	<0.1	2.2	<0.5	9.5	<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	*0.17*		<0.001	<0.001
B-931L	03-20-2023	N	1305	7.27	107	5.6	<0.1	2.1	<0.5	7.7	<10	<0.5	<0.001	<0.0005	0.0077	<0.001	<0.001	<0.001	<0.05		<0.001	*0.065*		<0.001	<0.001
B-931L	04-19-2023	N	1305.17																						
B-931L	07-12-2023	N	1305.58	7.38	92	11.7	<0.1	1.9	<0.5		<10	<0.5		<0.0005	0.0067		<0.001	<0.001	<0.05		<0.001	*0.06*			
B-931L	11-07-2023	N	1306.37																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																																Semi-Volatile Organic Compounds																					
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			Acetone	Benzene	Bromomethane	Butanone (2-) (MEK)	Chlorobenzene (Monochlorobenzene)	Chloroethane	Chloroform (Trichloromethane)	Chloromethane	Dichlorobenzene (1,4-)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dichloroethene (1,1-)	Dichloroethene (cis-1,2-)	Diethyl Ether (Ethyl Ether)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Methyl-tert Butyl Ether (MTBE)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethane (1,1,1-)	Trichloroethene (TCE)	Trichlorofluoromethane (CFC11)	Vinyl chloride	Xylene (m,p-)	Xylene (o-)	Xylenes (total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate)	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Methylphenol (3,4-)	Naphthalene	Phenanthrene	Pyrene
		Fraction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		GW-1 (AGQS)	6000	5	10	4000	100		70	30	75	1000	81	7	70	1400	0.32	700		2000	5	13	5	600	1000	200	5	2000	2	10000	10000	10000	420	420	2100	0.1	0.2	0.1	210	0.5	28000	6	5	0.1	280	280	0.1	40	100	210	210
		SMCL																																																				
B-931U	04-19-2023	N																																																			
B-931U	07-12-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-931U	11-07-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-931L	11-02-2022	N																																																		
B-931L	12-01-2022	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-931L	03-20-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<50	<5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1
B-931L	04-19-2023	N																																																		
B-931L	07-12-2023	N	<10	<1	<2	<10	<1	<2	<1	<2	<1	<2	<1	<0.5	<1	<2	<0.25	<1	<10	<10	<1	<1	<1	<10	<1	<1	<1	<2	<1	<1	<1																							
B-931L	11-07-2023	N																																																	

Appendix B.3

Surface Water Analytical Results

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							**860**				**0.34**[d,i]										**5300**		**11000**				**32000**				**11000**	**5280**		**17500**	**45000**			
Aquatic Life Fresh Chronic							**230**				**0.15**[d,i]				**1**	**1**															**840**			**21900**			
Human Health Water & Fish								**10**			**0.000018**[b,c]	**1**	(l)	(l) (l)	**0.3**[j]	**0.3**[j]		**0.05**[j]	**0.61**		**2.2**		**6900**				**530**				**20**	**10**		**1300**	**2.5**			
Human Health Fish Only											**0.00014**[b,c]							**0.1**	**4.6**		**58**		**570000**				**2100**				**1000**	**29**		**15000**	**30**			
GW-1 (AGQS)								**10**			**0.005**	**2**	**0.005**	**0.1**			**0.015**	**0.3**	**0.1**	**6000**	**5**	**4000**	**1000**	**81**	**0.32**	**0.32**	**700**		**260**	**2000**	**5**	**5**	**600**	**1000**	**5**	**10000**	**10000**	**10000**
Seep S-1	09-17-1984	N	6.7				1		<50							*3.9*		***0.62***																Tr				
Seep S-1	09-27-1984	N	6.6				17		<50							*12*		***2.5***																				
Seep S-1	02-15-1985	N					12									*4.1*		***10***		78	Tr	260									5			60				
Seep S-1	06-24-1985	N					7									*50*		***8.7***		90		240		5			Tr						Tr	70				Tr
Seep S-1	09-13-1985	N					5		44							*29*		***4.8***		90		120												20				Tr
Seep S-1	02-26-1986	N		210			9.3		50							*24*		***5.9***						Tr										43				
Seep S-1	06-05-1986	N					12		78							*66*		***11***				150		6			Tr						Tr	57				Tr
Seep S-1	11-15-1986	N	5.8				1.5		55							*3.6*		***1.4***																				
Seep S-1	03-03-1987	N	6.5				1.2		<20							*1.4*		***0.39***																				
Seep S-1	06-11-1987	N	6.8	80	13.3		0.97		5.8							*2.6*		***0.58***																				
Seep S-1	09-21-1987	N	6.5	90	9		1.4		6.5							*2.2*		***0.49***																40				
Seep S-1	12-29-1987	N	5.7	90	0.5		1.2		8.6							*2.7*		***0.61***																				
Seep S-1	03-29-1988	N					1		5							*1.5*		***0.36***																				
Seep S-1	07-13-1988	N	6.7	116	15.9		1.2		26							0.1		0.028																				
Seep S-1	10-17-1988	N	6.4	132	10.9		<2		<5							*2*		***0.43***																7				
Seep S-1	12-20-1988	N	6.7	640	7.7		8.2		110							*82*		***8.1***		140				Tr			Tr			8				69				
Seep S-1	04-26-1989	N	6.2	166	7.4		6.7		24							*13*		***1.6***																Tr				
Seep S-1	07-27-1989	N	6	146	13.8		3		7							*11*		***1.2***																				
Seep S-1	10-26-1989	N	6.4	139	7.6		<1		7		<0.01		<0.005	<0.01		*17*	<0.005	***1.6***																				
Seep S-1	02-06-1990	N	6.5	57	4.7		6.5		230		***0.02***		<0.005	<0.01		*110*	*0.005*	***7.4***		25				Tr										38				
Seep S-1	05-23-1990	N	7	268	7.3		2.8		17		<0.01		<0.005	<0.01		*36*	<0.005	***2.9***																9				
Seep S-1	08-29-1990	N	8.05	253	16		2.6		41		<0.01		<0.005	<0.01		*30*	<0.005	***2.6***																10				
Seep S-1	12-03-1990	N	6.11	264	16		2		22		<0.01		<0.005	<0.01		*28*	<0.005	***2.7***		39														12				
Seep S-1	02-28-1991	N	7.5	128	7.4		3		<5		<0.01		<0.005	<0.01		*0.48*	<0.005	0.009																				
Seep S-1	07-08-1991	N	6.2	156			3.5		<5		<0.01		<0.005	<0.01		*0.78*	<0.005	***0.44***																				
Seep S-1	09-09-1991	N	6.8	68	19.8		2		<10		<0.01		<0.001	<0.002		<0.01	<0.01	0.006																				
Seep S-1	01-02-1992	N	6.3	248	2.6		7		10		<0.01		<0.001	<0.002		*30*	<0.01	***2.3***																5				
Seep S-1	03-19-1992	N	6.3	13000			4		50		<0.05		<0.005	<0.01		*49*	<0.05	***3***		30		50					1							24				3
Seep S-1	04-10-1992	N	6.6	317	14		23		56		<0.01		***0.009***	<0.002		*56*	<0.01	***3.5***																				
Seep S-1	05-26-1992	N					2		<10		<0.01		<0.001	<0.002		*0.67*	<0.01	*0.14*																				
Seep S-1	07-08-1992	N	6.6	176	13.4		3		<10		<0.01		<0.001	<0.002		*29*	<0.01	***1.8***		20														7				
Seep S-1	09-14-1992	N	5.8	79			2		<10		<0.01		<0.001	<0.002		*1.2*	<0.01	*0.12*																				
Seep S-1	10-07-1992	N					3		25		<0.01		<0.001	<0.002		0.04	<0.01	<0.005																12				1
Seep S-1	11-20-1992	N	5.7	31			2	<0.5	<10	<0.2	<0.01	<0.05	<0.001	<0.002		*2.3*	<0.01	*0.23*																				
Seep S-1	12-17-1992	N					3	0.6	13	<0.5	<0.01	<0.05	<0.001	<0.002		*5.5*	<0.01	***0.7***																				
Seep S-1	01-11-1993	N	5.8	79			2	<0.5	55	<0.5						*0.96*		*0.17*																				
Seep S-1	02-09-1993	N	5.5	79			2	<0.5	<10	<0.5	<0.01	0.06	<0.001	<0.002		*5.2*	<0.01	*0.22*																				
Seep S-1	03-31-1993	N	5.7	77			2	0.8	<10	<0.5	<0.01	<0.05	<0.001	<0.002		0.15	<0.01	*0.28*																				
Seep S-1	04-15-1993	N	6.7	111	5.8		2	<0.5	<10	<0.5						0.09		<0.005		<50		<10		<2			<1	<10						<1				<1

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1																840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
Seep S-1	06-03-1993	N	6	91			2	<0.5	<10	<0.5						*4.2*		***0.39***		<50		<10		<2			<1	<10						<1				<1
Seep S-1	06-22-1993	N	6	85			2	<0.5	<10	<0.5						*2.4*		*0.28*		<50		<10		<2			<1	<10						<1				<1
Seep S-1	07-15-1993	N					3	<0.5	11	<0.5						*0.65*		*0.13*		<50		<10		<2			<1	<10						<1				<1
Seep S-1	08-26-1993	N	6.4	110			2	<0.5	<10	<0.5						*5.3*		***0.51***		<50		<10		<2			<1	<10						<1				<1
Seep S-1	10-06-1993	N	6.2	250			7	<0.5	44	0.5						*65*		***3.9***		50		<10		<2			1	<10						34				4
Seep S-1	11-24-1993	N	7.2	355	6		3	<0.5	<10	<0.5						*36*		***2.2***		<50		<10		<2			<1	<10						19				2
Seep S-1	12-29-1993	N	6	88			1	<0.5	<10	<0.5						*1.2*		*0.14*		<50		<10		<2			<1	<10						<1				<1
Seep S-1	01-28-1994	N	6.2	230			7	<0.5	39	<0.5						*64*		***4.6***		<50		<10		<2			<1	<10						31				2
Seep S-1	02-28-1994	N	6.6	140			3	<0.5	<10	<0.5						*23*		***1.6***		<50		<10		<2			<1	<10						11				<1
Seep S-1	03-29-1994	N	6.4	92			2	<0.5	<10	<0.5						*1.7*		*0.18*		<50		<10		<2			<1	<10						<1				<1
Seep S-1	04-13-1994	N	6.7	675	9.1		11	<0.5	94	0.9						*120*		***7.6***		<50		<10		4			2	<10						85				7
Seep S-1	05-27-1994	N	6.4	240			8	<0.5	75	0.7						*52*		***3.4***		50		30		2			1	<10						38				2
Seep S-1	06-30-1994	N	6	130			3	<0.5	<10	<0.5						*1.4*		***0.38***		<50		<10		<2			<1	<10						<1				<1
Seep S-1	07-07-1994	N	6.5	166	25.2		5	<0.5	<10	<0.5	<0.01	<0.05	*0.002*	<0.002		*14*	<0.01	***1***		<50		20		<2			<1	<10						13				<1
Seep S-1	08-25-1994	N	6.1	500			21	<0.5	300	0.7						*220*		***14***		420	1	460		3			3	10		10				260				8
Seep S-1	09-29-1994	N	6.4	630			26	<0.5	470	1						*200*		***14***		480	1	540		8			3	10		10				390				10
Seep S-1	10-31-1994	N	6.3	310			9	<0.5	140	0.7						*73*		***4.6***		280		290		3			1	10						150				4
Seep S-1	11-28-1994	N	6.7	558	8.9		8	<0.5	63	<0.5						*60*		***4***		100		150		<2			<1	<10						74				2
Seep S-1	12-29-1994	N	6.3	340			15	<0.5	110	0.8						*77*		***5***		100		160		<2			1	<10						100				2
Seep S-1	01-31-1995	N	6.4	180			5	<0.5	27	<0.5						*13*		***1.3***		<50		30		<2			<1	<10						21				<1
Seep S-1	02-27-1995	N	6.4	310			9	<0.5	52	<0.5						*44*		***3.4***		100		100		<2			<1	<10						68				2
Seep S-1	03-29-1995	N	6.3	190			6	<0.5	41	0.6						*22*		***2***		50		60		<2			<1	<10						34				<1
Seep S-1	04-03-1995	N	6.4	893	5.2		27	<0.5	230	1						*140*		***9.4***		320		450		5			2	30		20				240				7
Seep S-1	05-05-1995	N																		400		400		4			1	<10						250				8
Seep S-1	05-10-1995	N	6.3	310			15	<0.5	99	<0.5						*68*		***5.1***		100		130		2			1	<10						130				3
Seep S-1	06-29-1995	N	6.2	500			21	<0.5	170	0.8						*83*		***8.5***		<50		270		3			2	<10						170				5
Seep S-1	07-13-1995	N	6.7	540	20		16	<0.5	130	<0.5						*57*		***5.6***		240		250		2			1	20						120				3
Seep S-1	08-31-1995	N	6.4	220			7	<0.5	41	<0.5						*26*		***2.5***		<50		50		<2			<1	<10						40				<1
Seep S-1	09-29-1995	N	6.4	155			3	<0.5	<10	<0.5						*3.5*		***0.53***		<50		<10		<2			<1	<10						6				<1
Seep S-1	10-26-1995	N	6.4	150			2	<0.5	<10	<0.5						*0.34*		*0.24*		<50		<10		<2			<1	<10						<1				<1
Seep S-1	11-13-1995	N	6.2	161	4.7		2	<0.5	<10	<0.5						*1.4*		*0.24*		<50		<10		<2			<1	<10						4				<1
Seep S-1	12-21-1995	N	7.9	170			3	<0.5	<10	<0.5						*3.6*		***0.62***		<50		<10		<2			<1	<10						4				<1
Seep S-1	01-23-1996	N	6.3	240			8	<0.5	33	<0.5						*12*		***1.3***		<50		10		<2			<1	<10						30				<1
Seep S-1	02-27-1996	N	6.2	230			6	<0.5	<10	<0.5						*6.7*		***1.3***		<50		<10		<2			<1	<10						4				<1
Seep S-1	03-29-1996	N	6.3	390			14	<0.5	56	0.7						*48*		***5.1***		80		40		<2			<1	<10						88				2
Seep S-1	04-15-1996	N	6.5	240	5.4		6	<0.5	21	<0.5						*19*		***2.5***		<50		<10		<2			<1	<10						20				<1
Seep S-1	05-31-1996	N	6.2	190			4	<0.5	<10	<0.5						*7.5*		***1.5***		<50		<10		<2			<1	<10						7				<1
Seep S-1	06-28-1996	N	6.3	150			2	<0.5	<10	<0.5						*4*		***0.92***		<50		<10		<2			<1	<10						4				<1
Seep S-1	07-09-1996	N	6.6	300	14		8	<0.5	30	<0.5						*30*		***2.5***		<50		<10		<2			<1	<10						40				<1

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																				
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	**Sample Date**	**Sample Type**	**pH**	**Specific Conductance**	**Temperature**	**Bromide**	**Chloride**	**Nitrate**	**Chemical Oxygen Demand**	**Total Kjeldahl Nitrogen (TKN)**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Iron**	**Iron**	**Lead**	**Manganese**	**Nickel**	**Acetone**	**Benzene**	**Butanone (2-) (MEK)**	**Dichlorodifluoromethane (CFC12)**	**Dichloroethane (1,1-)**	**Dioxane (1,4-)**	**Dioxane (1,4-)**	**Ethylbenzene**	**Hexanone (2-)**	**Isopropyltoluene (p-)**	**Methyl-2-pentanone (4-) (MIBK)**	**Methylene Chloride (Dichloromethane)**	**Tetrachloroethene (PCE)**	**Tetrahydrofuran**	**Toluene**	**Trichloroethene (TCE)**	**Xylene (m,p-)**	**Xylene (o-)**	**Xylenes (total)**
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
Seep S-1	08-14-1996	N	6.2	250			7	<0.5	36	0.6						*31*		***2.9***		<50		<10		<2			<1	<10						32				1
Seep S-1	09-20-1996	N	6.2	200			65	<0.5	30	<0.5						*20*		***2.5***		<50		<10		<2			<1	<10						27				<1
Seep S-1	10-30-1996	N	6.3	270			7	<0.5	22	<0.5						*24*		***2.9***		<50		<10		<2			<1	<10						31				<1
Seep S-1	11-11-1996	N	6.7	310	0.7		9	<0.5	40	0.5						*29*		***3.5***		<50		<10		<2			<1	<10						44				<1
Seep S-1	12-19-1996	N	6.2	190			4	<0.5	<10	<0.5						*7.2*		***1.6***		<50		<10		<2			<1	<10						9				<1
Seep S-1	01-20-1997	N	6.5	260			8	<0.5	34	0.5						*34*		***4.3***		<50		<10		<2			<1	<10						35				<1
Seep S-1	02-17-1997	N	6.5	250			7	<0.5	23	0.7						*0.82*		***3***		<50		<10		<2			<1	<10						20				<1
Seep S-1	03-25-1997	N	6.1	270			7	<0.5	45	0.7						*30*		***3.7***		<50		<10		<2			<1	<10						24				<1
Seep S-1	04-07-1997	N	6.7	30	10.7		7	<0.1	<20	0.27						*31.4*		***3.3***		<10		<10		<1			<1	<10						10				<2
Seep S-1	05-28-1997	N	6.6	189			6	<0.1	<20	0.63						*16*		***2***		<10		<10	5.9	<1			<1	<10						5		<2	<2	<0
Seep S-1	06-16-1997	N	6.6	213			8	<0.1	<20	0.98						*31*		***2.8***		<10		<10	8.7	<1			<1	<10						4.4		<2	<2	<0
Seep S-1	07-07-1997	N	4.5	152	15.4		7	<0.1	<20	0.36						*22.3*		***2.42***		<10		<10		1.2			<1	<10						15				<2
Seep S-1	11-11-1997	N	6.9	160	2.4		7	<0.1	<20	0.52						*31*		***2.9***		<20		<20	13	<1			<1	<10						10				<2
Seep S-1	04-13-1998	N	6.4	258	10		7	<0.1	<20	0.99						*27*		***2.7***		<10		<10	3.1	<1			<1	<10						12				<2
Seep S-1	07-13-1998	N	6.5	180	17.2		5	<0.1	<20	0.76						*13*		***1.8***		<10		<10	5	<1			<1	<10	<1					<1				<2
Seep S-1	11-16-1998	N	6.6	240	7.9		5	<0.1	<20	0.83						*18*		***1.8***		<10		<10	2.9	<1			<1	<10	<1					<1				<2
Seep S-1	04-05-1999	N	6.5	240	9.6		4	<0.1	<20	0.42						*22*		***2.1***		<10		<10	4.1	<1			<1	<10	<1					<1				<2
Seep S-1	07-27-1999	N	6.2	172	9		3	<0.1	<20	0.41						*22*		***2.3***		<10		<10	<1	<1			<1	<10	<1					<1				<2
Seep S-1	11-17-1999	N	6.9	206	4.8		4.21	0.116	<15	0.243						*19.5*		***1.93***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	04-10-2000	N	7.3	120	5		<4	0.065	<15	0.226						*4*		***1.05***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	07-17-2000	N	6.6	180	13.9		<4	2.12	<15	0.637						*13.5*		***1.62***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	11-13-2000	N	7.6	154	4.7		2.63	0.145	<15	0.252						*8.49*		***1.45***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	04-02-2001	N	7.1	145	8.6	<0.1	2.57	0.059	<15	0.416						*11.1*		***1.58***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	07-09-2001	N	6.6	175	14.8		2.98	0.038	<15	0.191						*13.1*		***1.64***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	11-05-2001	N	6.6	194	7.1		2.84	0.092	<15	0.302						*10.8*		***1.62***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	04-15-2002	N	6.6	168	14		3.25	0.179	<15	0.532						*11*		***1.49***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	07-15-2002	N	6.7	140	14.2		2.7	0.216	<15	0.452						*7.57*		***1.14***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	11-18-2002	N	6.4	138	5	<0.1	3.61	0.28	103	0.26						*9.37*		***1.21***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	04-07-2003	N	6.5	130	7.1		3.79	0.288	16	0.329						*9.62*		***1.17***		<20		<20	<10	<1			<1	<20	<1					<1				<2
Seep S-1	07-14-2003	N	6.4	137	9.2		3.26	0.226	<15	0.44	***0.006***	<0.02	<0.003	<0.01		*9.45*	<0.002	***0.975***	<0.02	<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	11-03-2003	N	7.4	111	6.2	<0.1	3.73	0.346	<15	0.328						*8.1*		***1.09***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	04-05-2004	N	6.2	114	8	<0.1	3.6	0.352	<15	0.295						*8.4*		***1.02***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	07-06-2004	N	7	132	12.2		4.36	0.518	<15	0.498						*73.4*		***1.12***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	11-08-2004	N	7.5	130	5.9	<0.1	4.08	0.372	<15	0.2						*2*		***0.497***		<10		<10	<5	3.2			<1	<10	<1					<1				<2
Seep S-1	04-11-2005	N	5.8	300	5.3		25.6	1.1	106	4.6						*2160*		***20.6***		81.8		<10	<5	<1			<1	<10	1.2					2.6				<2
Seep S-1	07-11-2005	N	7.2	3	9.6		4.79	0.346	<15	0.212						*24.6*		***1.05***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	11-01-2005	N	6.1	150	11.8		4.04	0.537	<15	<0.04						*2.2*		***0.5***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	04-10-2006	N	6.6	110	10.9		3.98	0.591	<15	0.284						*2.43*		***0.476***		<10		<10	<5	<2			<1	<10	<1					<1				<2
Seep S-1	07-10-2006	N	6.3	150	12		5.21	0.528	<15	0.2						*5.63*		***0.856***		<10		<10	<5	<1			<1	<10	<1					<1				<2

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																				
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	**Sample Date**	**Sample Type**	**pH**	**Specific Conductance**	**Temperature**	**Bromide**	**Chloride**	**Nitrate**	**Chemical Oxygen Demand**	**Total Kjeldahl Nitrogen (TKN)**	**Arsenic**	**Barium**	**Cadmium**	**Chromium**	**Iron**	**Iron**	**Lead**	**Manganese**	**Nickel**	**Acetone**	**Benzene**	**Butanone (2-) (MEK)**	**Dichlorodifluoromethane (CFC12)**	**Dichloroethane (1,1-)**	**Dioxane (1,4-)**	**Dioxane (1,4-)**	**Ethylbenzene**	**Hexanone (2-)**	**Isopropyltoluene (p-)**	**Methyl-2-pentanone (4-) (MIBK)**	**Methylene Chloride (Dichloromethane)**	**Tetrachloroethene (PCE)**	**Tetrahydrofuran**	**Toluene**	**Trichloroethene (TCE)**	**Xylene (m,p-)**	**Xylene (o-)**	**Xylenes (total)**
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
Seep S-1	11-06-2006	N	6.7	110	8.7		5.93	0.543	<15	0.176						*4.13*		***0.924***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	04-09-2007	N	6.3	80	8.8	<0.1	4.4	1.04	<15	0.162						*1.27*		***0.413***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	07-23-2007	N	6	80	9.6		4.08	0.662	<15	0.153						*2.61*		***0.535***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	11-05-2007	N	6.2	160	4.9	<0.1	4.7	0.55	<10	10						*3.18*		***0.725***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	04-21-2008	N	6.47	240	14.5		4.5	0.49	<10	0.33						*21*		***1.5***		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	07-21-2008	N	5.9	50	11.7		3.5	0.54	<10	0.14						*0.64*		*0.23*		<10		<10	<5	<1			<1	<10	<1					<1				<2
Seep S-1	11-18-2008	N	6.8	60	4		3.5	1.9	<10	<0.1						*1.2*		*0.29*		<10		<10	<5	<1	<2		<1	<10	<1					<1				<2
Seep S-1	04-06-2009	N	6	240	7.7		5	<0.5	<10	<0.5						*3.1*		***0.48***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-13-2009	N	6.1	100	10.2		5	<0.5	<10	<0.5	*0.0013*	0.01	<0.001	<0.001		*1.6*	<0.001	***0.38***	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-09-2009	N	6.2	100	6.6		4	<0.5	<10	<0.5						*1.1*		*0.25*		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-07-2010	N	5.64	130	11.8		6	<0.5	<10	<0.5						*2.2*		*0.25*		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-15-2010	N	6.4	80	10.8		4	<0.5	<10	<0.5						*0.98*		*0.24*		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-03-2010	N	5.8	100	6.5		6	<0.5	<10	<0.5						*15*		***0.78***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-18-2011	N	5.5	80	7.4		6	<0.5	<10	<0.5						*1*		***0.41***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-14-2011	N	5.7	700	14.7		6	<0.5	<10	<0.5						*78*		***0.92***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-14-2011	FD					6	<0.5	<10	<0.5						*5*		***0.52***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-01-2011	N	6.5	140	6		4	<0.5	<10	<0.5						0.1		*0.085*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-11-2012	N	6.4	130	10.4		9	<0.5	<10	<0.5						*7.3*		***0.9***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-18-2012	N	6.39	150	10.1		5	<0.5	<10	<0.5						*0.58*		*0.14*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-06-2012	N	6.46	90	8.3		7	<0.5	<10	<0.5						*0.54*		*0.18*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-10-2013	N	6.3	700	8.1		10	<0.5	<10	<0.5						*4.5*		***0.65***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-09-2013	N	6.59	110	12.9		5	<0.5	<10	<0.5						*1*		*0.18*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-05-2013	N	6.1	109	9.1		10	<0.5	<10	<0.5						*2.4*		***0.5***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-21-2014	N	6.89	120	10.8		8	<0.5	<10	<0.5						0.25		*0.12*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-17-2014	N	6.45	108	9		7	<0.5	<10	<0.5						0.09		*0.059*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-05-2014	N	6.51	190	8.9		8	<0.5	<10	<0.5						*1.1*		*0.21*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-15-2015	N	6.98	100	9.2		8	<0.5	<10	<0.5						*0.75*		*0.15*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-21-2015	N	7	109	9.5		4	<0.5	<10	<0.5	<0.0005	0.007	<0.001	<0.001		0.12	<0.001	0.038	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-10-2015	N	7.44	70	8.3		5	<0.5	<10	<0.5						*0.77*		*0.14*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-11-2016	N	7.4	118	7.9		4	<0.5	<10	<0.5						*0.87*		*0.097*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-12-2016	N	7.64	97	9.2		3	<0.5	<10	<0.5						0.12		*0.053*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	11-07-2016	N	7.16	97	9.1		3	<0.5	<10	<0.5						0.16		0.044		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	04-03-2017	N	6.86	100	9.2		4	<0.5	<10	<0.5						*0.38*		*0.075*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
Seep S-1	07-26-2017	N	7.27	98	9.1		4	0.6	<10	<0.5						*0.32*		*0.077*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	11-06-2017	N	6.91	101	9.2		2	0.7	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	04-23-2018	N	6.86	104	10.9		9.7	0.52	<10	<0.5						*1.1*		*0.25*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	07-10-2018	N	6.19	130	10.8		9.6	0.57	<10	<0.5						*1.9*		***0.31***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	11-05-2018	N	6.66	111	8.8		4.4	0.63	<10	<0.5						*0.32*		*0.094*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	04-22-2019	N	7.57	252	9.5		46	<0.5	<10	<0.5						*0.76*		*0.22*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																				
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	[l]	[l] [l]	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
Seep S-1	07-08-2019	N	6.76	282	9.2		62	<0.5	<10	<0.5						*0.38*		*0.095*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	11-05-2019	N	7.24	132	8.7		9.2	0.71	<10	<0.5						*0.41*		*0.1*		<10	<1	<10	<5	<1	<50	<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
Seep S-1	04-20-2020	N	7.28	146	9.5		11	1.1	<10	<0.5						*1*		***0.31***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	07-13-2020	N	7.09	132	10.3		11	<0.5	12	<0.5	*0.0015*	0.017	<0.001	<0.001		*2.2*	<0.001	***0.42***	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	11-03-2020	N	6.69	215	7.2		5.2	0.78	<10	<0.5						0.17		0.041		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	12-15-2020	N	7.13	146	7		4.4	0.66	<10	<0.5						0.24		*0.055*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	01-13-2021	N	7.32	114	8.2		5.2	0.62	<10	<0.5						0.17		*0.083*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	02-15-2021	N	7.51	114	8.8		6.4	0.6	<10	<0.5						0.25		*0.11*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	03-17-2021	N	7.53	114	8.7		6.7	0.68	<10	<0.5						*0.5*		*0.13*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	04-19-2021	N	7.1	118	9.5		7.8	<0.5	<10	<0.5						*0.51*		*0.12*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	07-05-2021	N	6.61	121	10.3		6.1	0.78	<10	<0.5						*0.54*		*0.077*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	11-02-2021	N	6.36	98	9		7.5	0.53	<10	<0.5						0.22		*0.079*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	04-18-2022	N	7.88	135	9.4		4.2	<0.5	<10	<0.5						0.083		0.025		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	07-11-2022	N	7.25	121	9.1		5.1	0.55	<10	<0.5						0.16		0.032		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	11-02-2022	N	6.7	102	9.3		5.2	<0.5	<10	<0.5						0.12		0.046		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	04-18-2023	N	7.39	93	9.3		3.3	<0.5	<10	<0.5						*1.6*		*0.094*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	07-12-2023	N	7.09	100	11		4.7	0.51	<10	<0.5						0.091		0.046		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
Seep S-1	08-22-2023	N	6.86	98	10	<0.1																																	
Seep S-1	11-06-2023	N	6.99	93	9.1		3.9	<0.5	<10	<0.5						0.25		*0.085*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	07-09-1996	N	6.8	200	16.3		6	<0.5	16	<0.5						*9.4*		***1.7***		80		60																	
SF-1	11-11-1996	N	6.9	170	0.8		5	<0.5	<10	<0.5						*4.1*		***1.3***		<50		<10																	
SF-1	04-07-1997	N	5.2	110	11.3		8	0.1	<20	0.39						*9.5*		***1.18***		<10		<10																	
SF-1	07-07-1997	N	4.6	153	11.2		5	0.1	<20	0.75						*16*		***1.21***		<10		<10																	
SF-1	11-11-1997	N	6.9	50	1.8		1	0.1	<20	0.15						0.05		<0.02		<10		<10																	
SF-1	04-13-1998	N	6.4	220	10.8		4	0.2	<20	0.38						*2.8*		***0.72***		<10		<10																	
SF-1	07-13-1998	N	6.7	120	15		3	0.1	<20	0.29						*2.3*		***0.78***		<20		<20																	
SF-1	11-16-1998	N	6.7	160	7		4	0.1	<20	0.28						*2.2*		***0.65***		<10		<10																	
SF-1	04-05-1999	N	7.2	130	8		2	0.1	<20	0.32						*6.1*		***0.66***		<10		<10																	
SF-1	07-27-1999	N	6.9	152	12		2	0.1	<20	0.43						*2.3*		***0.6***		<10		<10																	
SF-1	11-17-1999	N	7.8	155	4.1		2.8	0.203	<15	<0.04						*3.05*		***0.508***		<20		<20																	
SF-1	04-10-2000	N	7.2	148	5.9		<4	0.206	<15	0.496						*1.93*		***0.62***																					
SF-1	07-17-2000	N	7.3	116	14.5		<4	0.938	<15	0.365						*1.79*		***0.661***		<20		<20																	
SF-1	11-13-2000	N	8.3	125	4.8		2.46	0.218	<15	0.204						*47.4*		***1.81***		<20		<20																	
SF-1	04-02-2001	N	6.7	175	9.5	<0.1	<2.5	0.179	<15	0.192						*4.42*		***0.616***		<20		<20																	
SF-1	07-09-2001	N	7	133	15		3.74	0.145	<15	0.287						*286*		***3.6***		<20		<20																	
SF-1	11-05-2001	N	6.9	145	6.9		2.8	0.194	<15	0.271						*1.44*		***0.603***		<20		<20																	
SF-1	04-15-2002	N	7.1	140	14.2		2.53	0.225	<15	0.247						*1.46*		***0.462***		<20		<20																	
SF-1	07-15-2002	N	7	158	19.5		2.72	0.286	<15	0.254						*8.56*		***0.939***		<20		<20																	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
SF-1	11-18-2002	N	6.6	112	4	<0.1	3.34	0.307	16	0.157						*3.31*		***0.658***		<20		<20																	
SF-1	04-07-2003	N	7.1	80	5.2		3.4	0.342	16	0.258						*2.81*		***0.579***		<20		<20																	
SF-1	07-14-2003	N	6.8	106	11.5		3.23	0.357	<15	0.187	*0.002*	<0.02	<0.003	<0.01		*4.84*	<0.002	***0.515***	<0.02	<10		<10																	
SF-1	11-03-2003	N	7.4	120	6.1	<0.1	3.69	0.437	<15	0.227						*1.33*		***0.473***		<10		<10																	
SF-1	04-05-2004	N	6.6	106	7.5	<0.1	4.07	0.47	<15	0.196						*3.73*		***0.622***		<10		<10																	
SF-1	07-06-2004	N	6.9	106	11.8		3.95	0.505	<15	0.358						*7.8*		***0.54***		<10		<10																	
SF-1	11-08-2004	N	7.6	150	5.6	<0.1	18	0.037	87	11.8						*145*		***5.5***		<10		<10																	
SF-1	04-11-2005	N	6.6	102	3.9		4.62	0.426	<15	0.873						*24.6*		***1.3***		<10		<10																	
SF-1	07-11-2005	N	7.4	100	11.7		4.05	0.381	<15	<0.04						*11.9*		***0.893***		<10		<10																	
SF-1	11-01-2005	N	6.4	102	10.2		4.28	0.46	<15	0.124						*2.36*		***0.453***		<10		<10																	
SF-1	04-10-2006	N	6.6	100	10.3		4.48	0.53	<15	0.208						*7.01*		***0.47***		<10		<10																	
SF-1	07-10-2006	N	7.1	200	12.8		5.2	0.495	<15	0.554						*29.9*		***2.33***		<10		<10																	
SF-1	11-06-2006	N	7	80	8.3		4.8	0.511	<15	0.107						*2.22*		***0.419***		<10		<10																	
SF-1	04-09-2007	N	6.9	80	8.7	<0.1	5.13	0.58	<15	0.222						*16.1*		***0.465***		<10		<10																	
SF-1	07-23-2007	N	6.9	90	11		4.39	5.24	<15	0.405						*9.91*		***0.614***		<10		<10																	
SF-1	11-05-2007	N	6.4	80	4.8	<0.1	4.6	0.52	<10	0.16						*0.888*		***0.332***		<10		<10																	
SF-1	04-21-2008	N	7.32	340	12.7		4.5	0.51	11	0.22						*8.1*		***0.39***		<10		<10																	
SF-1	07-21-2008	N	5.9	50	11.3		3.9	0.4	<10	0.34						*1.7*		***0.4***		<10		<10																	
SF-1	11-18-2008	N	6.7	70	4		4.5	0.41	<10	0.1						*2.1*		***0.36***		<10		<10			<2														
SF-1	04-06-2009	N	6.5	410	7.2		5	<0.5	<10	<0.5						*2.2*		***0.38***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-13-2009	N	7.4	90	10.9		4	<0.5	<10	<0.5	*0.0016*	0.01	<0.001	<0.001		*3.1*	<0.001	***0.47***	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-09-2009	N	6.8	110	5.8		4	<0.5	<10	<0.5						*1.6*		***0.38***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-07-2010	N	6.67	110	13.5		6	<0.5	<10	<0.5						*1.9*		*0.28*		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-15-2010	N	7.1	80	13.7		5	<0.5	<10	<0.5						*2.3*		***0.46***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-03-2010	N	6.4	80	6.8		5	<0.5	<10	<0.5						*3*		***0.43***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-18-2011	N	6.1	120	6.1		5	<0.5	<10	<0.5						*1.2*		***0.32***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-14-2011	N	6.8	90	18.3		5	<0.5	14	<0.5						*6*		***0.4***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-01-2011	N	7.5	230	5.1		6	<0.5	<10	<0.5						*1.6*		***0.37***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-11-2012	N	6.8	150	9.5		7	<0.5	<10	<0.5						*2.5*		***0.46***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-18-2012	N	6.96	200	12.9		6	<0.5	<10	<0.5						*4.1*		***0.45***		20	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-06-2012	N	7.05	111	6.3		8	<0.5	<10	<0.5						*1.8*		***0.34***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-10-2013	N	7.47	870	6.5		8	<0.5	<10	0.7						*3.8*		***0.5***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-09-2013	N	7.19	120	14.2		7	<0.5	<10	<0.5						*1.1*		*0.27*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-05-2013	N	7.43	125	7.5		8	<0.5	12	<0.5						*1.6*		***0.37***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-21-2014	N	7.6	480	10.8		8	<0.5	12	<0.5						*3.9*		***0.45***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-17-2014	N	7.41	117	11.2		8	<0.5	13	0.8						*2.1*		***0.41***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	11-05-2014	N	7.17	380	8.8		8	<0.5	<10	<0.5						*2.1*		*0.28*		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	04-15-2015	N	8.22	90	7.5		7	<0.5	<10	<0.5						*2.2*		***0.35***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
SF-1	07-21-2015	N	7.52	130	12		7	<0.5	<10	<0.5	*0.0026*	0.01	<0.001	<0.001		*1.9*	<0.001	***0.32***	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																				
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
SF-1	11-10-2015	N	7.64	80	6.9		7	<0.5	<10	<0.5						*1.6*		***0.33***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	04-11-2016	N	8.18	175	5.2		7	<0.5	<10	<0.5						*5.9*		***0.35***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	07-12-2016	N	7.91	157	12		11	<0.5	<10	0.6						*1.4*		***0.32***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	11-07-2016	N	7.72	145	7.9		12	<0.5	<10	<0.5						*1.1*		*0.27*		<10	<1	<10	<5	<2		0.31	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	12-01-2016	N	6.57	520	7.6		11	<0.5	<10	<0.5						*2.9*		***0.31***		<10	<1	<10	<5	<2		0.26	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	04-03-2017	N	7.04	139	6.2		10	<0.5	<10	<0.5						*3.2*		***0.5***		<10	<1	<10	<5	<2		0.28	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
SF-1	07-26-2017	N	7.47	134	10.2		10	<0.5	<10	0.7						*1.5*		***0.37***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	11-06-2017	N	7.01	161	10.4		9	0.6	<10	<0.5						*1.3*		***0.31***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	04-23-2018	N	6.86	123	10.3		11	<0.5	<10	<0.5						*2.3*		***0.34***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	07-10-2018	N	6.8	154	12.7		12	0.5	<10	<0.5						*2.5*		***0.44***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	11-05-2018	N	7.28	153	7.3		9.4	0.5	<10	<0.5						*1*		*0.29*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	04-22-2019	N	7.99	280	8.8		62	<0.5	<10	<0.5						*1.5*		***0.31***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	07-08-2019	N	6.95	278	11		53	<0.5	<10	<0.5						*1.3*		*0.29*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	11-05-2019	N	7.14	179	8.2		17	0.6	<10	<0.5						*1.7*		*0.28*		<10	<1	<10	<5	<1	<50	<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
SF-1	04-20-2020	N	7.4	162	7.4		12	0.8	<10	<0.5						*1.7*		*0.3*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	07-13-2020	N	7.22	135	12		11	<0.5	<10	<0.5	*0.0021*	0.011	<0.001	<0.001		*1.6*	<0.001	***0.34***	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	11-03-2020	N	6.87	271	5.3		9.6	0.56	<10	<0.5						*1.2*		*0.27*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	12-15-2020	N	7.31	148	3.6		8.9	0.51	11	0.7						*2.1*		*0.27*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	01-13-2021	N	7.62	145	5.5		9	0.56	<10	<0.5						*2.5*		***0.33***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	02-15-2021	N	7.92	134	5		9.2	0.55	<10	<0.5						*5.5*		***0.53***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	03-17-2021	N	7.76	136	5.1		8.4	0.61	<10	<0.5						*3.3*		***0.42***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	04-19-2021	N	7.92	135	8.6		9.3	<0.5	<10	<0.5						*1.6*		*0.27*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	07-05-2021	N	7.27	131	11.5		8.8	0.58	<10	<0.5						*1.7*		*0.24*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	11-02-2021	N	7.18	113	8.3		9.3	<0.5	<10	<0.5						*2.6*		*0.27*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	04-18-2022	N	7.41	388	7.2		6.5	<0.5	<10	<0.5						*1.8*		*0.27*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	07-11-2022	N	7.47	151	10.8		9	<0.5	<10	<0.5						*0.95*		*0.22*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	11-02-2022	N	7.58	130	8.9		7.7	<0.5	<10	<0.5						*0.8*		*0.19*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	04-18-2023	N	7.79	123	8.1		7.4	<0.5	17	<0.5						*6.8*		***0.53***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	07-12-2023	N	7.39	127	13		8.8	<0.5	<10	<0.5						*8.8*		***0.85***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
SF-1	08-22-2023	N	7.11	122	10.7	<0.1																																	
SF-1	11-06-2023	N	7.47	120	7.7		7.4	<0.5	<10	<0.5						*7.2*		***0.59***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-1	04-15-1996	N	6.8	60	4		5	<0.5	12	<0.5						*1.2*		*0.089*																					
AR-1	07-09-1996	N	7.1	40	17.1		5	<0.5	<10	5.2						0.08		0.03																					
AR-1	11-11-1996	N	7.2	20	1.6		2	<0.5	16	<0.5						0.07		0.02																					
AR-1	04-07-1997	N	7	20	14.5		1	0.1	<20	0.27						*0.8*		0.05																					
AR-1	07-07-1997	N	6.1	23	18		2	0.1	<20	0.34						0.22		0.03																					
AR-1	11-11-1997	N	7.2	20	1.2		2	<0.1	25	0.13						0.11		<0.02																					
AR-1	07-13-1998	N	7.1	30	15.5		3	0.1	<20	0.16						0.12		<0.02																					

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
	Fraction		N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	Aquatic Life Fresh Acute						860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
	Aquatic Life Fresh Chronic						230				0.15[d,i]				1	1															840			21900			
	Human Health Water & Fish							10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
	Human Health Fish Only										0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
	GW-1 (AGQS)							10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
AR-1	07-27-1999	N	6.5	56	20		6	<0.1	<20	0.32						0.15		<0.02																					
AR-1	07-17-2000	N	7.4	41	18.8		4.56	0.256	<15	0.13						0.126		0.013																					
AR-1	07-09-2001	N	6.7	65	20.7		7.5	0.914	<15	0.165						0.157		0.018																					
AR-1	07-15-2002	N	7	56	9.3		5.77	0.117	<15	0.204						0.245		0.029																					
AR-1	07-14-2003	N	7.3	60	17.5		10.5	0.165	<15	0.278	<0.002	<0.02	<0.003	<0.01		0.124	<0.002	0.014	<0.02																					
AR-1	07-06-2004	N	7.4	54	20.6		6.46	0.082	<15	0.208						0.233		0.016																					
AR-1	07-11-2005	N	6.5	44	21		5.93	0.086	<15	0.093						0.137		0.014																					
AR-1	07-10-2006	N	7.3	80	19.1		6.7	0.093	<15	0.048						0.177		0.015																					
AR-1	07-23-2007	N	7	40	20.8		6.85	0.153	<15	0.207						0.16		<0.02																					
AR-1	07-21-2008	N	6.8	10	16.7		4.4	0.07	16	0.38						0.23		0.029																					
AR-1	07-13-2009	N	6.6	10	13.9		4	<0.5	<10	<0.5	<0.0005	0.007	<0.001	<0.001		0.18	<0.001	0.019	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-15-2010	N	6.9	30	20.2		5	<0.5	20	0.5						*0.4*		0.028		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-14-2011	N	6.4	30	20.1		8	<0.5	<10	<0.5						0.23		0.022		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-18-2012	N	6.49	40	20		7	<0.5	13	<0.5						0.17		0.014		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-09-2013	N	7.12	30	17.2		3	<0.5	15	<0.5						0.22		0.018		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-17-2014	N	7.02	36	16.6		4	<0.5	16	1.8						0.19		0.017		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-21-2015	N	7.38	46	17.4		6	<0.5	13	<0.5	<0.0005	0.007	<0.001	<0.001		0.18	<0.001	0.015	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-12-2016	N	7.8	43	15.3		4	<0.5	<10	<0.5						0.1		0.016		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	04-03-2017	N	7.32	63	1.2		8	<0.5	<10	<0.5						0.1		0.018		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1		
AR-1	07-26-2017	N	7.96	65	13.9		10	<0.5	<10	0.52						0.18		0.017		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1		
AR-1	07-10-2018	N	7.02	71	17.5		9.6	<0.5	<10	<0.5						0.21		0.017		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1		
AR-1	11-05-2018	N	6.84	37	3.7		2.6	<0.5	15	<0.5						0.15		0.025																					
AR-1	07-08-2019	N	7.7	54	16.3		8.6	<0.5	12	<0.5						0.22		0.019		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1		
AR-1	07-13-2020	N	7.72	36	17.5		5.6	<0.5	14	<0.5	<0.0005	0.0065	<0.001	<0.001		0.19	<0.001	0.017	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1		
AR-1	07-05-2021	N	7.46	51	18.9		7.7	<0.5	<10	<0.5						0.25		0.018		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1		
AR-1	07-11-2022	N	7.62	86	19.2		13	<0.5	<10	<0.5						0.18		0.015		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1		
AR-1	07-12-2023	N	7.87	28	18		3.1	<0.5	16	<0.5						0.21		0.021		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1		
AR-1	08-22-2023	N	7.41	45	13.8																																		
AR-2	07-13-1995	N	7.2	60	20		4	<0.5	16	<0.5						*0.78*		*0.12*																					
AR-2	11-13-1995	N	6.1	27	5.1		2	<0.5	12	<0.5						0.22		0.048																					
AR-2	04-15-1996	N	7.4	110	4		5	<0.5	<10	<0.5						*1.5*		*0.15*																					
AR-2	07-09-1996	N	7.1	50	17		6	<0.5	<10	0.8						0.16		*0.055*																					
AR-2	11-11-1996	N	7.1	20	0.7		2	<0.5	10	<0.5						0.08		0.025																					
AR-2	04-07-1997	N	7.1	30	12.2		1	0.7	<20	0.26						*1.15*		*0.09*																					
AR-2	07-07-1997	N	6.1	24	17.6		2	<0.1	<20	0.39						0.29		0.04																					
AR-2	11-11-1997	N	7.2	30	1.9		2	0.1	<20	0.3						*0.51*		0.03																					
AR-2	07-13-1998	N	6.9	30	16.3		3	0.7	<20	0.28						*0.46*		0.04																					
AR-2	07-27-1999	N	6.6	69	20		6	0.3	<20	0.2						*0.92*		*0.08*																					

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
		Fraction	N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Aquatic Life Fresh Acute					860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
		Aquatic Life Fresh Chronic					230				0.15[d,i]				1	1															840			21900			
		Human Health Water & Fish						10			0.000018[b,c]	1	[l]	[l] [l]	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
		Human Health Fish Only									0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
		GW-1 (AGQS)						10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
AR-2	07-17-2000	N	7.5	46	18		<8	0.508	<15	0.137						*1.11*		*0.072*																				
AR-2	07-09-2001	N	6.7	66	21		7.47	0.136	<15	0.099						*1.46*		*0.059*																				
AR-2	07-15-2002	N	7	57	14.4		5.77	0.124	<15	0.153						*1.39*		*0.054*																				
AR-2	07-14-2003	N	7.1	73	18.2		10.4	0.285	<15	0.166	<0.002	<0.02	<0.003	<0.01		*0.364*	<0.002	0.031	<0.02																				
AR-2	07-06-2004	N	7.3	50	20.4		6.82	0.201	<15	0.352						*1.48*		*0.076*																				
AR-2	07-11-2005	N	6.5	45	21.2		6.33	0.148	<15	<0.04						*0.475*		0.045																				
AR-2	07-10-2006	N	7.1	80	19.1		6.88	0.11	38	0.127						*0.486*		0.038																				
AR-2	07-23-2007	N	6.7	30	20.2		6.83	0.185	<15	0.051						*0.355*		0.037																				
AR-2	07-21-2008	N	6.8	20	16.7		4.6	0.07	16	0.26						*0.61*		0.05																				
AR-2	07-13-2009	N	6.9	30	13.9		3	<0.5	20	<0.5	<0.0005	0.007	<0.001	<0.001		0.29	<0.001	0.023	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-15-2010	N	6.8	30	20.3		6	<0.5	18	<0.5						*0.51*		0.044		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-14-2011	N	6.8	20	20		8	<0.5	<10	<0.5						*0.44*		*0.053*		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-18-2012	N	7.44	70	19.4		8	<0.5	13	<0.5						0.28		0.039		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-09-2013	N	6.97	40	17.8		3	<0.5	18	<0.5						0.24		0.021		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-17-2014	N	7.31	37	16.6		4	<0.5	18	1.2						*0.43*		0.031		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-21-2015	N	7.4	48	17.1		6	<0.5	12	<0.5	<0.0005	0.008	<0.001	<0.001		0.25	<0.001	0.03	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-12-2016	N	8.15	46	15.4		5	<0.5	<10	<0.5						0.17		0.029		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	04-03-2017	N	7.63	66	1.2		9	<0.5	<10	<0.5						0.2		0.037		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-2	07-26-2017	N	7.97	65	14.2		10	<0.5	<10	<0.5						0.23		0.029		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-2	07-10-2018	N	7.14	74	17.3		9.8	<0.5	<10	<0.5						0.23		0.025		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-2	07-08-2019	N	7.59	57	16		8.7	<0.5	14	<0.5						0.22		0.02		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-2	07-13-2020	N	7.6	36	17.5		5.6	<0.5	14	<0.5	<0.0005	0.0066	<0.001	<0.001		0.19	<0.001	0.017	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-2	07-05-2021	N	7.52	51	18.7		7.9	<0.5	<10	<0.5						0.24		0.019		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-2	07-11-2022	N	7.75	87	19.3		13	<0.5	<10	<0.5						0.19		0.016		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-2	07-12-2023	N	7.34	28	17.9		3.2	<0.5	<10	<0.5						0.26		0.028		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-2	08-22-2023	N	7.26	45	13.8																																		
AR-3	04-16-1996	N	6.1	60	4.7		4	<0.5	<10	<0.5						*3.6*		*0.13*																				
AR-3	07-09-1996	N	7.1	50	17.4		6	<0.5	10	<0.5						0.1		0.034																				
AR-3	11-11-1996	N	7.1	20	1		2	<0.5	<10	<0.5						0.08		0.021																				
AR-3	04-07-1997	N	7.3	30	12		2	0.1	<20	0.23						*0.83*		*0.07*																				
AR-3	07-07-1997	N	6	27	16.4		2	<0.1	<20	0.67						0.26		0.03																				
AR-3	11-11-1997	N	7.2	20	1.5		2	0.1	24	0.11						0.1		<0.02																				
AR-3	07-13-1998	N	7	30	16		3	0.1	<20	0.22						0.18		0.02																				
AR-3	07-27-1999	N	6.6	60	20		8	0.1	<20	0.23						0.14		<0.02																				
AR-3	07-17-2000	N	7.3	46	18.7		4.56	0.236	<15	0.173						0.25		0.022																				
AR-3	07-09-2001	N	6.9	67	21.5		7.52	0.228	<15	0.168						0.296		0.024																				
AR-3	07-15-2002	N	7	57	14		5.7	0.133	<15	0.186						*0.405*		0.03																				
AR-3	07-14-2003	N	7.4	75	18.7		10.3	0.147	<15	0.112	<0.002	<0.02	<0.003	<0.01		0.142	<0.002	0.02	<0.02																				

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																	
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
AR-3	07-06-2004	N	7.2	67	20.7		6.39	0.251	<15	0.347						*0.345*		0.031																				
AR-3	07-11-2005	N	6.7	41	21.7		5.7	0.071	<15	<0.04						0.148		0.014																				
AR-3	07-10-2006	N	7.1	30	19		6.7	0.14	<15	<0.04						0.215		0.02																				
AR-3	07-23-2007	N	6.7	30	21.2		6.87	0.122	<15	0.121						0.199		0.025																				
AR-3	07-21-2008	N	6.8	20	16.8		4.5	0.07	17	0.26						*0.39*		*0.052*																				
AR-3	07-13-2009	N	6.9	40	13.7		3	<0.5	10	<0.5	<0.0005	0.007	<0.001	<0.001		0.19	<0.001	0.021	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-15-2010	N	7	40	20.2		4	<0.5	15	0.6						*0.34*		0.029		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-14-2011	N	6.8	10	20.4		9	<0.5	11	<0.5						0.24		0.027		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-18-2012	N	7.62	40	19.6		8	<0.5	18	<0.5						0.16		0.017		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-09-2013	N	7.37	30	17.6		3	<0.5	17	<0.5						0.24		0.019		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-17-2014	N	7.29	40	16.2		4	<0.5	19	1						0.21		0.022		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-21-2015	N	7.31	47	17.1		5	<0.5	10	<0.5	<0.0005	0.007	<0.001	<0.001		0.12	<0.001	0.014	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-12-2016	N	8.06	44	15.2		5	<0.5	<10	0.6						0.11		0.018		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	04-03-2017	N	7.1	65	1.2		8	<0.5	<10	<0.5						0.11		0.034		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
AR-3	07-26-2017	N	8.42	64	14.2		10	<0.5	<10	<0.5						0.18		0.019		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-3	07-10-2018	N	7.23	73	17		9.6	<0.5	<10	<0.5					0.068	*0.81*		0.025		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-3	11-05-2018	N	6.96	41	3.8		2.5	<0.5	18	<0.5						0.16		0.028																				
AR-3	07-08-2019	N	7.78	56	15.6		8.8	<0.5	<10	<0.5						0.22		0.023		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
AR-3	07-13-2020	N	7.68	36	17.4		5.7	<0.5	14	<0.5	<0.0005	0.0067	<0.001	<0.001		0.2	<0.001	0.019	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-3	07-05-2021	N	7.79	52	18.1		7.8	<0.5	<10	<0.5						0.23		0.022		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-3	07-11-2022	N	7.54	88	19		13	<0.5	<10	<0.5						0.17		0.019		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-3	07-12-2023	N	7.13	27	18.4		3.2	<0.5	11	<0.5						0.22		0.023		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
AR-3	08-22-2023	N	7.56	46	13.9																																
S-101	07-07-1997	N	6.8	63	15																																
S-101	07-13-1998	N	7	50	14.8																																
S-101	07-27-1999	N	6.8	84	9		1	0.1	<20	0.18						<0.03		<0.02																				
S-101	07-17-2000	N	8	58	12.7		<4	0.405	<15	<0.040						0.057		<0.005																				
S-101	07-09-2001	N	6.9	77	15		<2.5	0.268	<15	0.251						0.149		0.005																				
S-101	07-15-2002	N	6.8	75	16		<2.5	0.503	<15	0.098						0.044		<0.005																				
S-101	07-14-2003	N	6.6	108	9.6		<2.5	0.506	20	0.46	<0.002	<0.02	<0.003	<0.01		0.095	<0.002	0.007	<0.02																			
S-101	07-06-2004	N	7.1	78	10.2		<2.5	0.631	<15	0.098						0.016		<0.005																				
S-101	07-11-2005	N	7	77	9		<2.5	0.023	<15	<0.04						*0.999*		*0.07*																				
S-101	07-10-2006	N	6.7	90	10.1		<2.5	0.372	<15	<0.04						*1.16*		0.017																				
S-101	07-23-2007	N	6.4	50	9.5		<2.5	0.407	<15	<0.05						0.032		<0.02																				
S-101	07-21-2008	N	5.5	50	10.1		<2.5	0.46	<10	0.24						0.046		<0.02																				
S-101	07-13-2009	N	6.8	60	10		1	<0.5	<10	<0.5	<0.0005	0.004	<0.001	<0.001		<0.05	<0.001	<0.005	<0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-15-2010	N	7.1	30	11		<1	<0.5	<10	<0.5						0.06		<0.005		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-14-2011	N	6.7	60	16.7		<1	0.6	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Field Parameters / Indicator Parameters / Metals																	Volatile Organic Compounds																
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
		Fraction	N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Aquatic Life Fresh Acute					860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
		Aquatic Life Fresh Chronic					230				0.15[d,i]				1	1															840			21900			
		Human Health Water & Fish						10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
		Human Health Fish Only									0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
		GW-1 (AGQS)						10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
S-101	07-18-2012	N	7.25	130	9.7		2	<0.5	11	<0.5						<0.05		<0.005		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-09-2013	N	7.05	70	10.1		1	<0.5	<10	<0.5						0.14		0.016		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-17-2014	N	6.97	73	8.2		1	<0.5	<10	2.3						<0.05		<0.005		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-21-2015	N	7.52	68	8.8		1	<0.5	<10	<0.5	<0.0005	0.005	<0.001	<0.001		<0.05	<0.001	<0.005	<0.001	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-12-2016	N	8.16	79	8.8		<1	<0.5	<10	0.8						*0.45*		0.016		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	04-03-2017	N	7.43	79	6.3		2	<0.5	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-101	07-26-2017	N	7.95	78	8		1	<0.5	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-101	07-10-2018	N	6.85	92	10		1.8	<0.5	<10	<0.5						*2.1*		*0.14*		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-101	11-05-2018	N	7.02	94	6.6		1.4	<0.5	<10	<0.5						<0.05		<0.005																			
S-101	07-08-2019	N	7.31	327	8.7		69	<0.5	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-101	11-05-2019	N	7.42	135	6.7		10	0.56	<10	<0.5						<0.05		<0.005		<10	<1	<10	<5	<1	<50	<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-101	04-20-2020	N	7.69	113	6.6		7.3	0.61	<10	<0.5						<0.05		<0.005		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-101	07-13-2020	N	7.46	91	9		5.9	<0.5	<10	<0.5	<0.0005	0.005	<0.001	<0.001		0.069	<0.001	<0.005	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-101	07-05-2021	N	7.53	72	9.3		1.6	0.53	<10	<0.5						*0.54*		0.0059		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-101	07-11-2022	N	7.65	111	8.7		1.2	<0.5	<10	<0.5						<0.05		<0.005		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-101	07-12-2023	N	6.92	81	9.9		1.1	<0.5	<10	<0.5						0.27		0.013		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-101	08-22-2023	N	7.35	86	8.6	<0.1																															
S-108	05-05-1995	N																					5													
S-108	07-07-1997	N	6.9	500	24.1																		1.3													
S-108	07-13-1998	N	6.6	320	15.5																		2.6	<1												
S-108	07-27-1999	N	6.7	309	13		11	<0.1	1900	1.8						*170*		***13***					1.3	0.9												
S-108	07-17-2000	N	7.3	277	13.2		7.03	0.464	80	0.506						*66.5*		***3.53***					<10	1.4												
S-108	07-09-2001	N	6.6	260	16.9		9.72	0.488	<15	0.364						*469*		***18.3***					<10	2												
S-108	07-15-2002	N	6.5	236	14.6		7.24	0.026	101	3.79						*20.6*		***4.2***					<10	1.3												
S-108	07-14-2003	N	7	254	13.5		12.7	0.184	340	6.7	***0.042***	0.259	<0.003	0.039		*54*	***0.077***	***21.7***	*0.023*				<5	1.1												
S-108	07-06-2004	N	6.9	255	13.5		6.64	1.94	308	2.76						*30.2*		***87.6***					<5	1												
S-108	07-11-2005	N	6.3	154	11.8		7.56	0.064	680	7.94						*139*		***197***					<5	<1												
S-108	07-10-2006	N	6.7	240	12.5		6.88	0.138	<15	10.3						*54.9*		***10.4***					<5	<1												
S-108	07-23-2007	N	6.9	160	11.1		6.46	0.503	<15	0.34						*0.415*		***7.18***					<5	<1												
S-108	07-21-2008	N	6.2	100	20.6		5.4	0.03	84	28						*19*		***8.3***					<5	<1												
S-108	07-13-2009	N	6.8	170	13		6	<0.5	140	<0.5	***0.0063***	0.16	<0.001	0.007		*10*	*0.014*	***13***	0.007	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-15-2010	N	6.8	150	20.8		17	<0.5	31	<0.5						*2.4*		***2.8***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-14-2011	N	7	130	16.1		6	<0.5	770	0.5						*39*		***16***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-18-2012	N	7.25	370	15.7		5	<0.5	15	<0.5						*2*		***2***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-09-2013	N	6.85	190	16		6	0.7	14	<0.5						*20*		***14***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-17-2014	N	7.08	166	15.3		6	<0.5	52	0.9						*45*		***30***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-21-2015	N	7.09	208	14.7		6	<0.5	12	0.6	***0.0053***	0.071	<0.001	0.002		*5.6*	*0.006*	***7.1***	0.004	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-12-2016	N	7.19	192	13.9		5	<0.5	<10	0.5						*1.9*		***2.3***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																Volatile Organic Compounds																			
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
		Fraction	N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Aquatic Life Fresh Acute					860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
		Aquatic Life Fresh Chronic					230				0.15[d,i]				1	1															840			21900			
		Human Health Water & Fish						10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
		Human Health Fish Only									0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
		GW-1 (AGQS)						10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
S-108	04-03-2017	N	7.18	162	5		5	0.5	25	<0.5						*4.3*		***6.6***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-108	07-26-2017	N	8.37	165	12.8		5	3.1	71	0.65						*7.1*		***5.3***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-108	07-10-2018	N	6.48	240	14.3		8.9	<0.5	350	0.69						*20*		***26***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-108	07-08-2019	N	7.24	249	13.7		5.8	<0.5	38	0.92						*2.4*		***6***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-108	04-20-2020	N	6.96	164	11.8																					<0.25											
S-108	07-13-2020	N	6.66	188	15.3		11	<0.5	58	<0.5	*0.0024*	0.08	<0.001	0.0046		*5.5*	*0.0033*	***7.5***	0.0048	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	12-15-2020	N	7.67	154	4.8		5	<0.5	14	<0.5						0.29		***0.94***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	01-13-2021	N	7.68	154	6.3		5.8	<0.5	24	<0.5						0.23		***0.37***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	02-15-2021	N	7.81	166	4.1		9.6	0.55	140	<0.5						*2.6*		***1.5***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	03-17-2021	N	7.48	170	5.1		5	<0.5	<10	<0.5						0.16		*0.19*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	04-19-2021	N	7.34	150	9.7		6.6	<0.5	12	<0.5						*0.91*		***0.6***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	07-05-2021	N	6.75	168	14.7		7.5	<0.5	14	<0.5						*0.41*		*0.22*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	07-11-2022	N	6.87	165	13.2		6.2	<0.5	<10	<0.5						0.3		***0.36***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	07-12-2023	N	7.22	143	16.7		6	<0.5	14	<0.5						*2.3*		***2***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-108	08-22-2023	N	7	142	13.5	<0.1																															
S-109	05-05-1995	N																						4													
S-109	07-07-1997	N	6.9	434	8.1																			1.2													
S-109	07-13-1998	N	6.7	280	15.2															<10			2.7	1.1							<1			<1			
S-109	07-27-1999	N	6.9	271	15		5	<0.1	437	0.6						*3*		***7.3***		<10			1.6	1							<1			<1			
S-109	07-17-2000	N	7.1	245	12.4		4.13	0.94	332	0.28						*9.68*		***10.5***		<20			<10	1.3							2			1.2			
S-109	07-09-2001	N	6.5	234	16.8		6.34	0.138	<15	1.31						*110*		***40.6***		<20			<10	1.4							<1			<1			
S-109	07-15-2002	N	6.6	198	14.8		5.18	0.105	373	13.6						*16.4*		***32.6***		<20			<10	<10							<1			<1			
S-109	07-14-2003	N	7.1	220	11		6.26	<0.020	103	2.52	***0.006***	0.11	<0.003	<0.01		*4.99*	*0.008*	***11.5***	<0.02	<10			<5	1.4							<1			<1			
S-109	07-06-2004	N	7.3	180	12.8		23.2	0.29	570	179						*1130*		***2360***		<10			<5	1.1							<1			<1			
S-109	07-11-2005	N	6.4	207	10.6		5.25	0.295	133	11.9						*14.8*		***300***		49			<5	<1							<1			<1			
S-109	07-10-2006	N	7	250	13.4		5.12	0.131	<15	1.47						*7.96*		***17.8***		<10			<5	<1							<1			<1			
S-109	07-23-2007	N	6.8	130	14.9		4.55	0.063	<15	0.197						0.093		***1.07***		<10			<5	<1							<1			<1			
S-109	07-21-2008	N	6.2	90	20.1		4.6	0.04	18	0.81						*6.2*		***25***		<10			<5	<1							<1			<1			
S-109	07-13-2009	N	7.2	190	13.3		5	<0.5	<10	<0.5	*0.0012*	0.012	<0.001	0.001		*1.1*	*0.001*	***1.7***	0.001	<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-15-2010	N	7.1	140	17.2		5	<0.5	<10	<0.5						*0.37*		***0.66***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-14-2011	N	6.9	150	21.9		5	<0.5	94	0.5						*16*		***21***		<10	<1	<10	<5	<2		<1	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-18-2012	N	6.75	390	17.3		8	<0.5	14	<0.5						*2.9*		***2.1***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-09-2013	N	7.29	170	16		5	1.2	<10	<0.5						*1.9*		***2.6***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-17-2014	N	7.18	165	14.4		5	<0.5	19	1						*0.65*		***1.5***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-21-2015	N	7.46	162	14.4		5	<0.5	<10	<0.5	***0.006***	0.11	<0.001	0.011		*8.2*	*0.01*	***14***	0.008	<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-12-2016	N	7.67	167	13.9		4	<0.5	17	0.6						*4.8*		***7.8***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	04-03-2017	N	6.78	152	4.8		13	<0.5	86	0.6						*24*		***43***		<10	<1	<10	<5	<2		<0.25	<1	<10	<1	<10	<5	<2	<10	<1	<2	<1	<1	
S-109	07-26-2017	N	7.89	177	14.3		4	<0.5	51	0.95						*1.8*		***1.6***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-109	07-10-2018	N	7.01	193	15.1		4.4	<0.5	53	<0.5						*1.3*		***1.3***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

			Field Parameters / Indicator Parameters / Metals																Volatile Organic Compounds																				
			SU	uS/cm	C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Sample Location	Sample Date	Sample Type	pH	Specific Conductance	Temperature	Bromide	Chloride	Nitrate	Chemical Oxygen Demand	Total Kjeldahl Nitrogen (TKN)	Arsenic	Barium	Cadmium	Chromium	Iron	Iron	Lead	Manganese	Nickel	Acetone	Benzene	Butanone (2-) (MEK)	Dichlorodifluoromethane (CFC12)	Dichloroethane (1,1-)	Dioxane (1,4-)	Dioxane (1,4-)	Ethylbenzene	Hexanone (2-)	Isopropyltoluene (p-)	Methyl-2-pentanone (4-) (MIBK)	Methylene Chloride (Dichloromethane)	Tetrachloroethene (PCE)	Tetrahydrofuran	Toluene	Trichloroethene (TCE)	Xylene (m,p-)	Xylene (o-)	Xylenes (total)
Fraction			N	N	N	N	N	N	N	N	T	T	T	T	D	T	T	T	T	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Aquatic Life Fresh Acute							860				0.34[d,i]										5300		11000				32000				11000	5280		17500	45000			
Aquatic Life Fresh Chronic							230				0.15[d,i]				1	1															840			21900			
Human Health Water & Fish								10			0.000018[b,c]	1	(l)	(l) (l)	0.3[j]	0.3[j]		0.05[j]	0.61		2.2		6900				530				20	10		1300	2.5			
Human Health Fish Only											0.00014[b,c]							0.1	4.6		58		570000				2100				1000	29		15000	30			
GW-1 (AGQS)								10			0.005	2	0.005	0.1			0.015	0.3	0.1	6000	5	4000	1000	81	0.32	0.32	700		260	2000	5	5	600	1000	5	10000	10000	10000
S-109	07-08-2019	N	7.11	157	14		4.3	<0.5	<10	<0.5						0.28		***0.84***		<10	<1	<10	<5	<1		<0.25	<1	<10	<1	<10	<5	<1	<10	<1	<1	<1	<1	
S-109	04-20-2020	N	7.71	149	9.3																					<0.25												
S-109	07-13-2020	N	7.05	171	15.8		5.1	<0.5	<10	<0.5	<0.0005	0.0042	<0.001	<0.001		*0.4*	<0.001	***0.47***	<0.001	<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	12-15-2020	N	7.46	150	6.1		5	<0.5	25	<0.5						*3.5*		***5.6***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	01-13-2021	N	7.68	150	6.8		5.2	<0.5	95	<0.5						*0.95*		***1.8***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	02-15-2021	N	8.05	138	4.4		6.2	<0.5	57	<0.5						*1.6*		***0.7***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	03-17-2021	N	7.78	146	4.8		4.9	<0.5	18	0.73						*0.8*		***0.84***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	04-19-2021	N	7.6	142	10.1		5.3	<0.5	<10	<0.5						*1.5*		***0.48***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	07-05-2021	N	7.12	152	15.3		5.4	<0.5	<10	<0.5						*0.91*		*0.23*		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	07-11-2022	N	7.07	165	14.3		6.7	<0.5	23	0.75						*1.8*		***3.1***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	07-12-2023	N	7.04	133	16.3		5.5	<0.5	<10	<0.5						<0.05		***0.41***		<10	<1	<10	<2	<1	<50	<0.25	<1	<10	<1	<10	<1	<1	<10	<1	<1	<1	<1	
S-109	08-22-2023	N	7.26	138	14.2	<0.1																																

Appendix C

Time-Series Plots

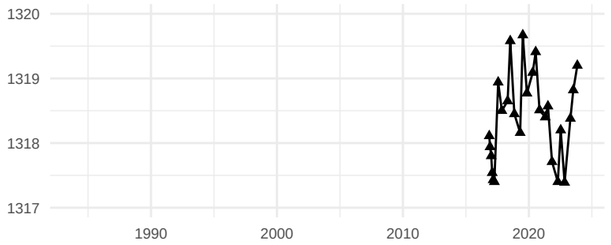
Appendix C.1

Groundwater Analytical Results
(Field and Indicator Parameters, VOCs)

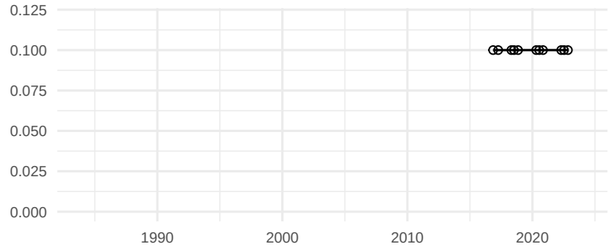
Background Wells

B−923U

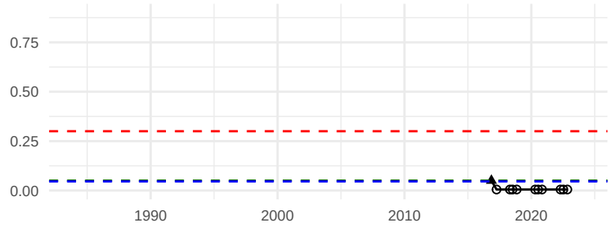
Groundwater Elevation (ft) :



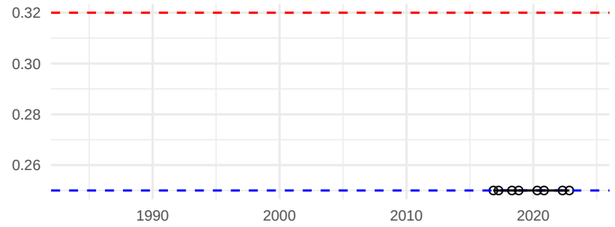
Bromide (mg/L) :



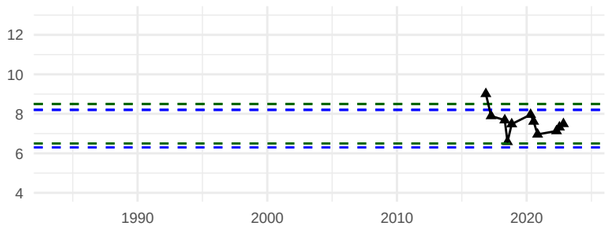
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



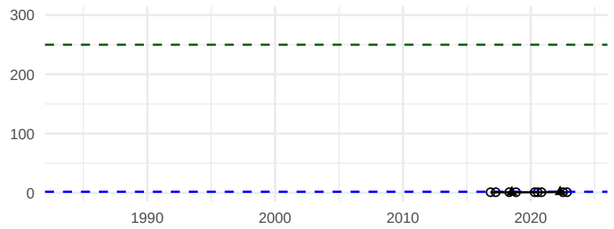
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



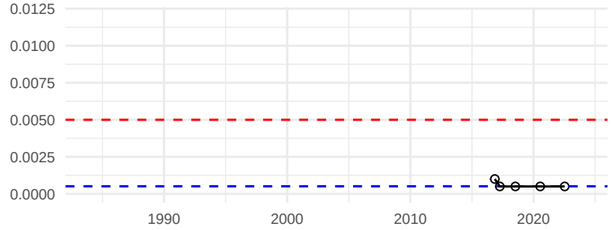
pH (SU) :
SMCL: 6.5 − 8.5 SU



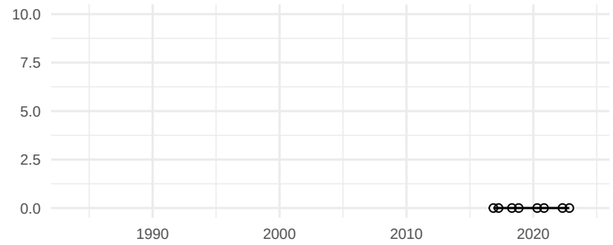
Chloride (mg/L) :
SMCL: 250 mg/L



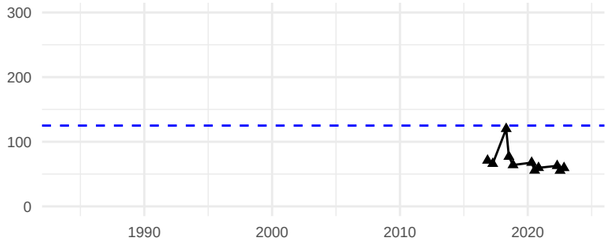
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



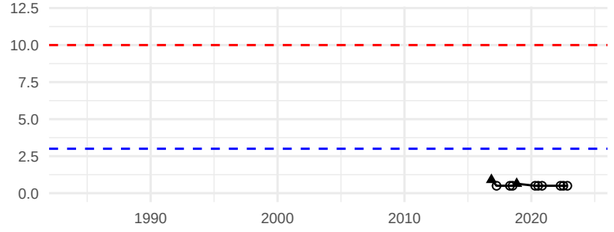
Total VOCs (ug/L) :



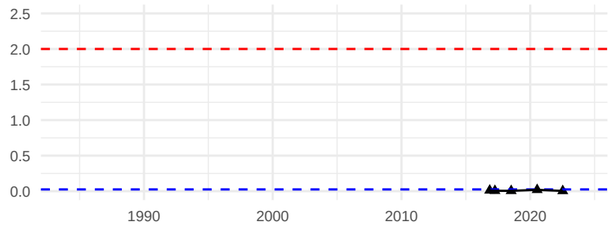
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



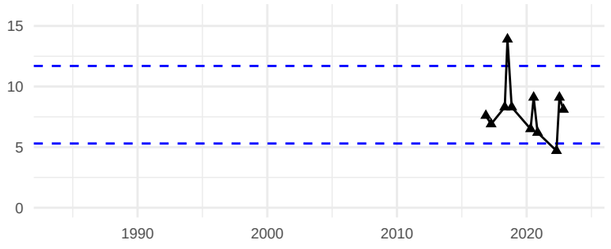
Result

- Detect
- Non−Detect

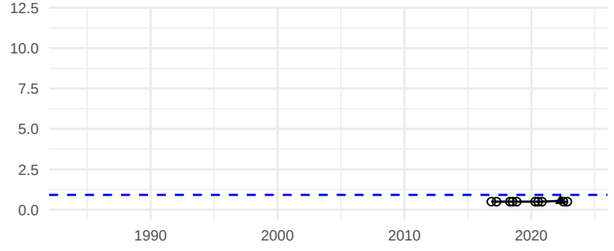
Standard

- AGQS
- SMCL
- Background

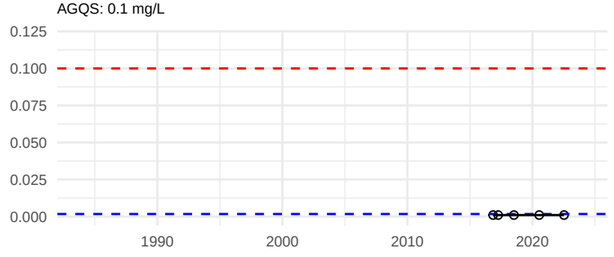
Temperature (C) :

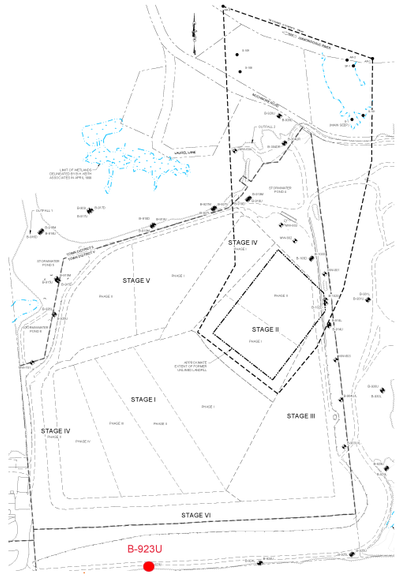


Total Kjeldahl Nitrogen (TKN) (mg/L) :

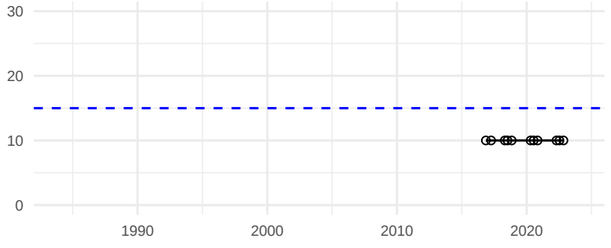


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

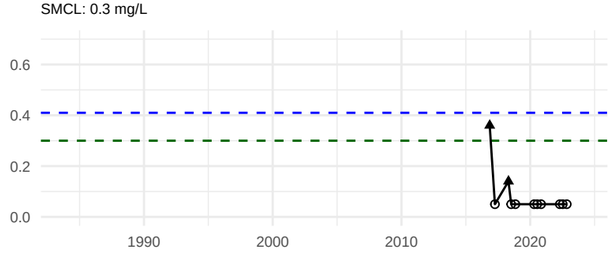




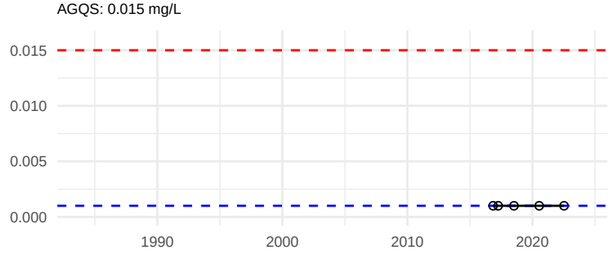
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



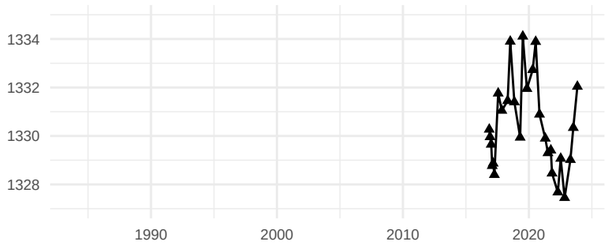
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



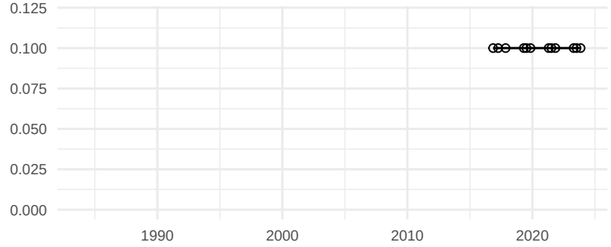
Sanborn, Head & Associates, Inc.

B−924U

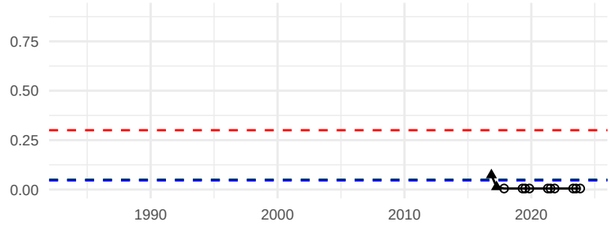
Groundwater Elevation (ft) :



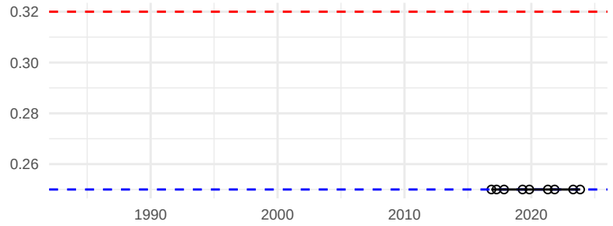
Bromide (mg/L) :



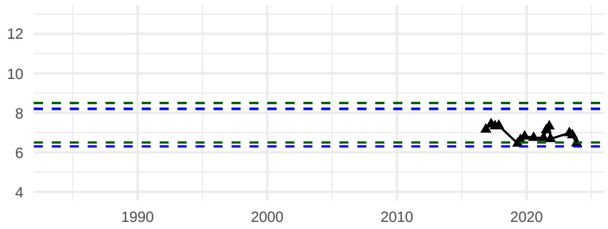
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



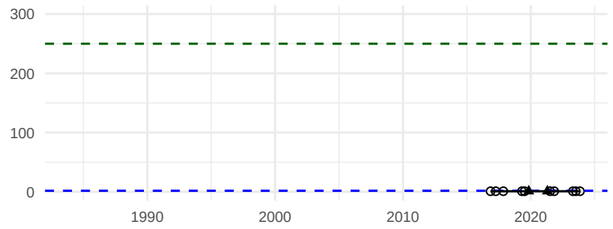
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



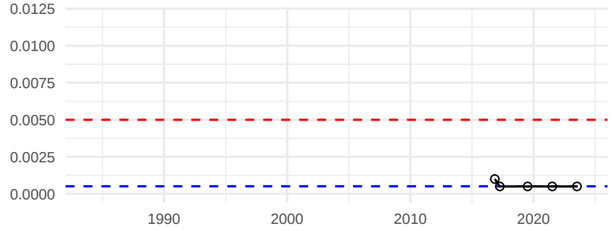
pH (SU) :
SMCL: 6.5 − 8.5 SU



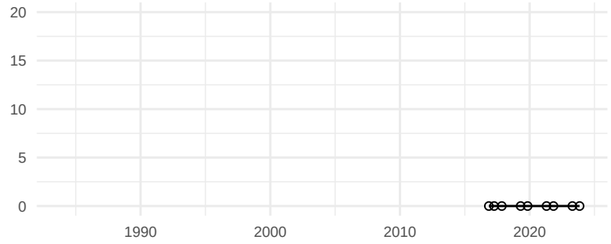
Chloride (mg/L) :
SMCL: 250 mg/L



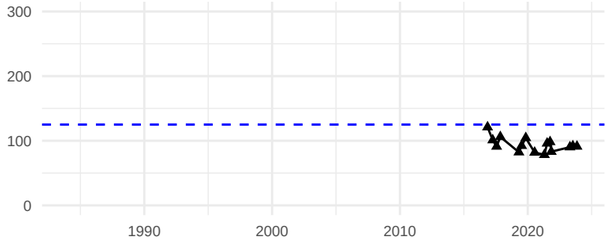
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



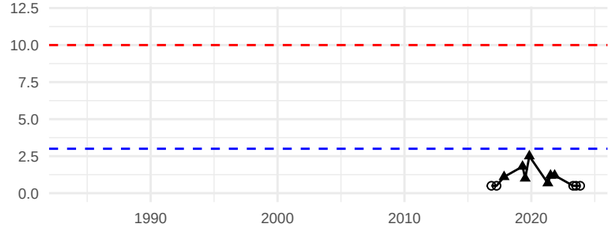
Total VOCs (ug/L) :



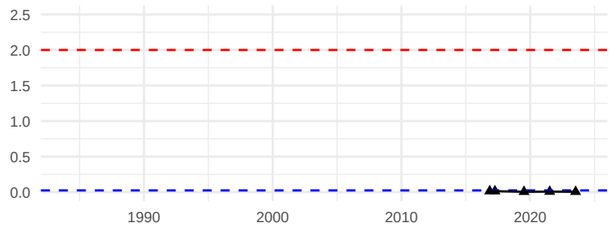
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



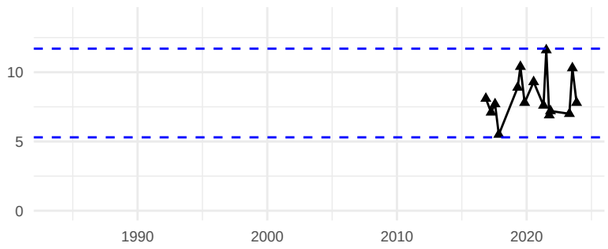
Result

- Detect
- Non−Detect

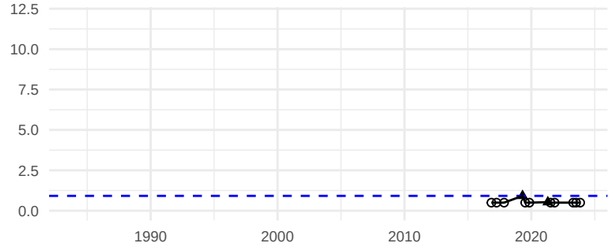
Standard

- AGQS
- SMCL
- Background

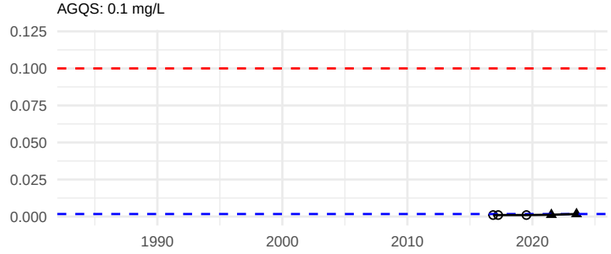
Temperature (C) :

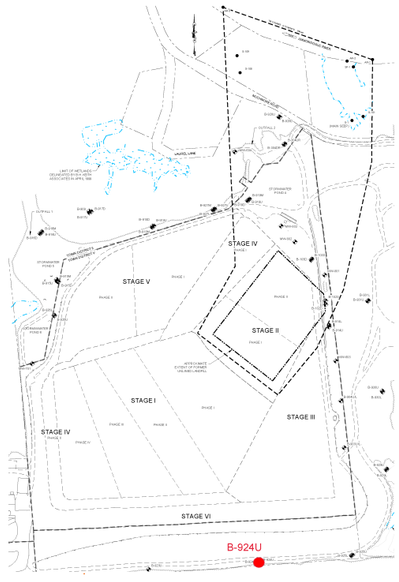


Total Kjeldahl Nitrogen (TKN) (mg/L) :

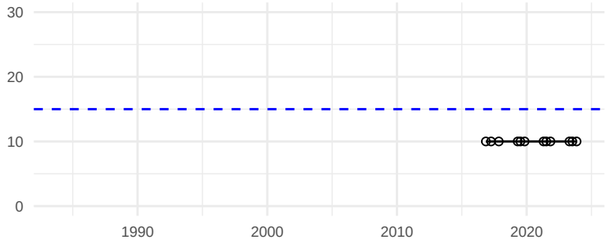


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

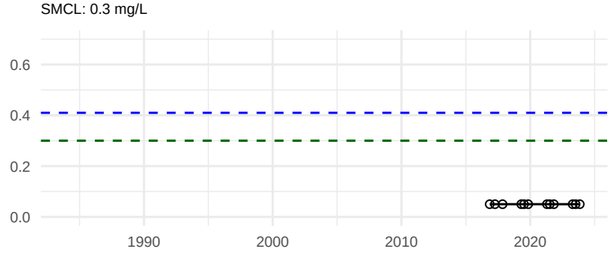




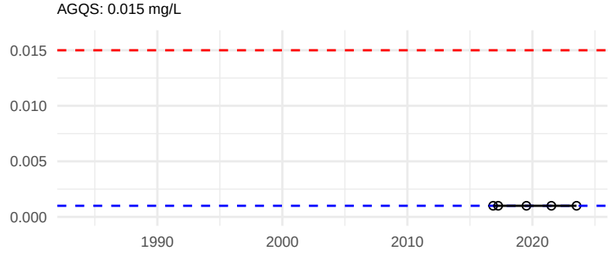
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

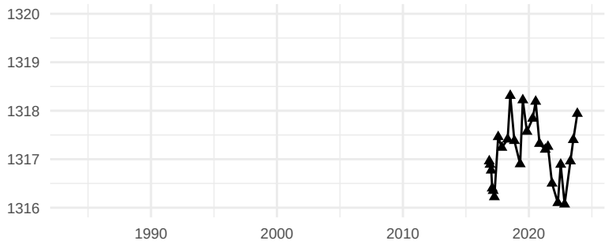


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

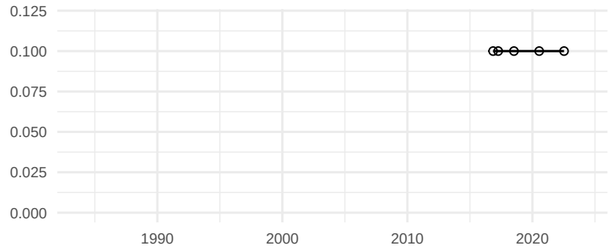


B−924L

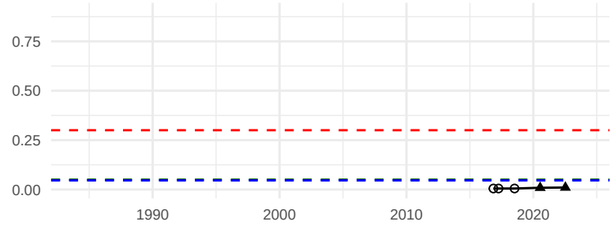
Groundwater Elevation (ft) :



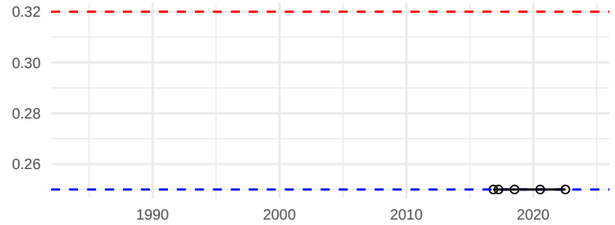
Bromide (mg/L) :



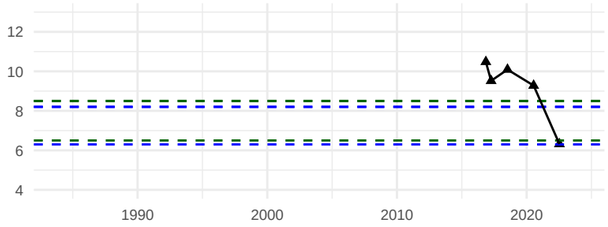
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



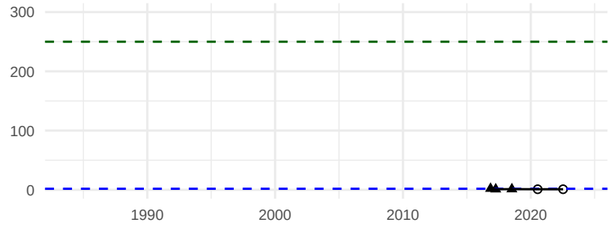
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 − 8.5 SU

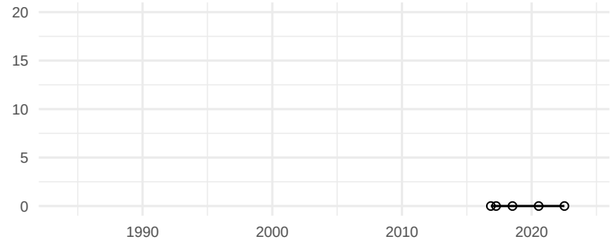


Chloride (mg/L) :
SMCL: 250 mg/L

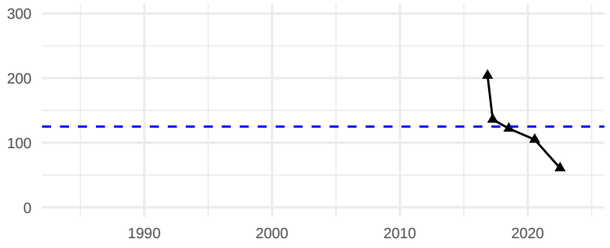


Dissolved Arsenic (mg/L) :
No Data

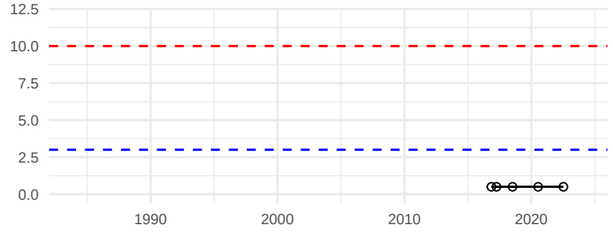
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
No Data

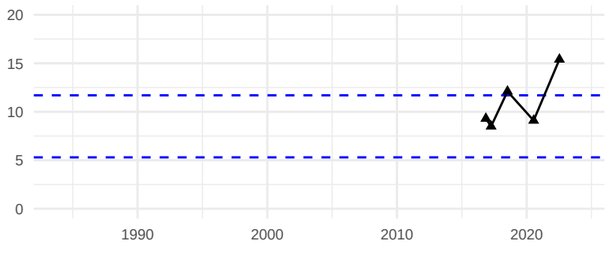
Result

- Detect
- Non−Detect

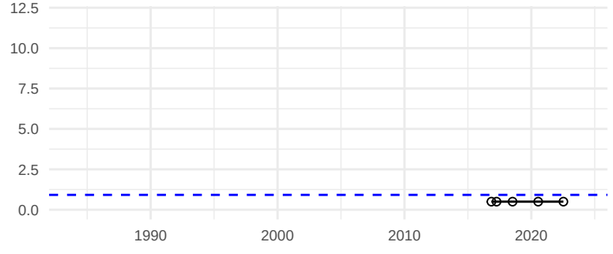
Standard

- AGQS
- SMCL
- Background

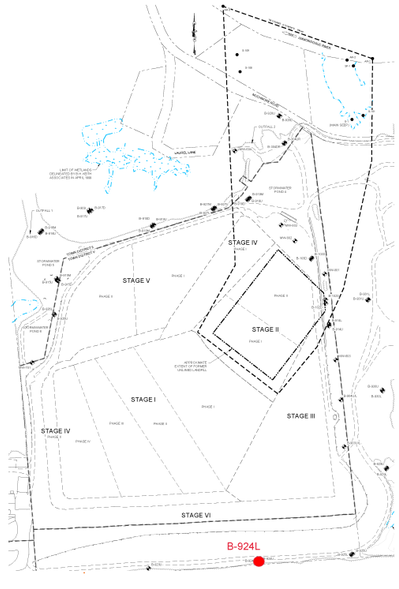
Temperature (C) :



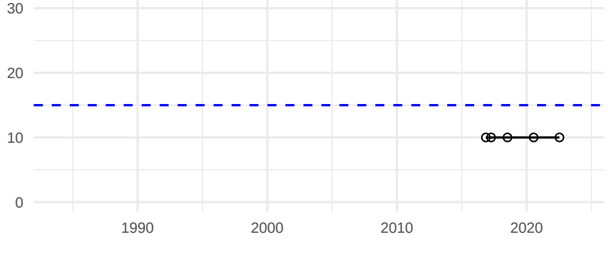
Total Kjeldahl Nitrogen (TKN) (mg/L) :



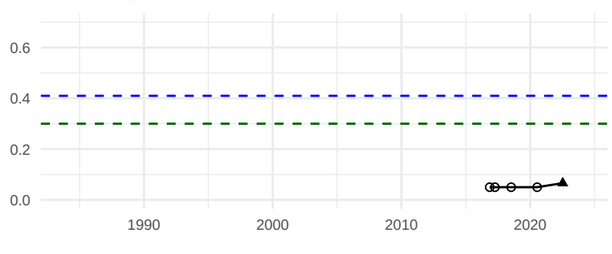
Dissolved Chromium (mg/L) :
No Data



Chemical Oxygen Demand (mg/L) :



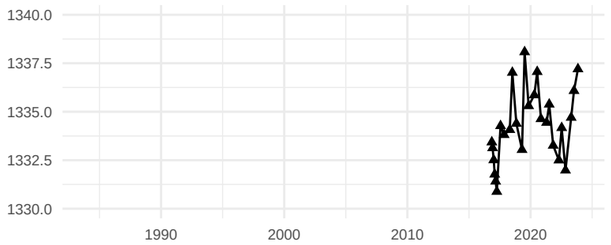
Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



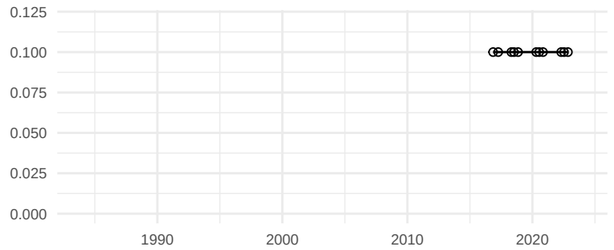
Dissolved Lead (mg/L) :
No Data

B−925U

Groundwater Elevation (ft) :

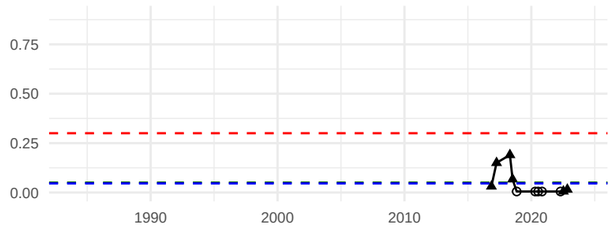


Bromide (mg/L) :



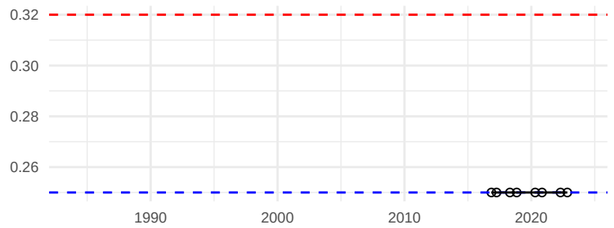
Dissolved Manganese (mg/L) :

AGQS: 0.3 mg/L SMCL: 0.05 mg/L



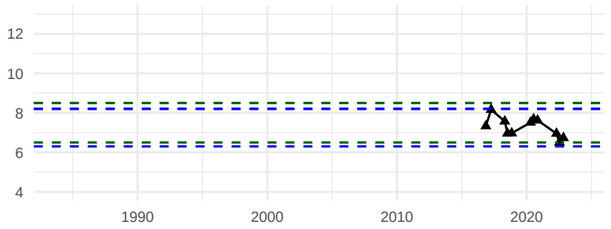
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



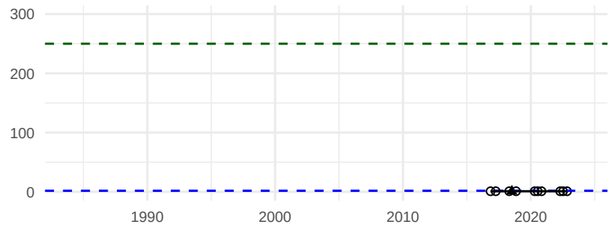
pH (SU) :

SMCL: 6.5 − 8.5 SU



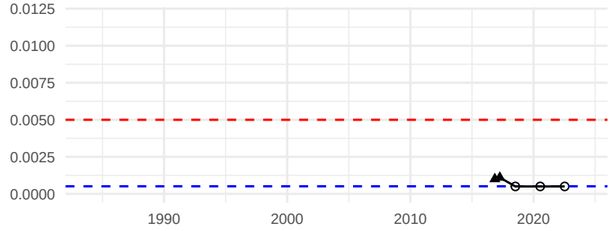
Chloride (mg/L) :

SMCL: 250 mg/L

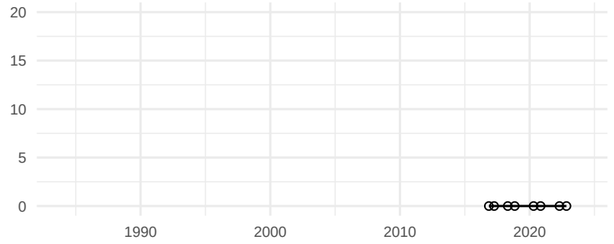


Dissolved Arsenic (mg/L) :

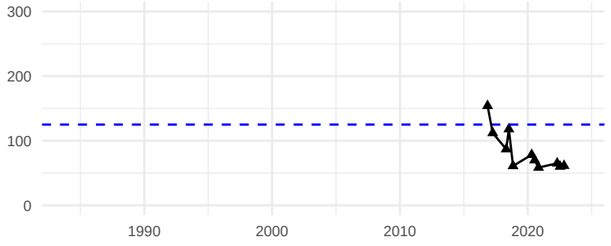
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

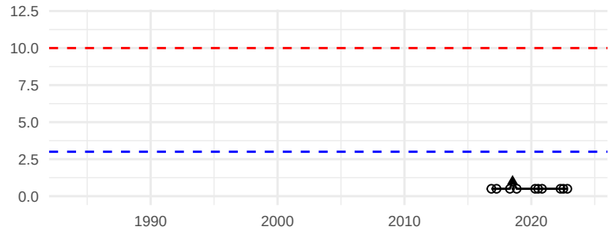


Specific Conductance (uS/cm) :



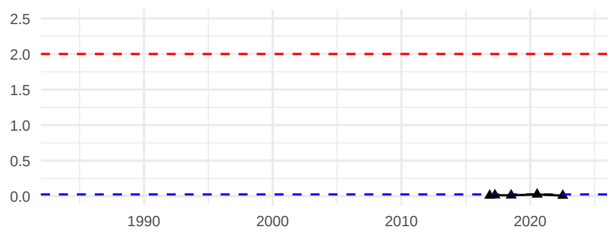
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



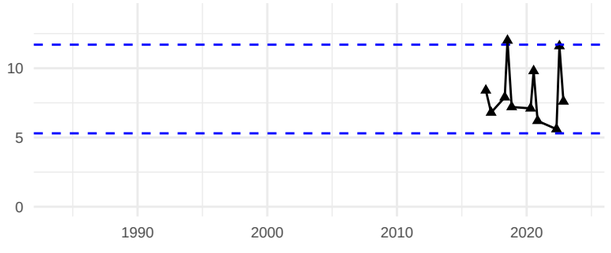
Result

- Detect
- Non−Detect

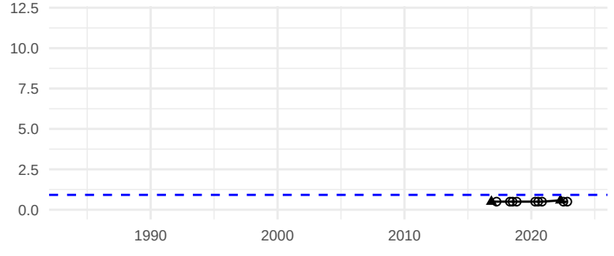
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

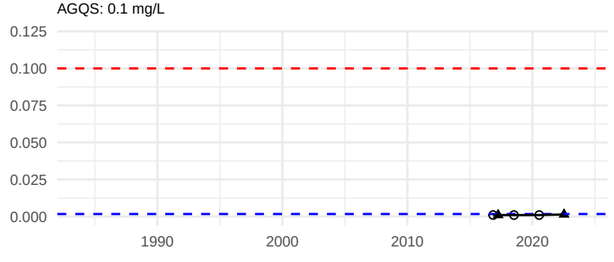


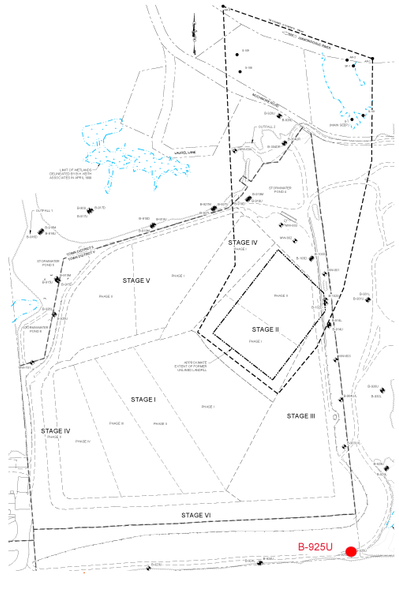
Total Kjeldahl Nitrogen (TKN) (mg/L) :



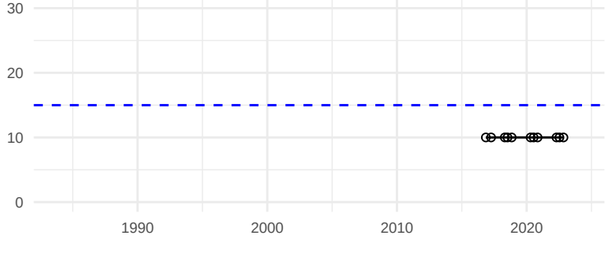
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



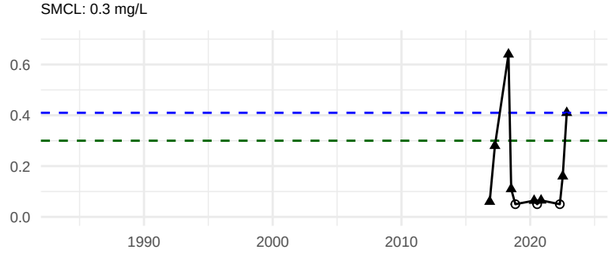


Chemical Oxygen Demand (mg/L) :



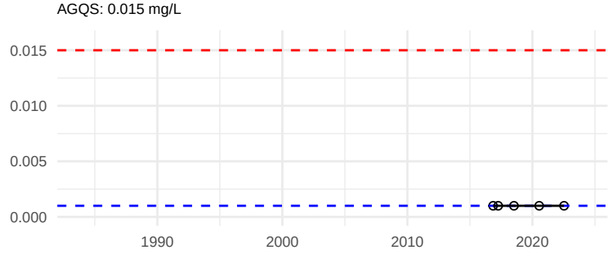
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



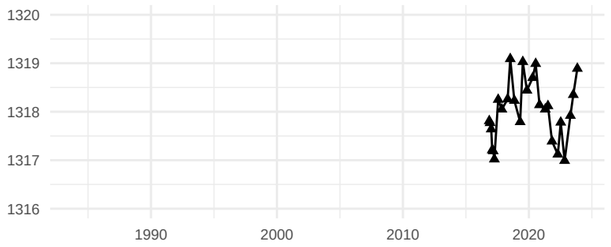
Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L

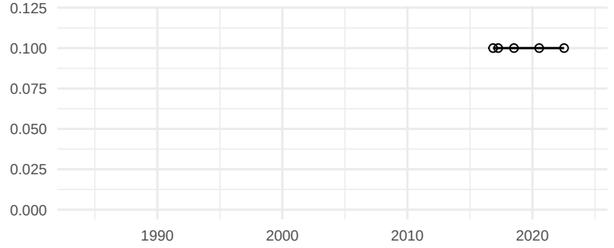


B−925L

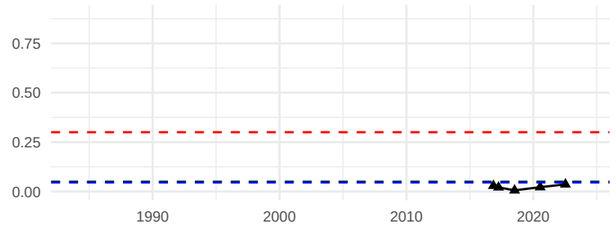
Groundwater Elevation (ft) :



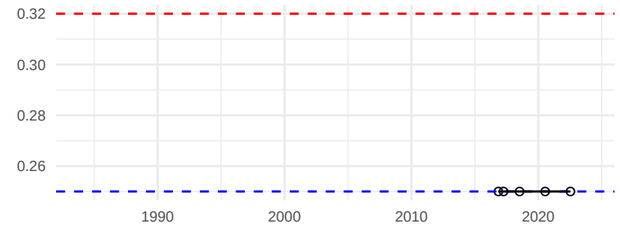
Bromide (mg/L) :



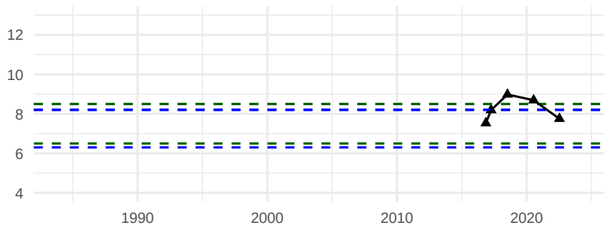
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



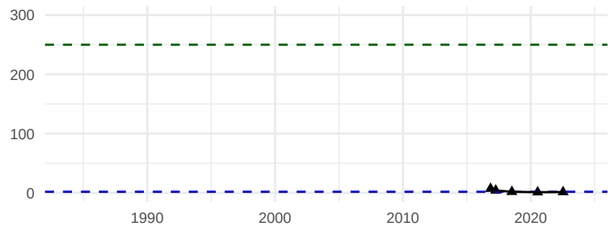
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 − 8.5 SU

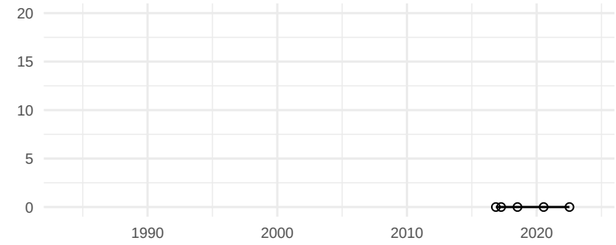


Chloride (mg/L) :
SMCL: 250 mg/L

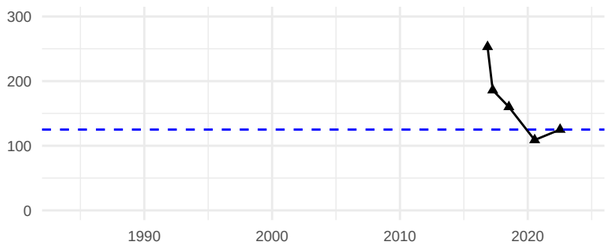


Dissolved Arsenic (mg/L) :
No Data

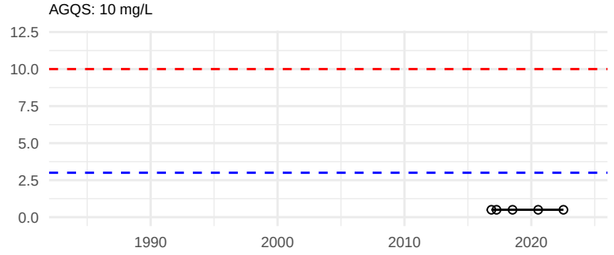
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
No Data

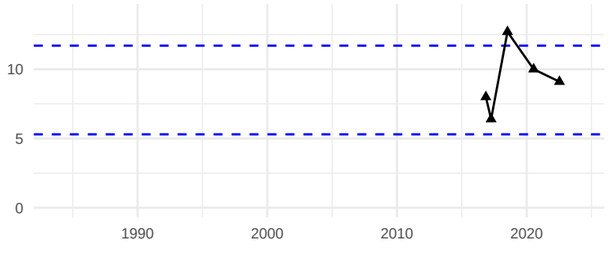
Result

- Detect
- Non−Detect

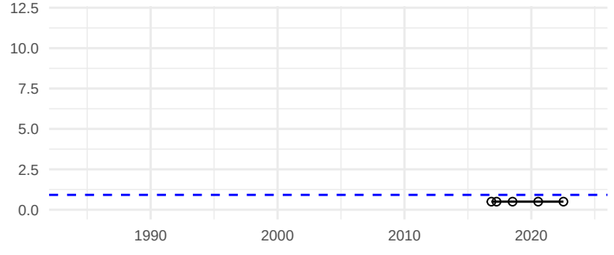
Standard

- AGQS
- SMCL
- Background

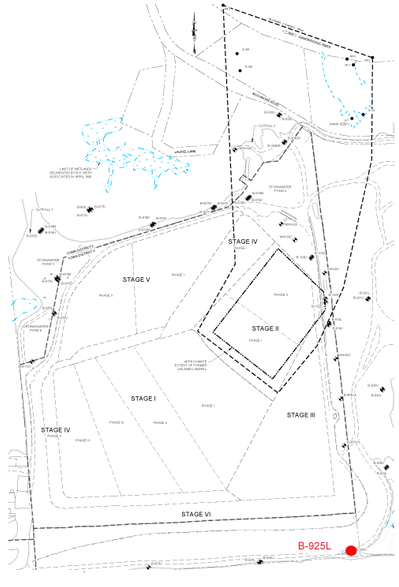
Temperature (C) :



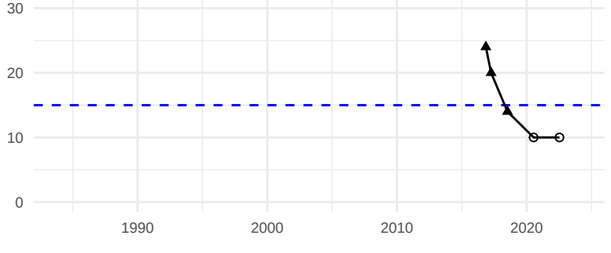
Total Kjeldahl Nitrogen (TKN) (mg/L) :



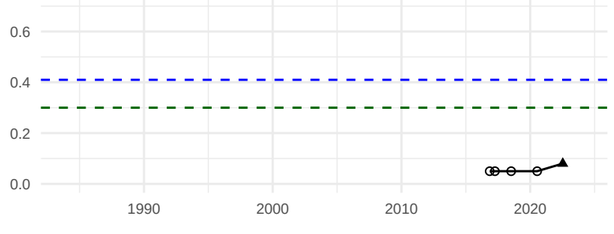
Dissolved Chromium (mg/L) :
No Data



Chemical Oxygen Demand (mg/L) :



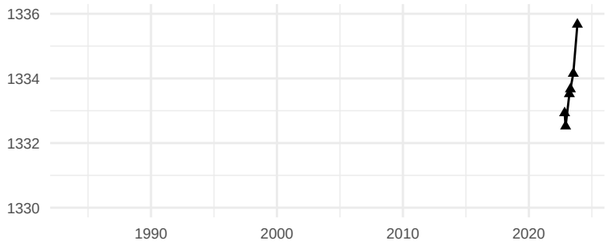
Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



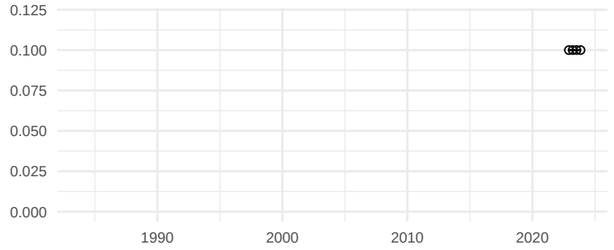
Dissolved Lead (mg/L) :
No Data

B−929U

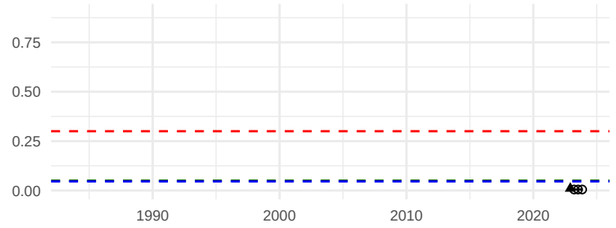
Groundwater Elevation (ft) :



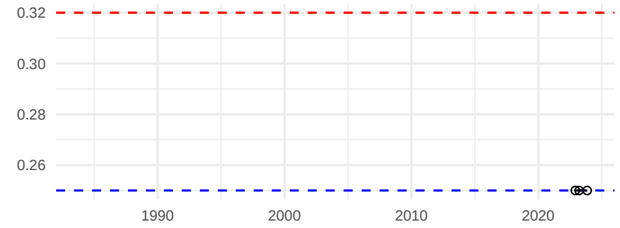
Bromide (mg/L) :



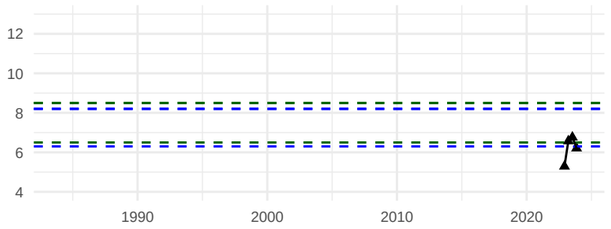
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



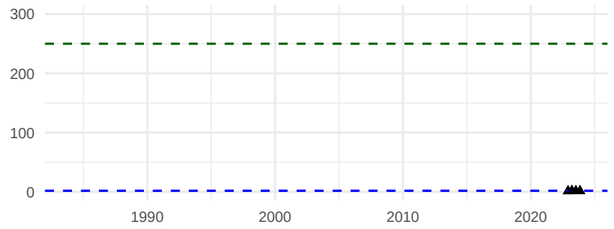
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



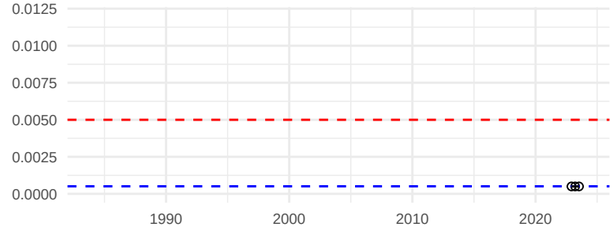
pH (SU) :
SMCL: 6.5 − 8.5 SU



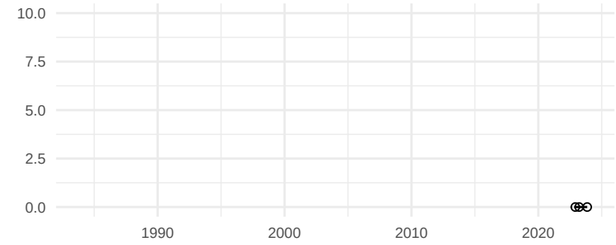
Chloride (mg/L) :
SMCL: 250 mg/L



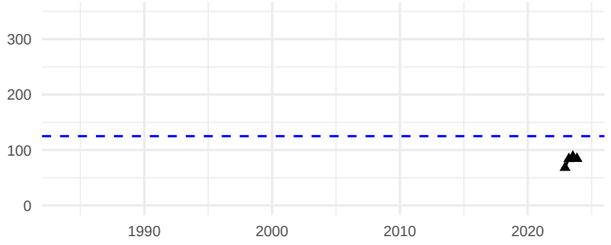
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



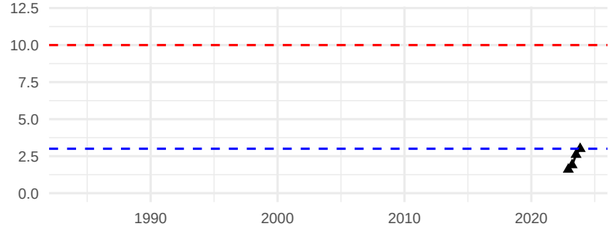
Total VOCs (ug/L) :



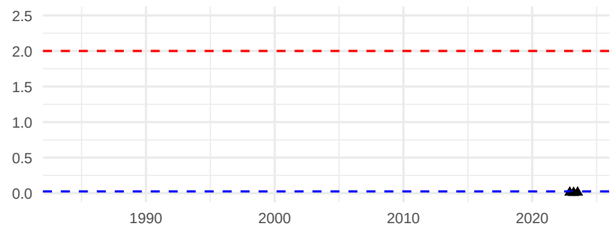
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



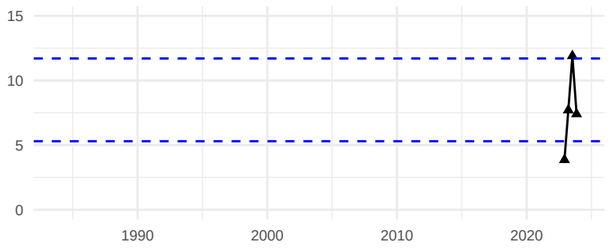
Result

- Detect
- Non−Detect

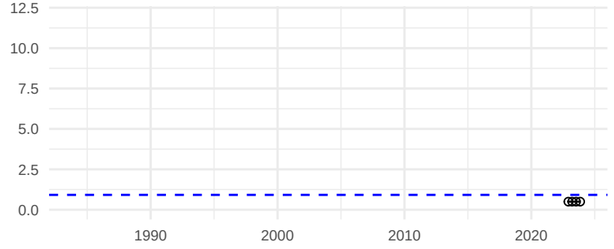
Standard

- AGQS
- SMCL
- Background

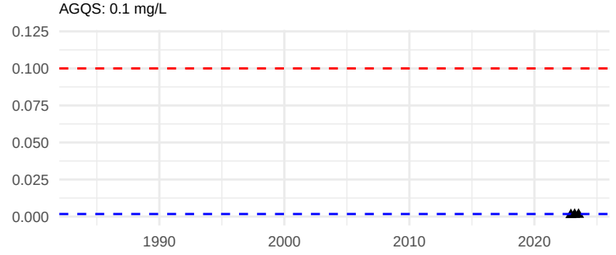
Temperature (C) :

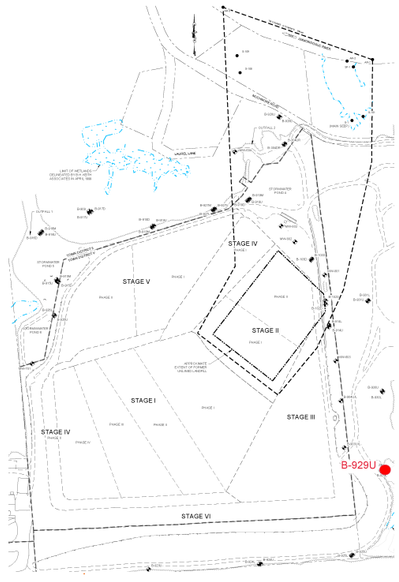


Total Kjeldahl Nitrogen (TKN) (mg/L) :

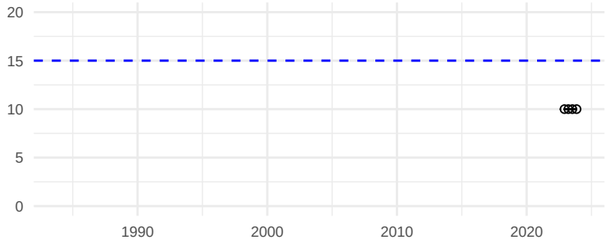


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

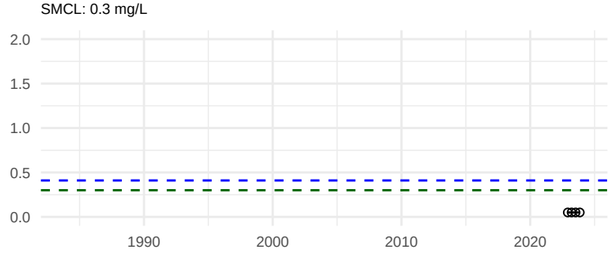




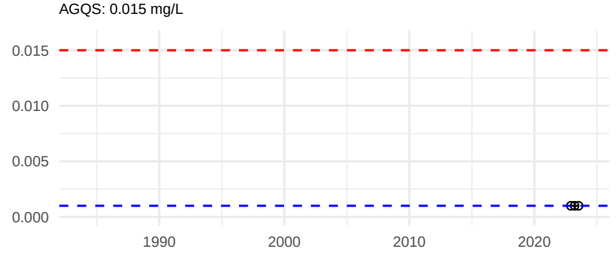
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



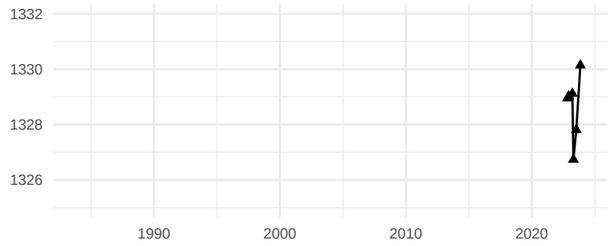
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



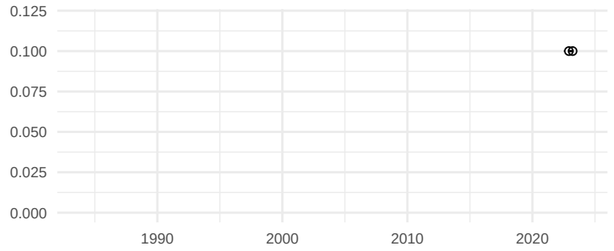
Sanborn, Head & Associates, Inc.

B−929L

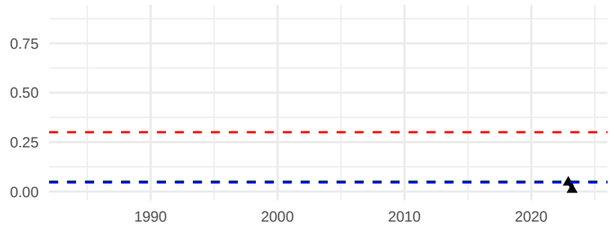
Groundwater Elevation (ft) :



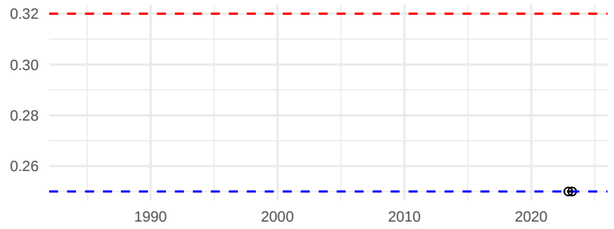
Bromide (mg/L) :



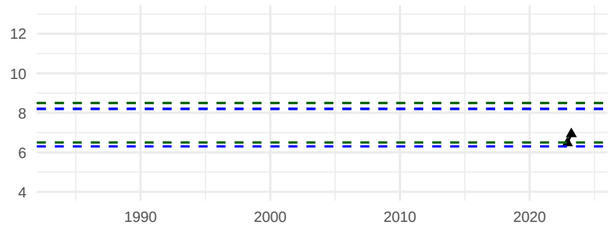
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



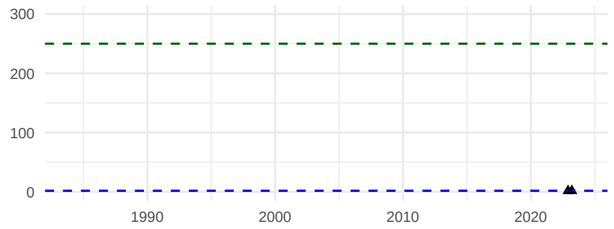
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



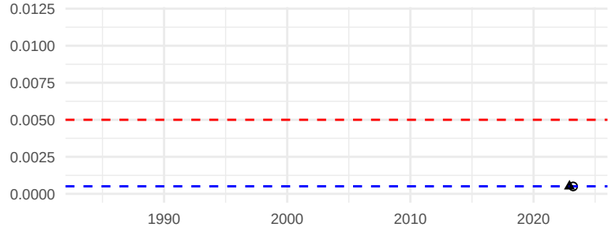
pH (SU) :
SMCL: 6.5 − 8.5 SU



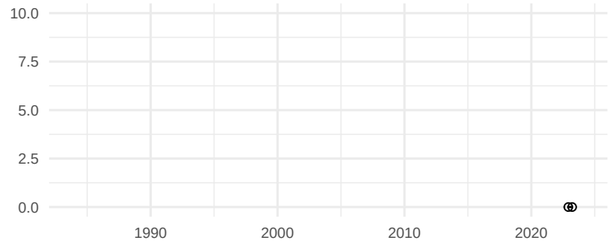
Chloride (mg/L) :
SMCL: 250 mg/L



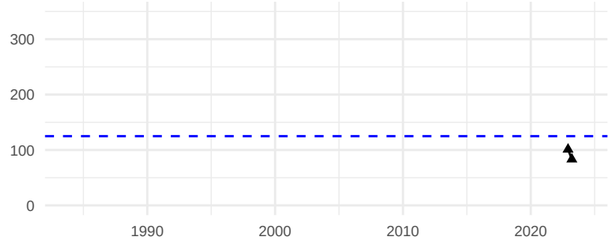
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



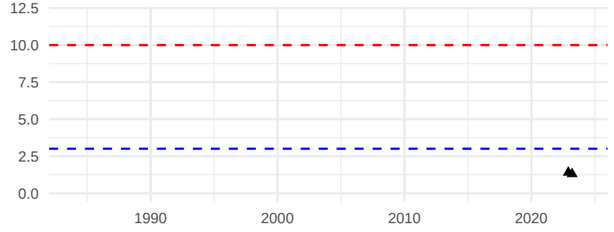
Total VOCs (ug/L) :



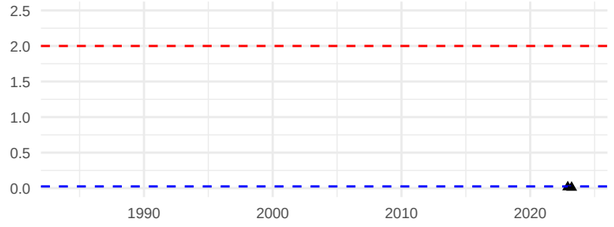
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



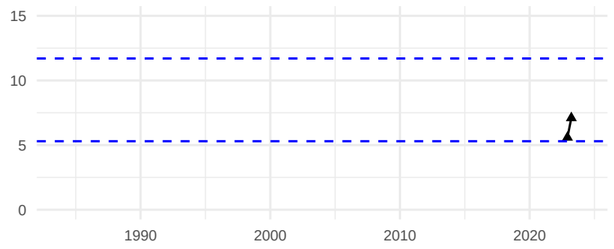
Result

- Detect
- Non−Detect

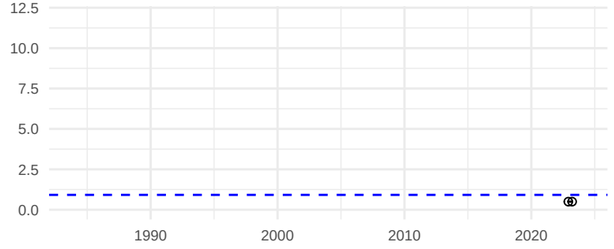
Standard

- AGQS
- SMCL
- Background

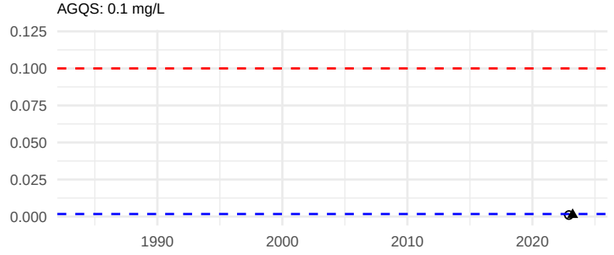
Temperature (C) :

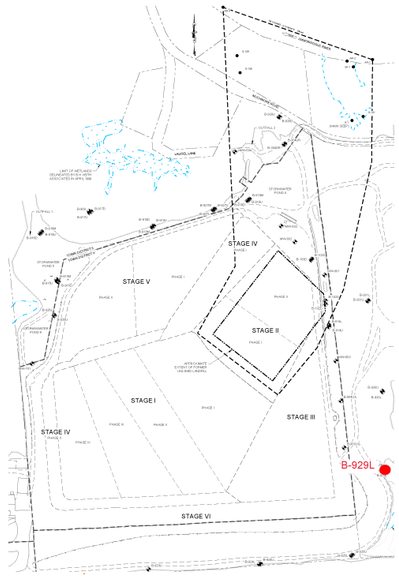


Total Kjeldahl Nitrogen (TKN) (mg/L) :

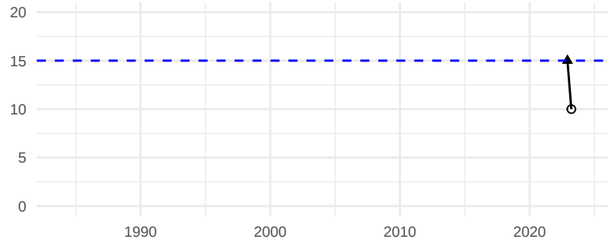


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

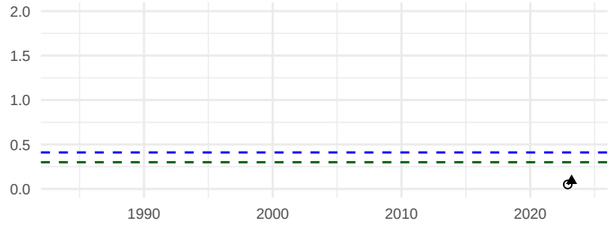




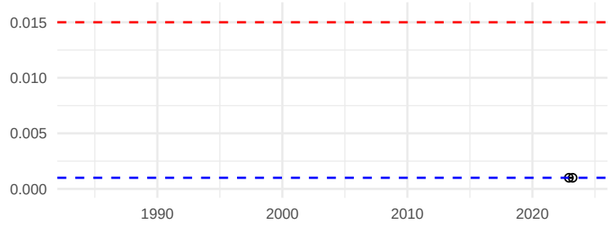
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

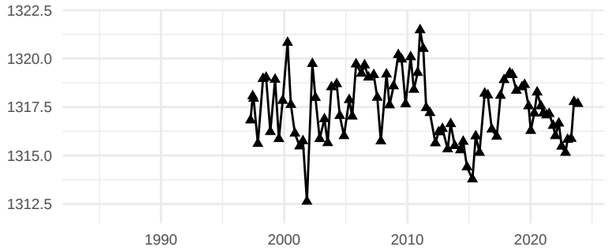


Release Detection Wells Outside the GMZ

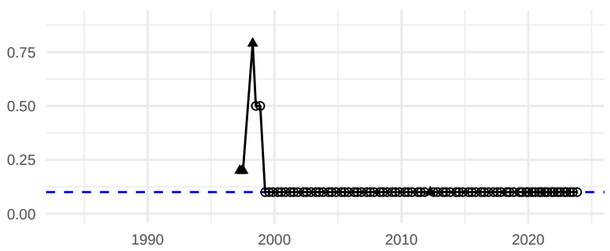
SANBORN HEAD

MW−701

Groundwater Elevation (ft) :

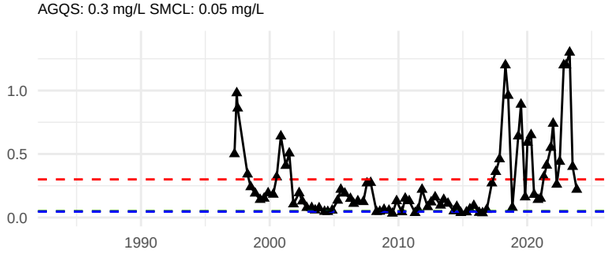


Bromide (mg/L) :



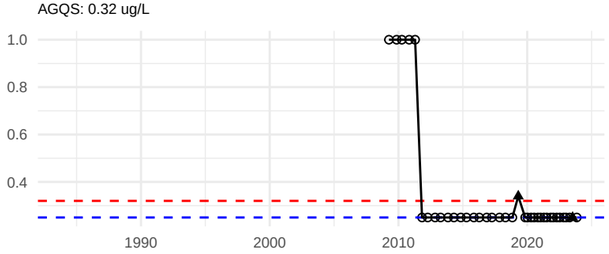
Dissolved Manganese (mg/L) :

AGQS: 0.3 mg/L SMCL: 0.05 mg/L



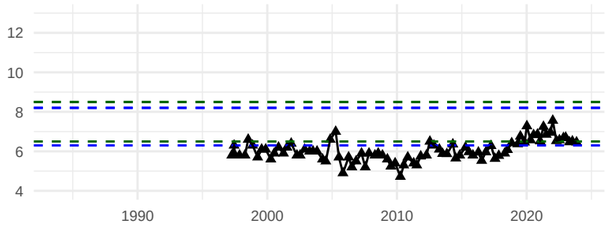
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



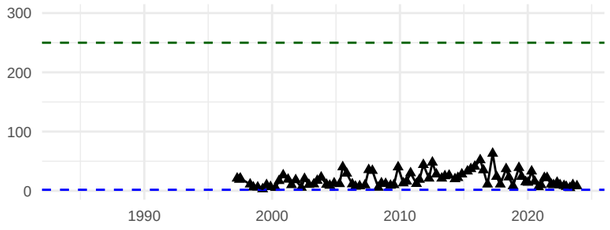
pH (SU) :

SMCL: 6.5 − 8.5 SU



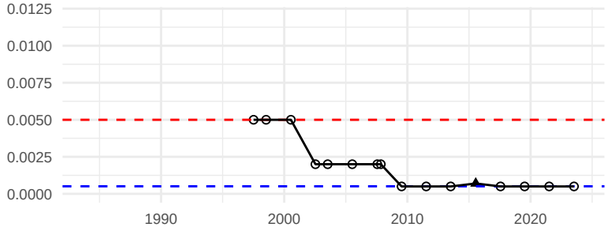
Chloride (mg/L) :

SMCL: 250 mg/L

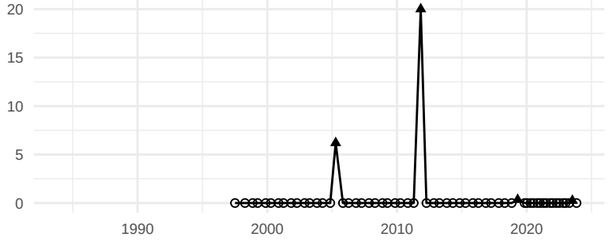


Dissolved Arsenic (mg/L) :

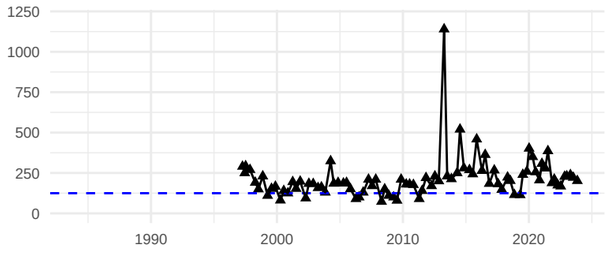
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

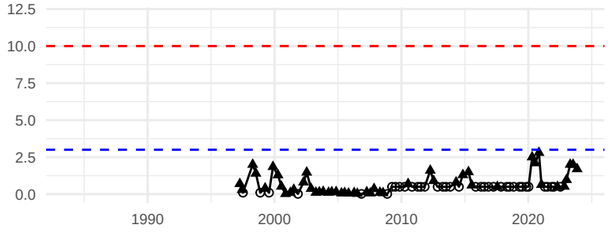


Specific Conductance (uS/cm) :



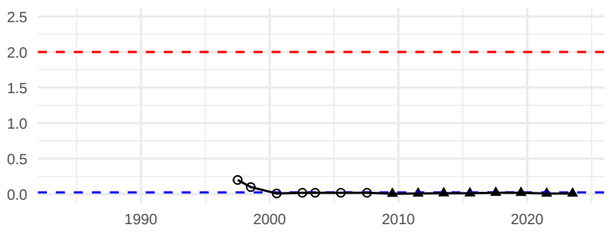
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



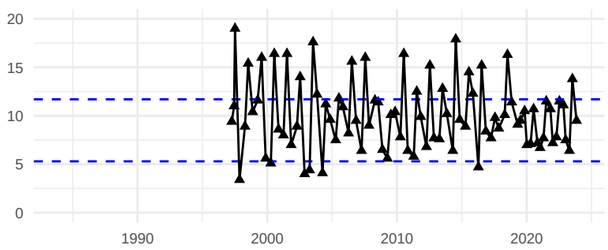
Result

- Detect
- Non−Detect

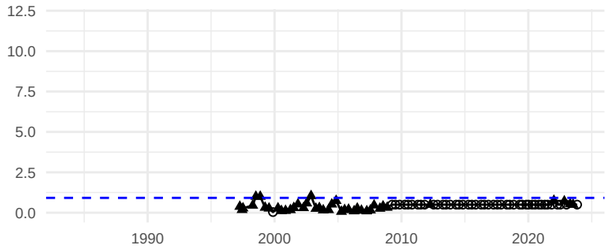
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

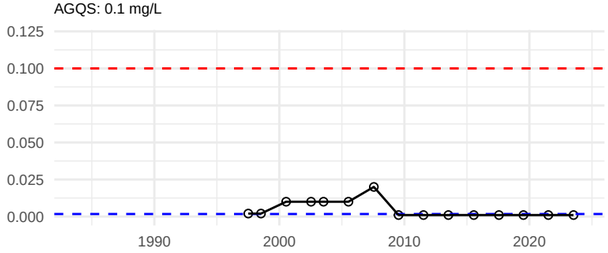


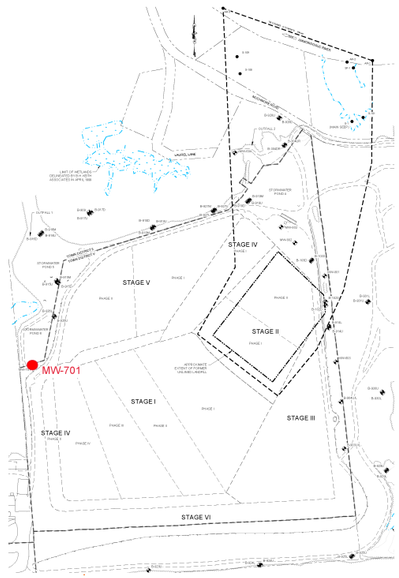
Total Kjeldahl Nitrogen (TKN) (mg/L) :



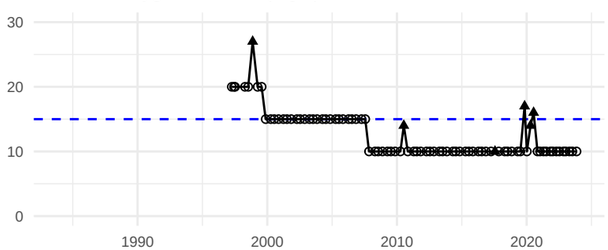
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



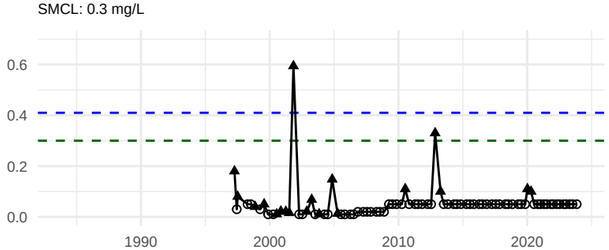


Chemical Oxygen Demand (mg/L) :



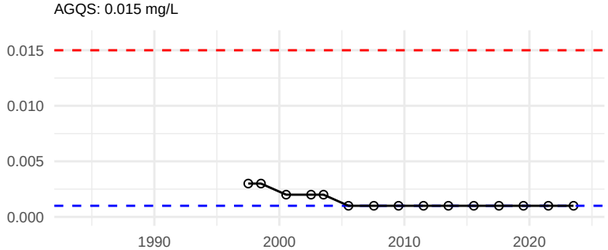
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



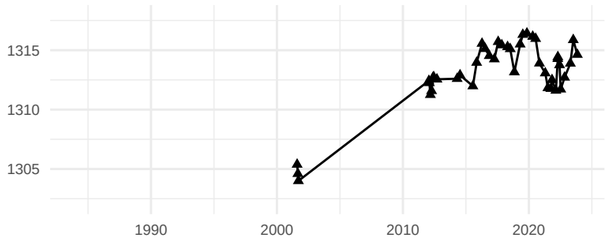
Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L

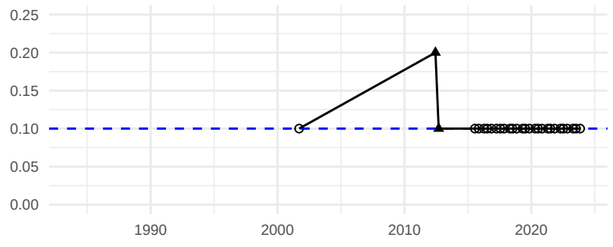


B−915U

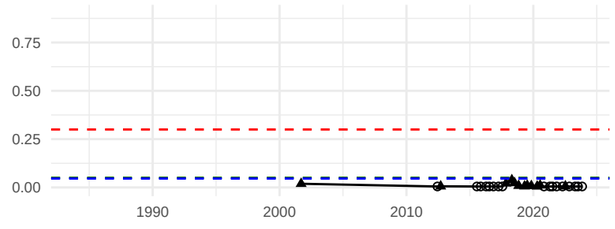
Groundwater Elevation (ft) :



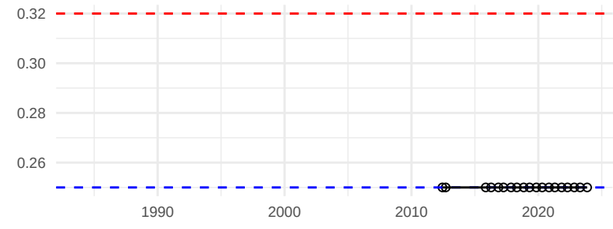
Bromide (mg/L) :



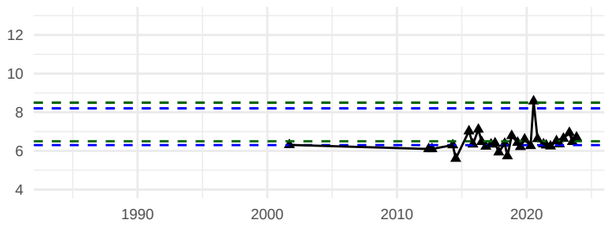
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



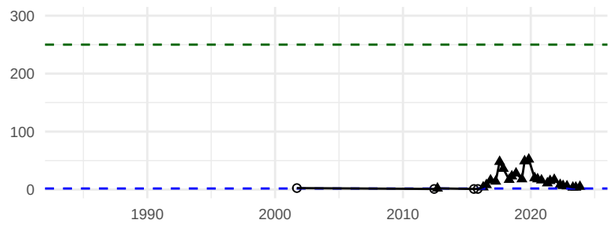
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



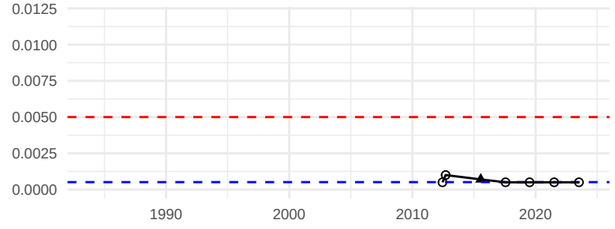
pH (SU) :
SMCL: 6.5 − 8.5 SU



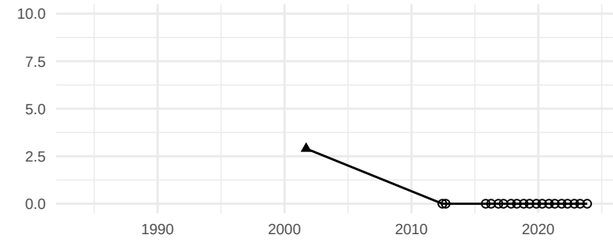
Chloride (mg/L) :
SMCL: 250 mg/L



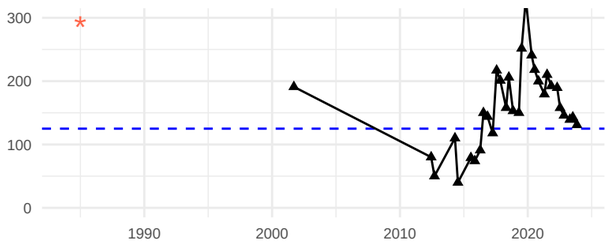
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



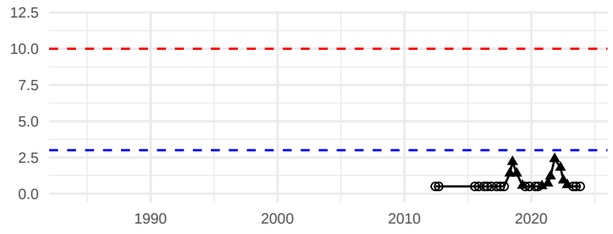
Total VOCs (ug/L) :



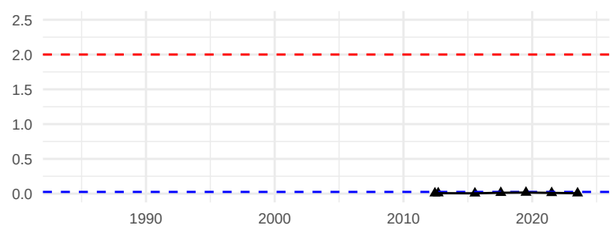
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



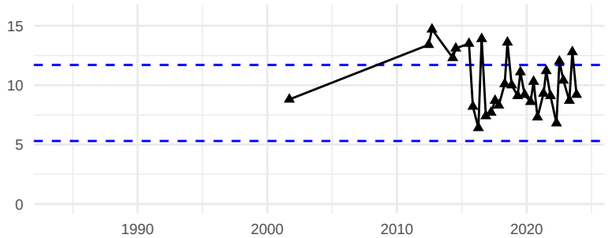
Result

- Detect
- Non−Detect

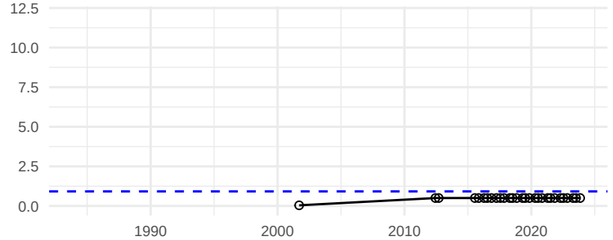
Standard

- AGQS
- SMCL
- Background

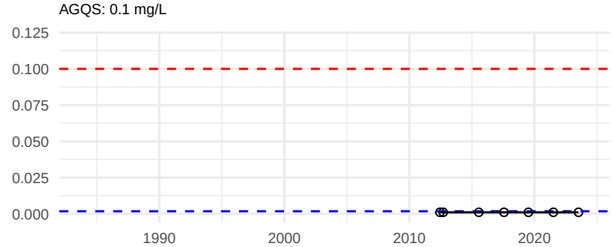
Temperature (C) :

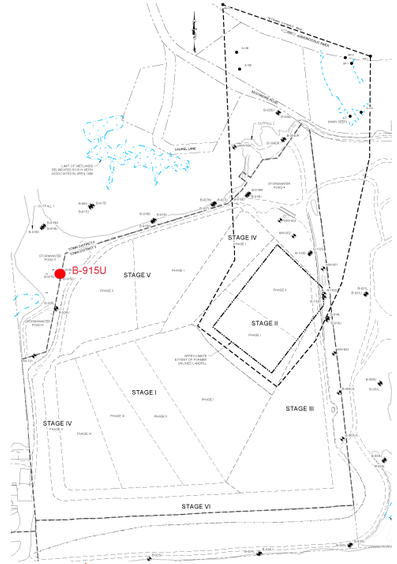


Total Kjeldahl Nitrogen (TKN) (mg/L) :

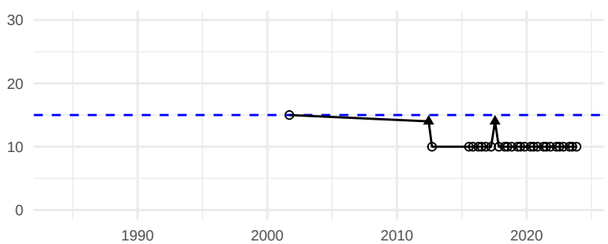


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

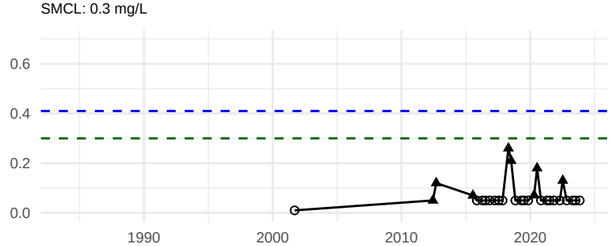




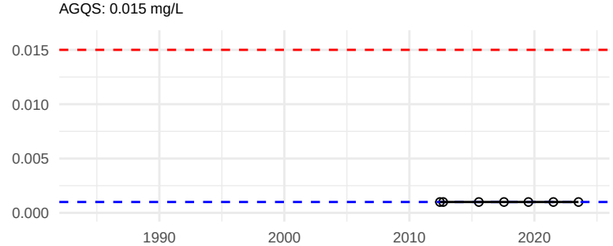
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

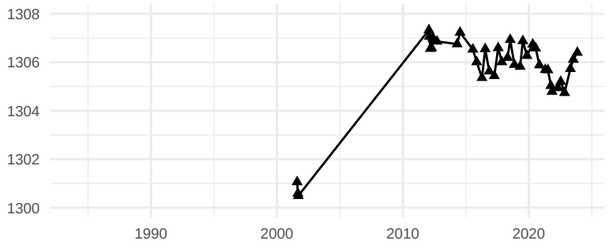


* indicates one or more data points plot outside concentration range shown

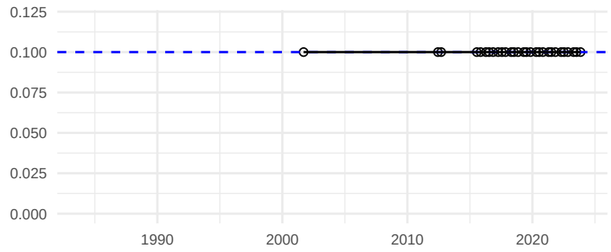
Sanborn, Head & Associates, Inc.

B−915M

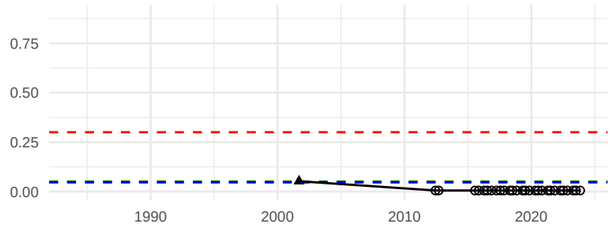
Groundwater Elevation (ft) :



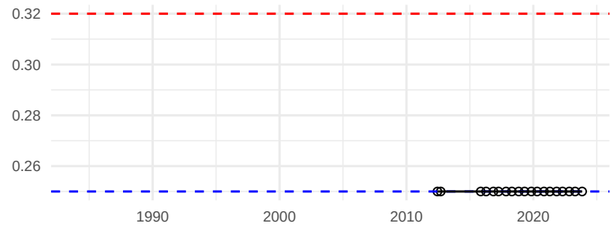
Bromide (mg/L) :



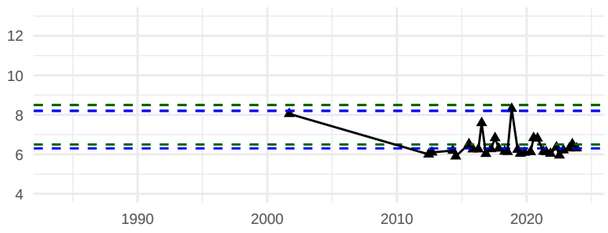
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



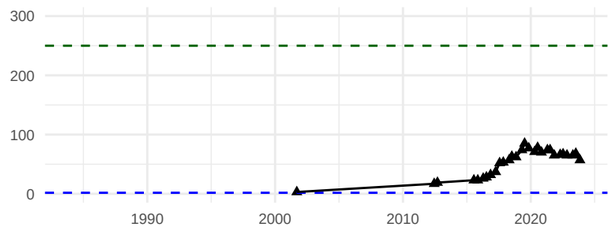
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



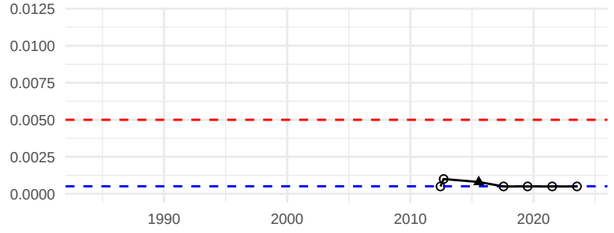
pH (SU) :
SMCL: 6.5 − 8.5 SU



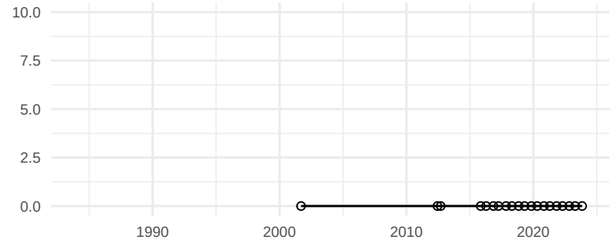
Chloride (mg/L) :
SMCL: 250 mg/L



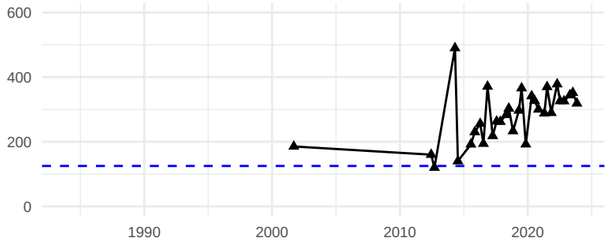
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



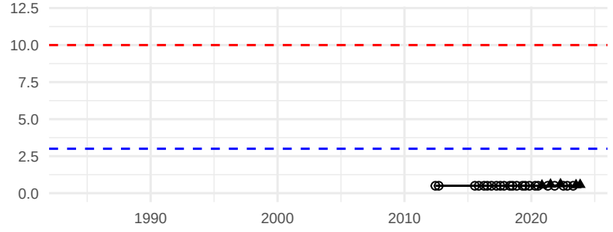
Total VOCs (ug/L) :



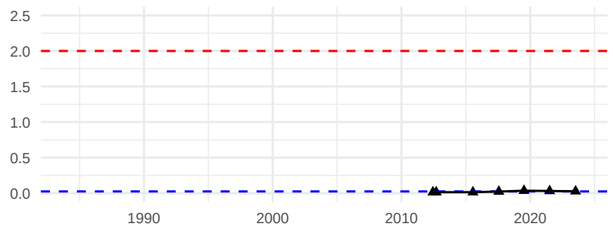
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



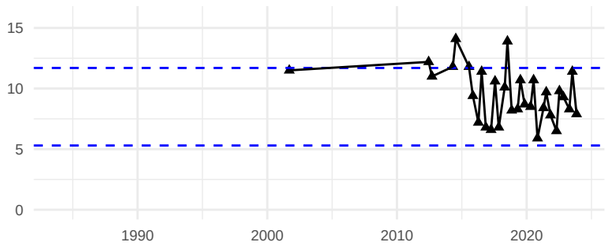
Result

- Detect
- Non−Detect

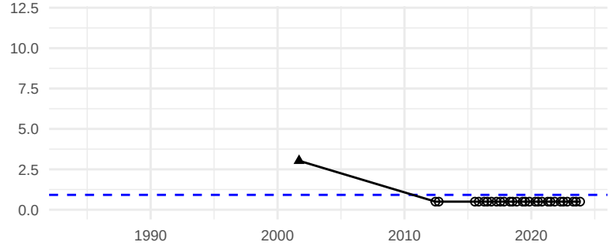
Standard

- AGQS
- SMCL
- Background

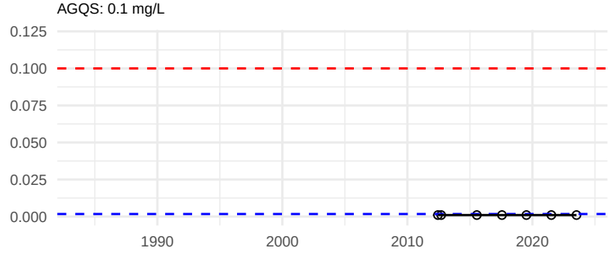
Temperature (C) :

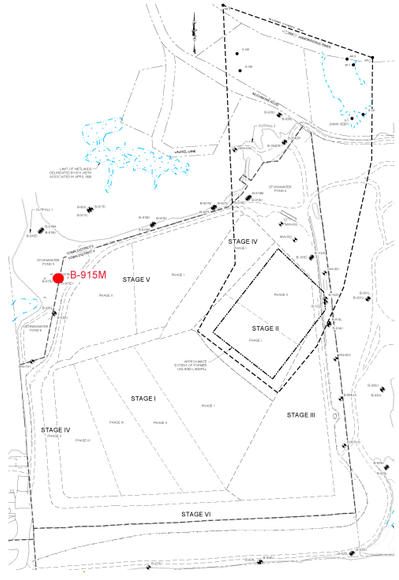


Total Kjeldahl Nitrogen (TKN) (mg/L) :

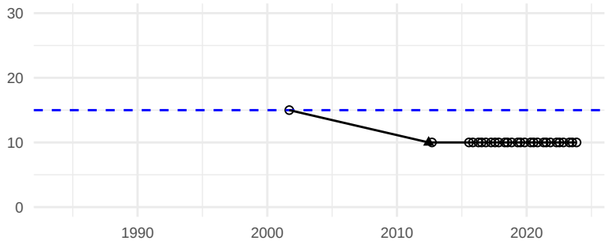


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

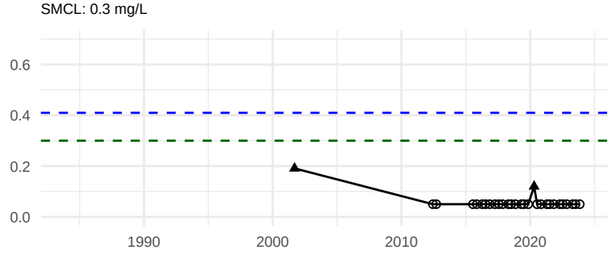




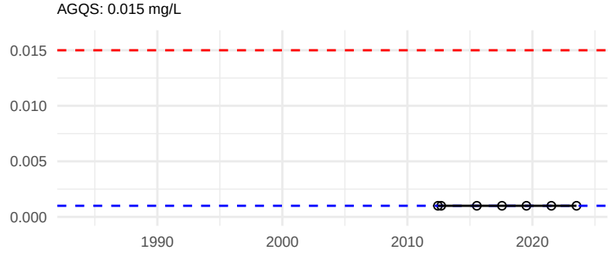
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



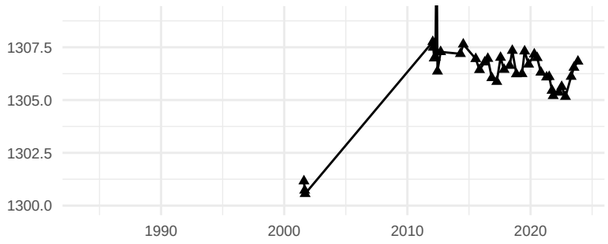
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



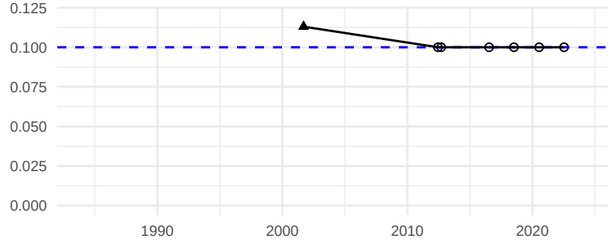
Sanborn, Head & Associates, Inc.

B−915D

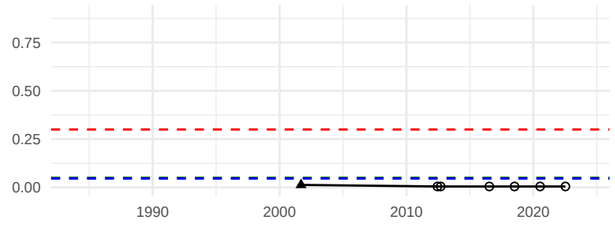
Groundwater Elevation (ft) :



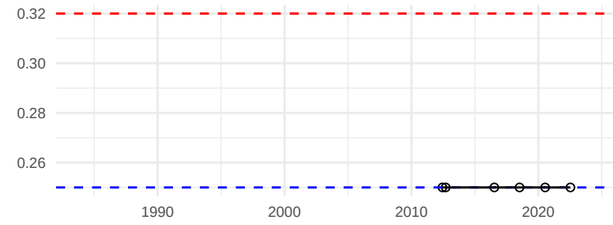
Bromide (mg/L) :



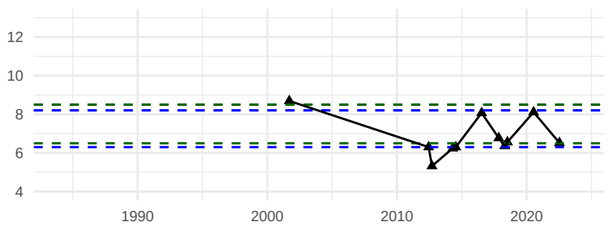
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



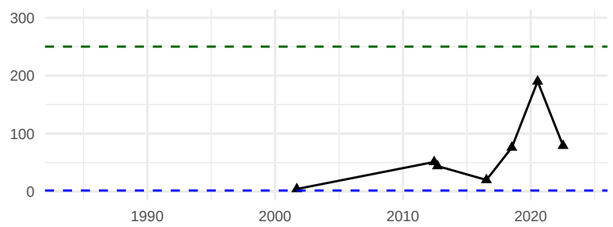
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



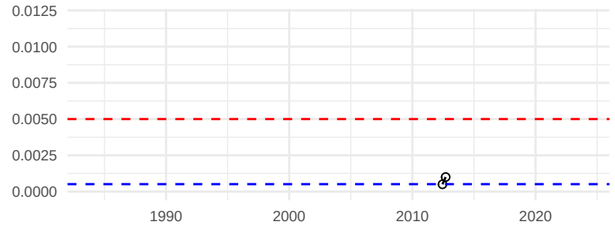
pH (SU) :
SMCL: 6.5 − 8.5 SU



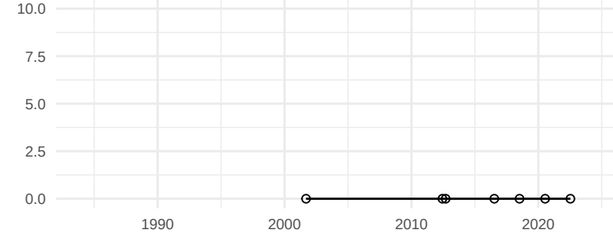
Chloride (mg/L) :
SMCL: 250 mg/L



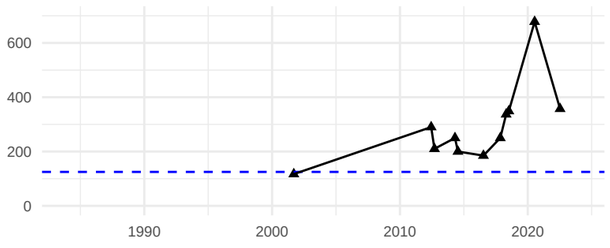
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



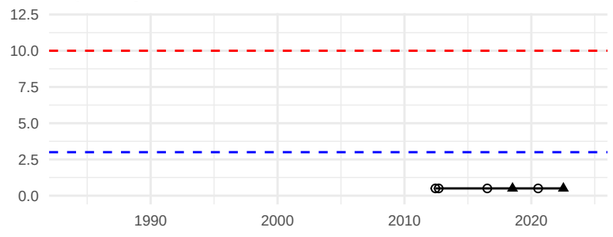
Total VOCs (ug/L) :



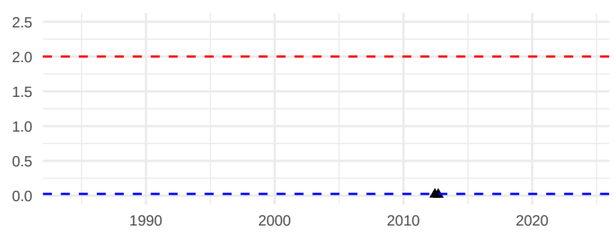
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



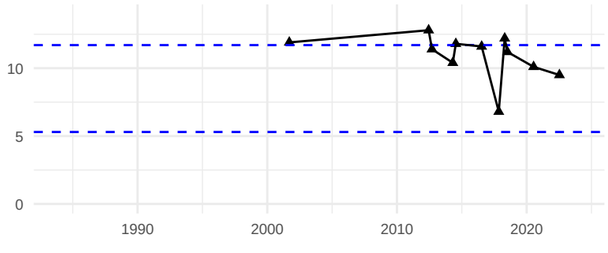
Result

- Detect
- Non−Detect

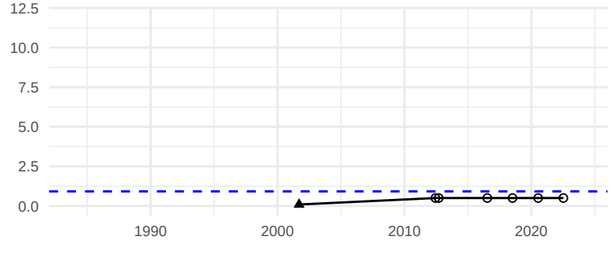
Standard

- AGQS
- SMCL
- Background

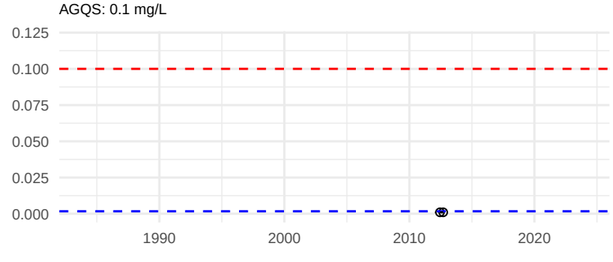
Temperature (C) :

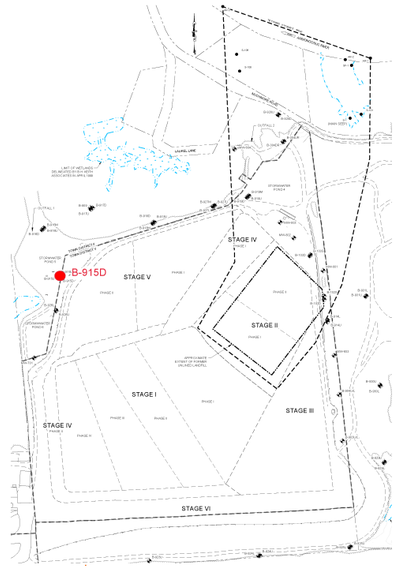


Total Kjeldahl Nitrogen (TKN) (mg/L) :

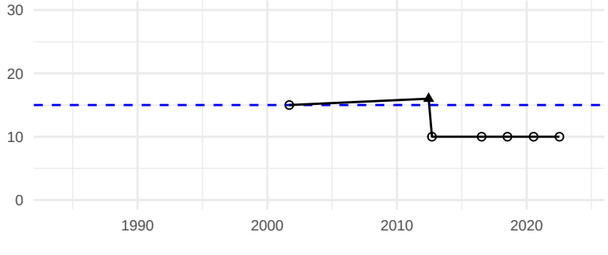


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

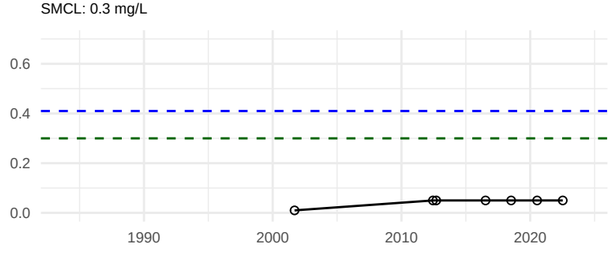




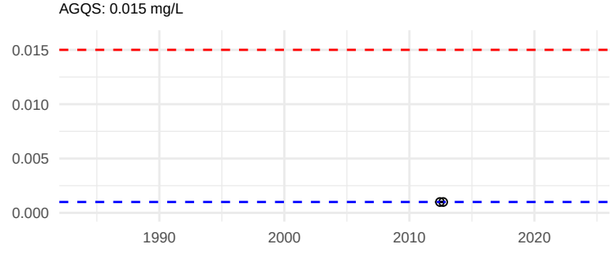
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

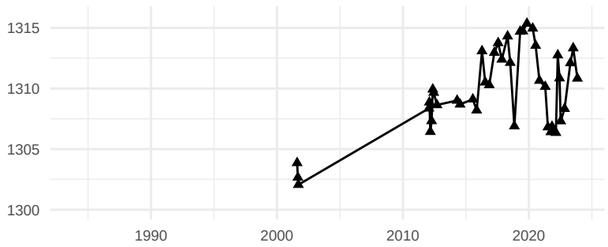


* indicates one or more data points plot outside concentration range shown

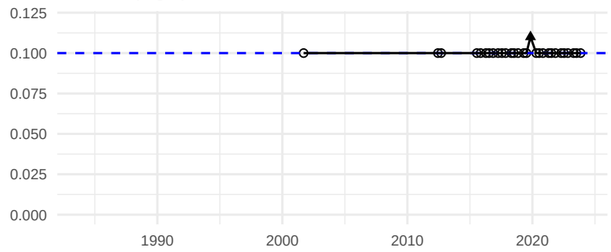
Sanborn, Head & Associates, Inc.

B−916U

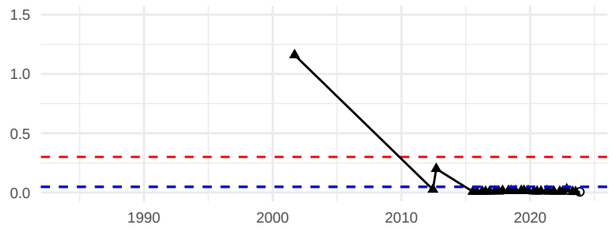
Groundwater Elevation (ft) :



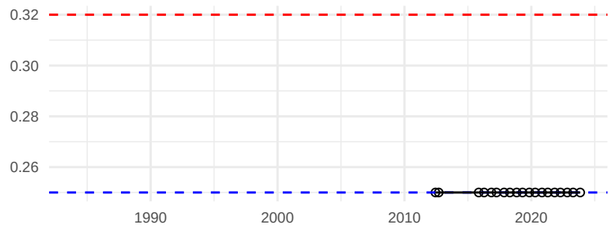
Bromide (mg/L) :



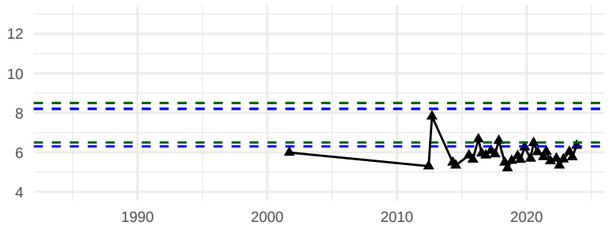
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



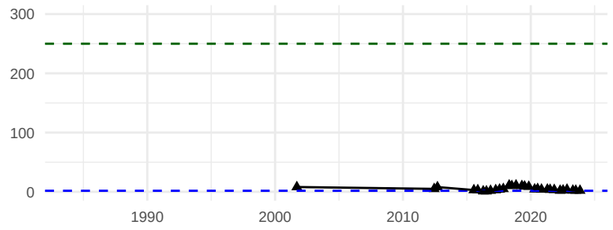
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



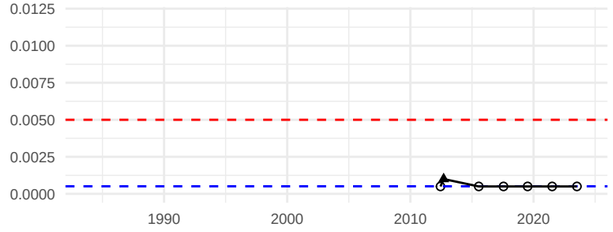
pH (SU) :
SMCL: 6.5 − 8.5 SU



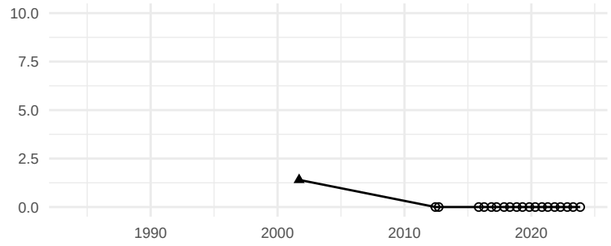
Chloride (mg/L) :
SMCL: 250 mg/L



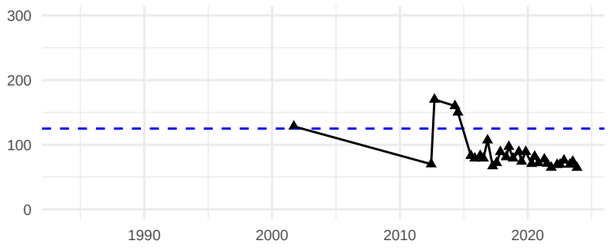
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



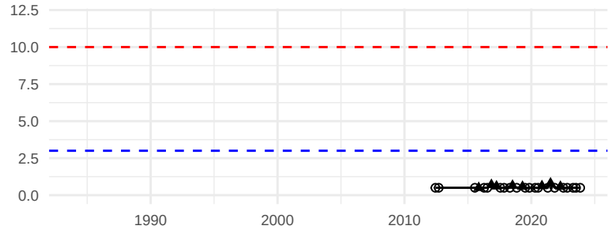
Total VOCs (ug/L) :



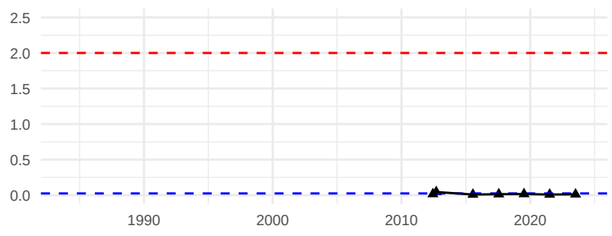
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



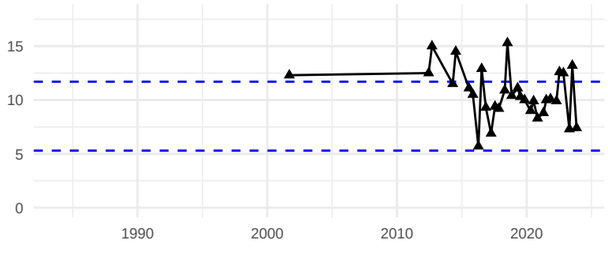
Result

- Detect
- Non−Detect

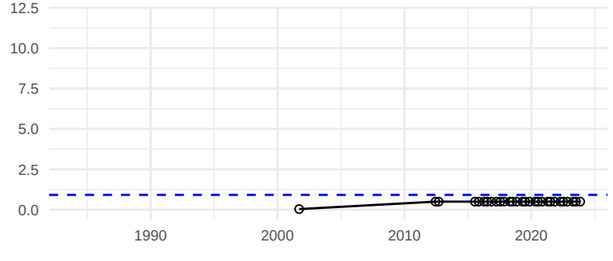
Standard

- AGQS
- SMCL
- Background

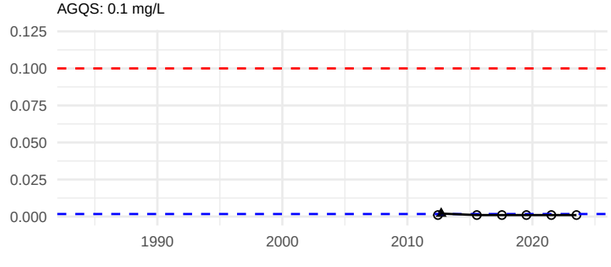
Temperature (C) :

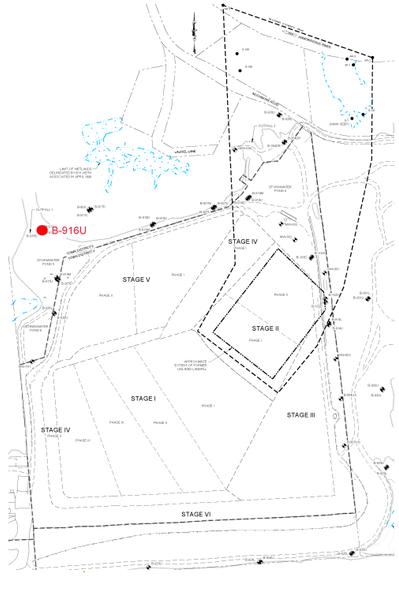


Total Kjeldahl Nitrogen (TKN) (mg/L) :

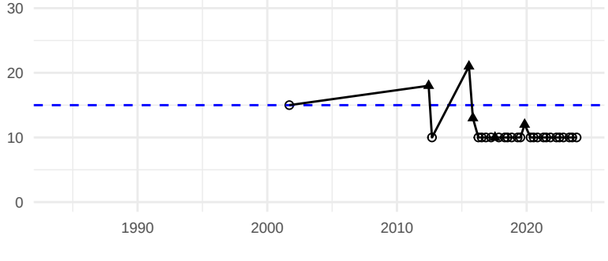


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

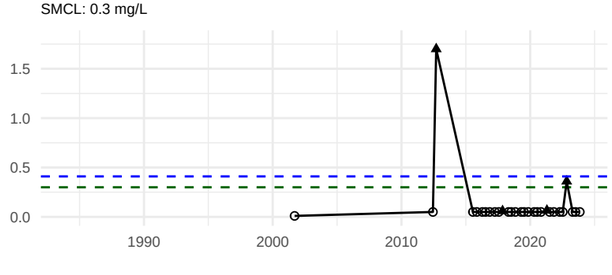




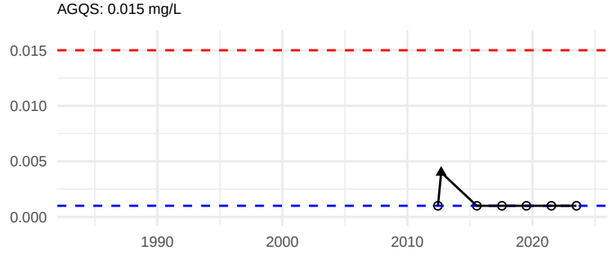
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



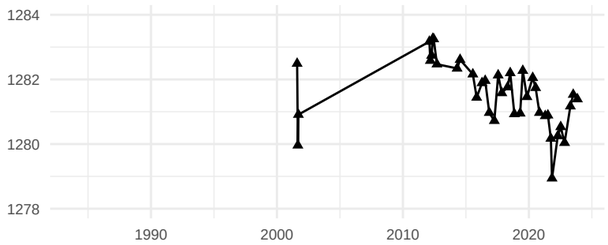
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



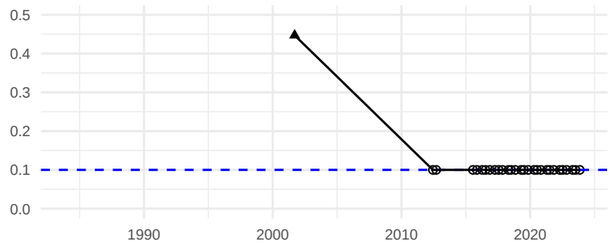
Sanborn, Head & Associates, Inc.

B−916M

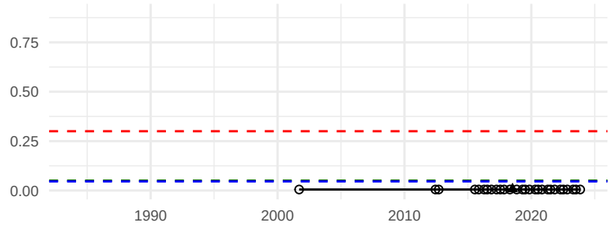
Groundwater Elevation (ft) :



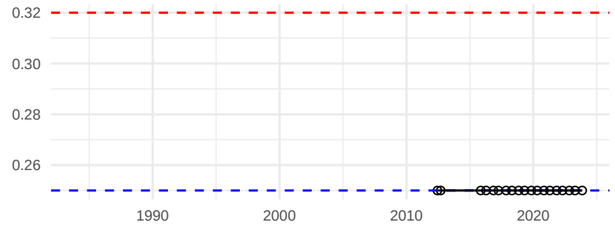
Bromide (mg/L) :



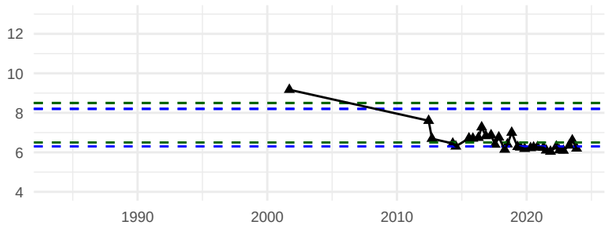
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



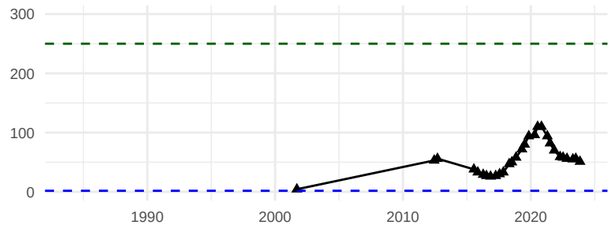
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



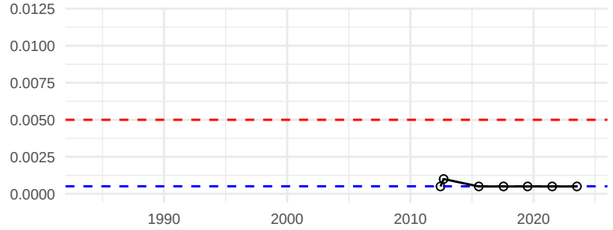
pH (SU) :
SMCL: 6.5 − 8.5 SU



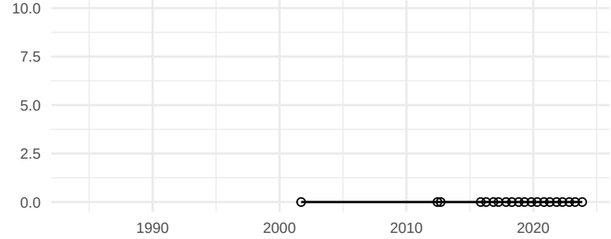
Chloride (mg/L) :
SMCL: 250 mg/L



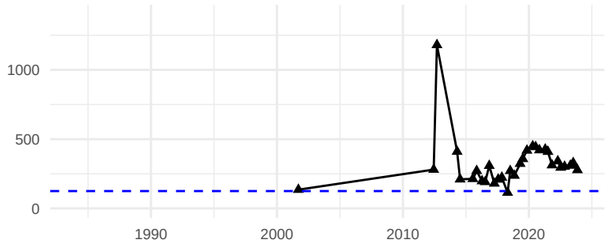
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



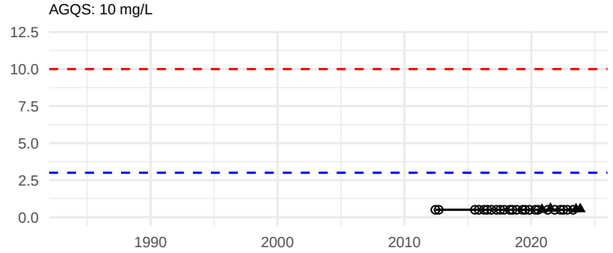
Total VOCs (ug/L) :



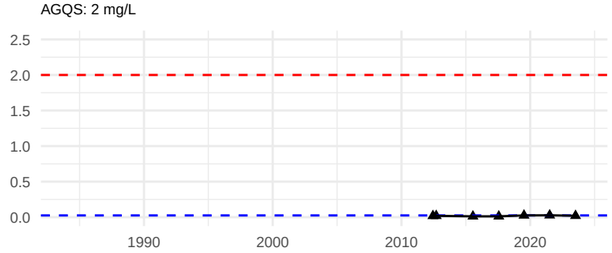
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



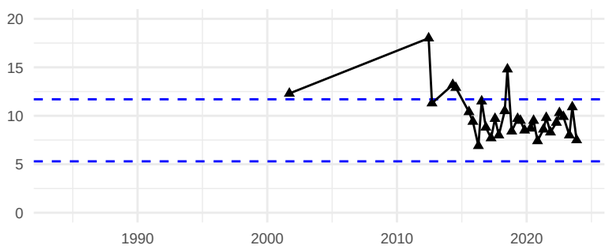
Result

- Detect
- Non−Detect

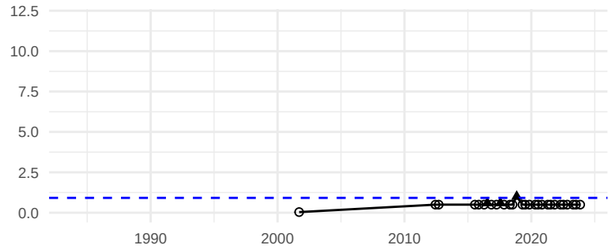
Standard

- AGQS
- SMCL
- Background

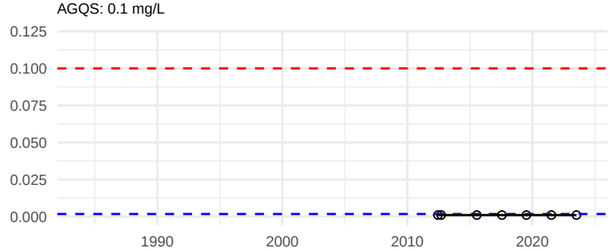
Temperature (C) :

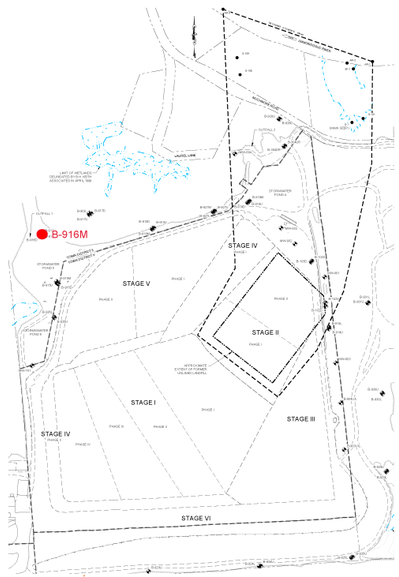


Total Kjeldahl Nitrogen (TKN) (mg/L) :

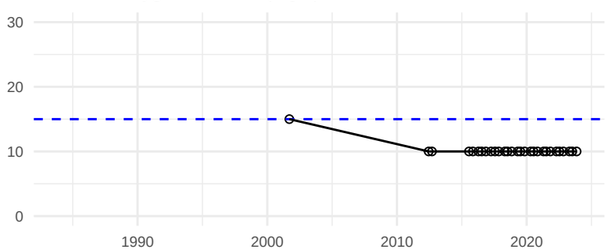


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

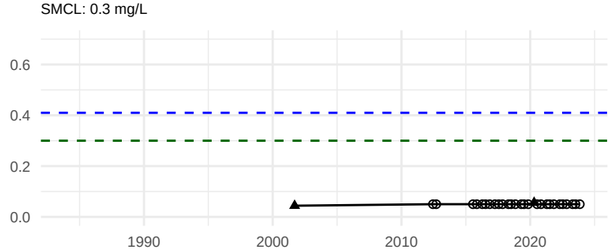




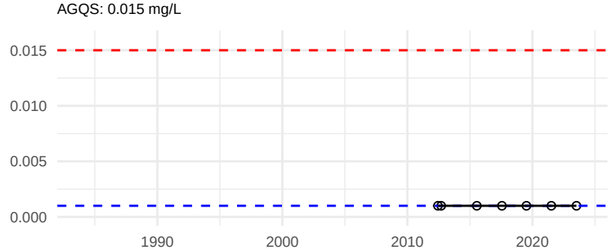
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



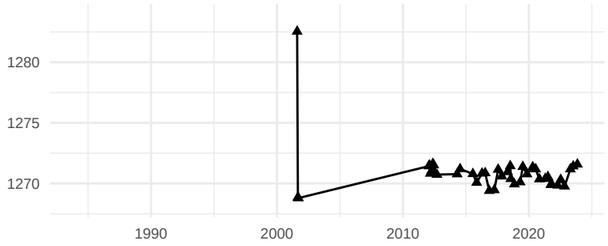
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



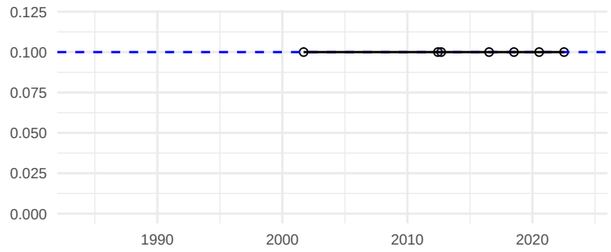
Sanborn, Head & Associates, Inc.

B−916D

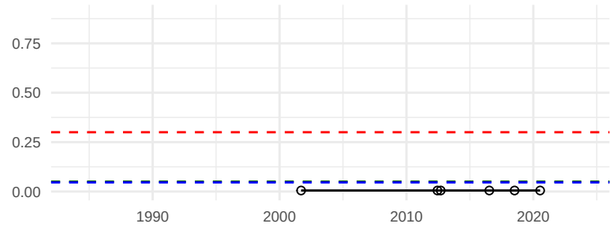
Groundwater Elevation (ft) :



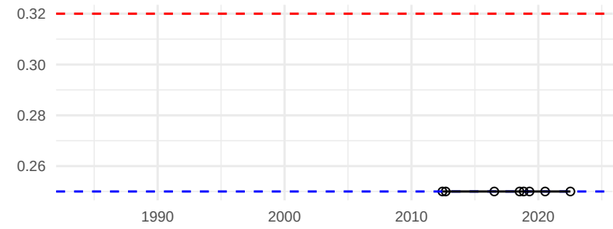
Bromide (mg/L) :



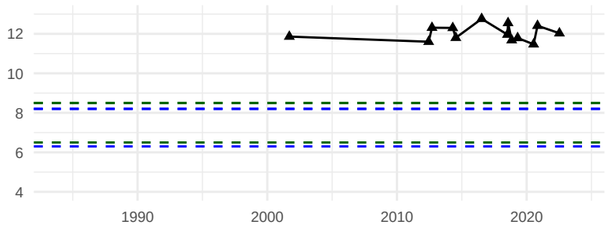
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



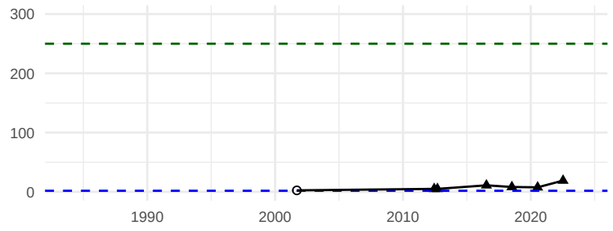
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



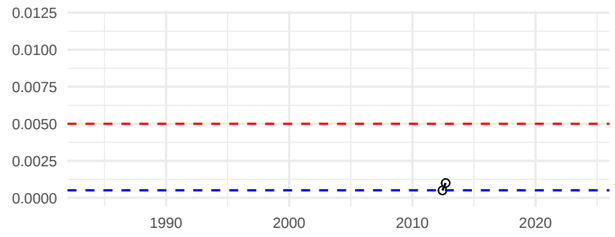
pH (SU) :
SMCL: 6.5 − 8.5 SU



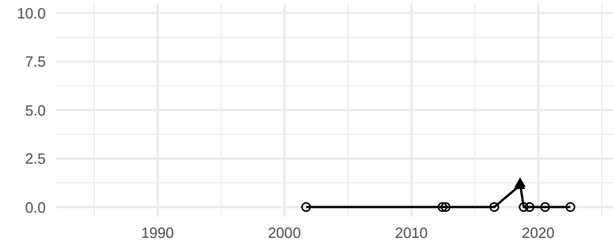
Chloride (mg/L) :
SMCL: 250 mg/L



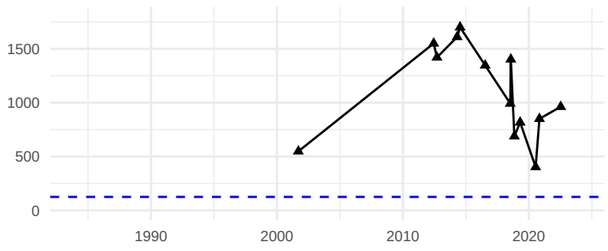
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



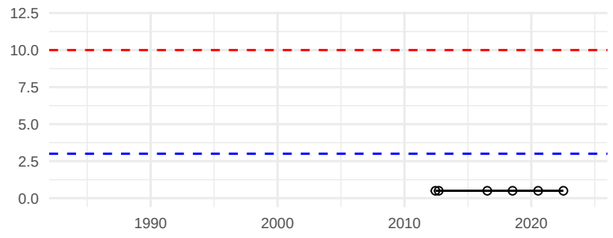
Total VOCs (ug/L) :



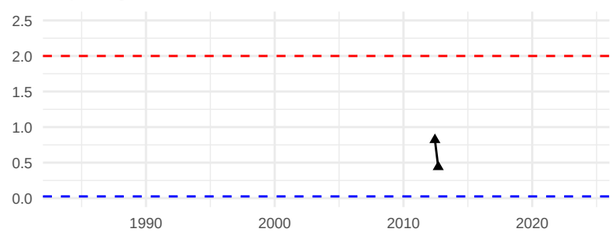
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



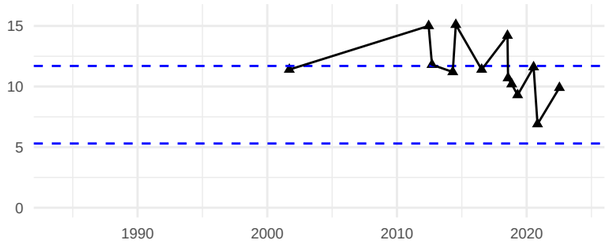
Result

- Detect
- Non−Detect

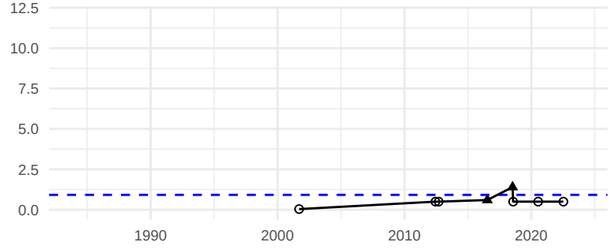
Standard

- AGQS
- SMCL
- Background

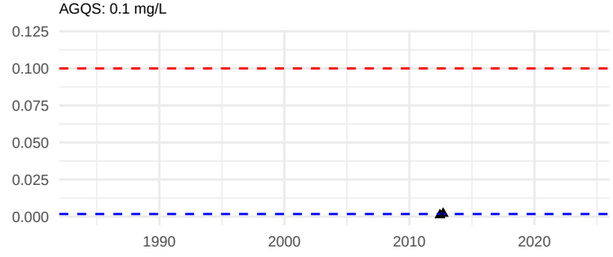
Temperature (C) :

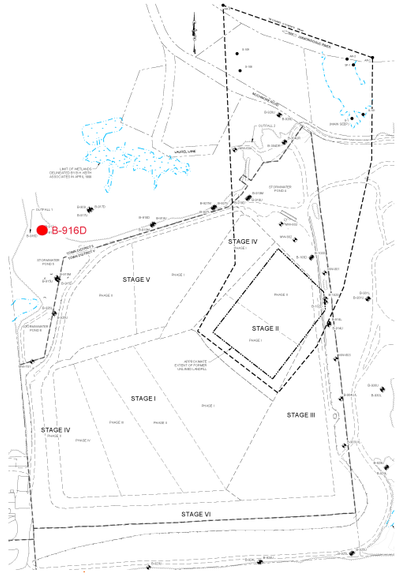


Total Kjeldahl Nitrogen (TKN) (mg/L) :

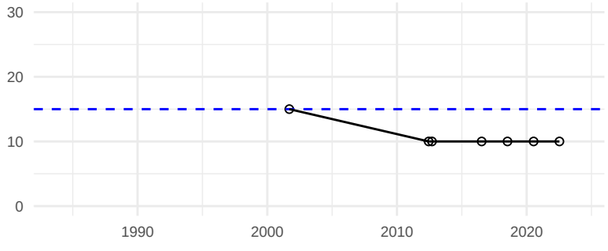


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

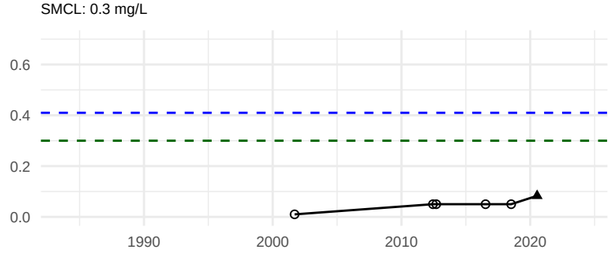




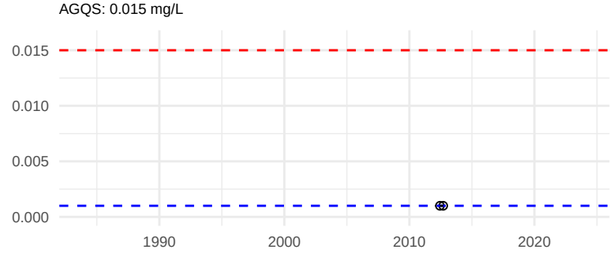
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

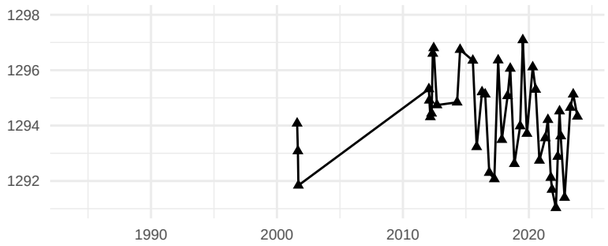


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

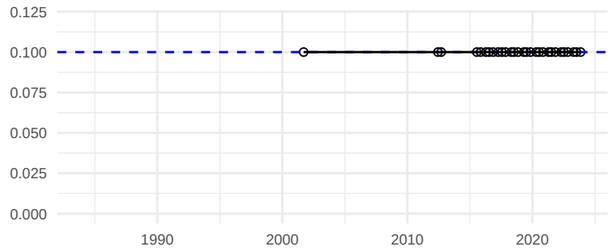


B−917U

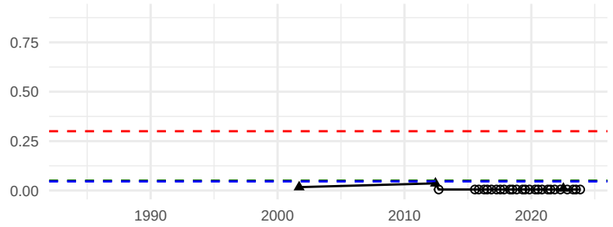
Groundwater Elevation (ft) :



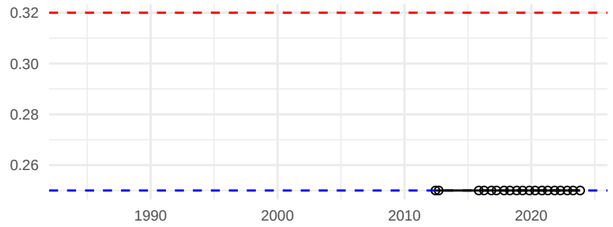
Bromide (mg/L) :



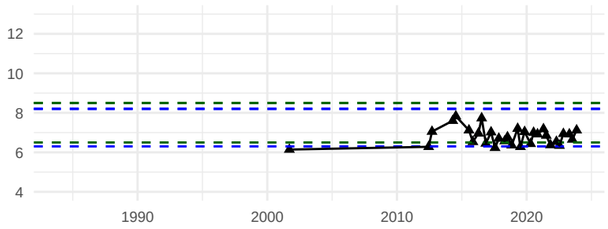
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



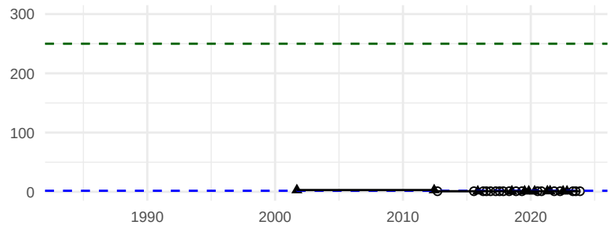
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



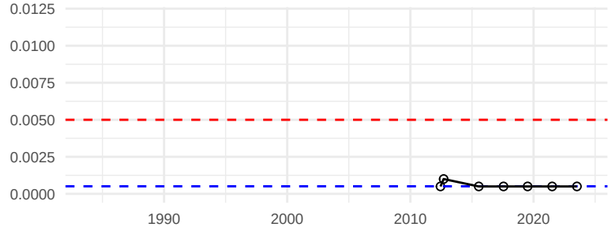
pH (SU) :
SMCL: 6.5 − 8.5 SU



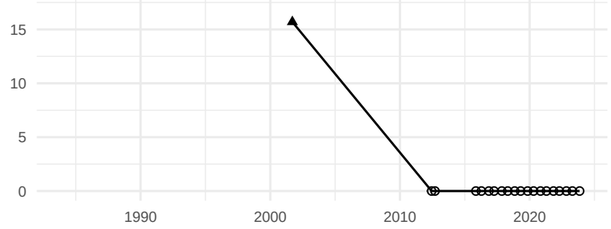
Chloride (mg/L) :
SMCL: 250 mg/L



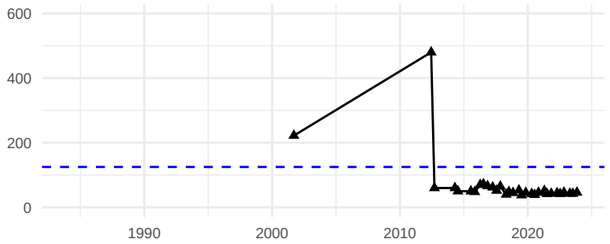
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



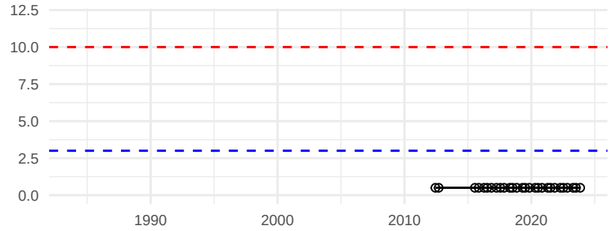
Total VOCs (ug/L) :



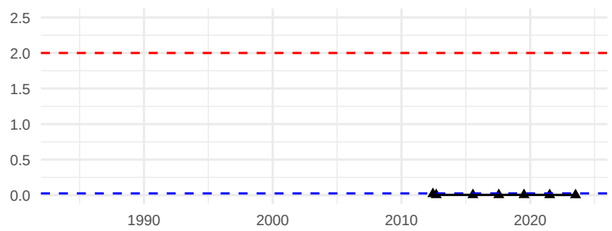
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



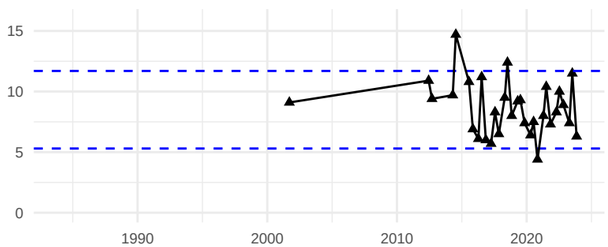
Result

- Detect
- Non−Detect

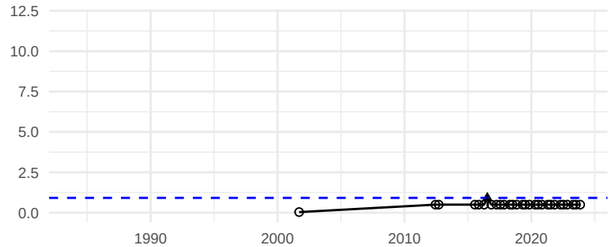
Standard

- AGQS
- SMCL
- Background

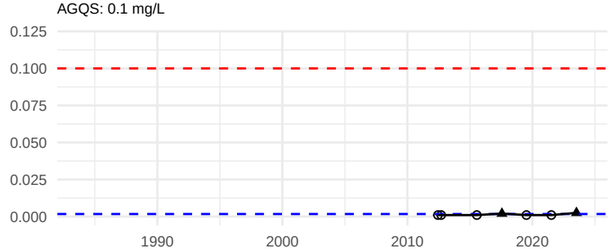
Temperature (C) :

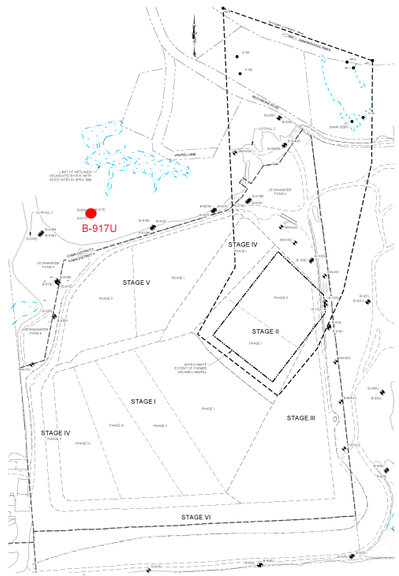


Total Kjeldahl Nitrogen (TKN) (mg/L) :

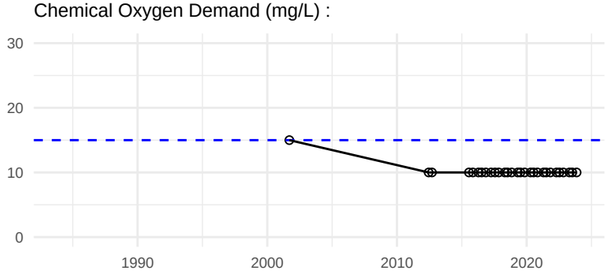


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

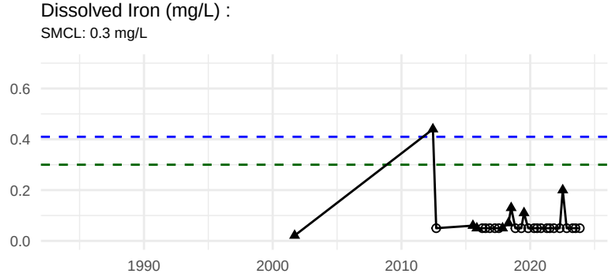




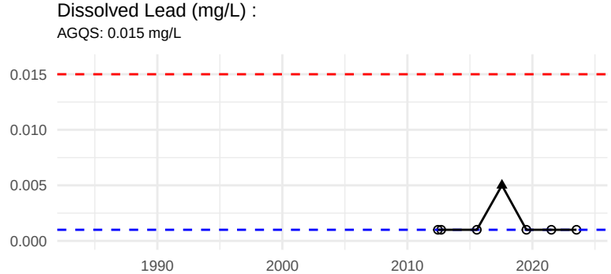
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

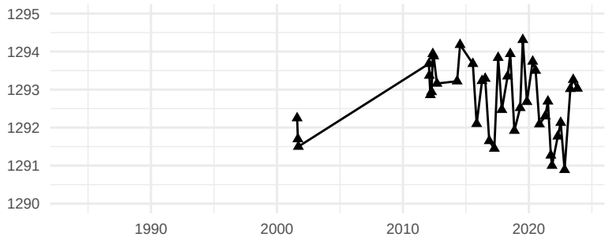


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

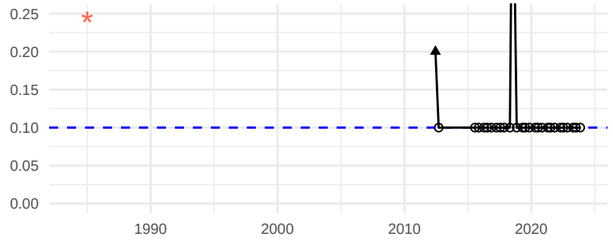


B−909

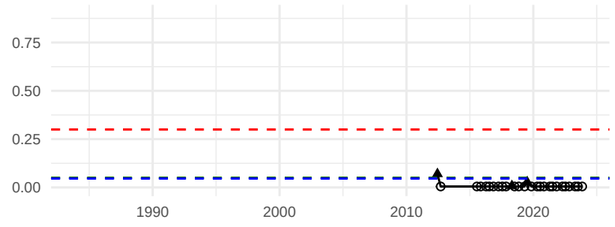
Groundwater Elevation (ft) :



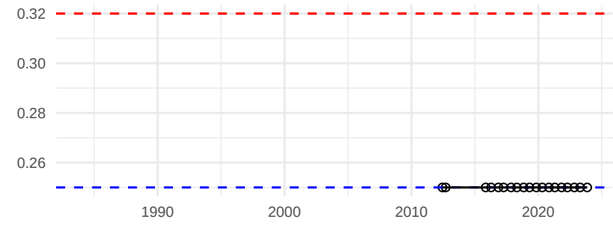
Bromide (mg/L) :



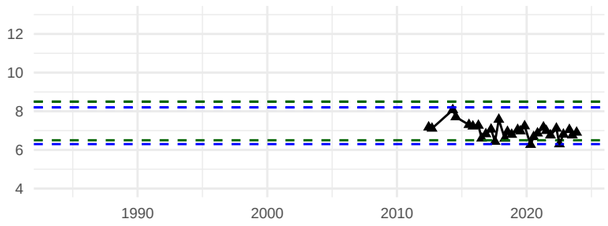
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



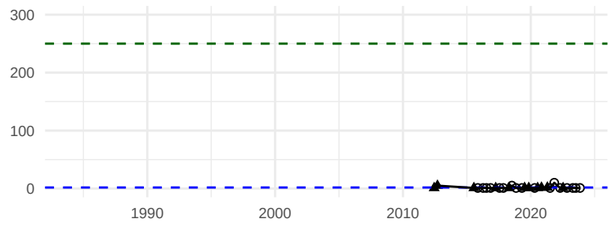
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



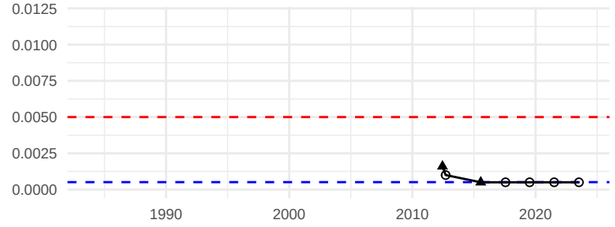
pH (SU) :
SMCL: 6.5 − 8.5 SU



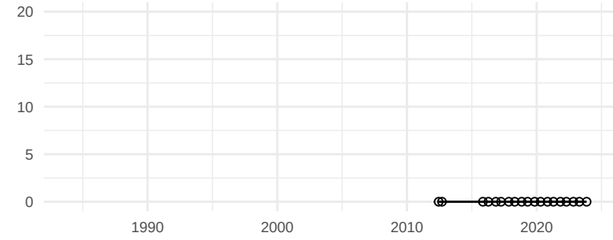
Chloride (mg/L) :
SMCL: 250 mg/L



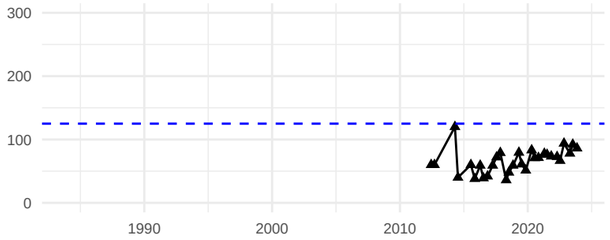
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



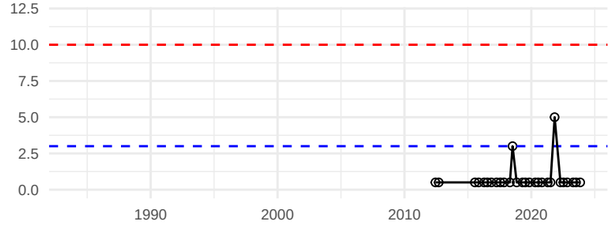
Total VOCs (ug/L) :



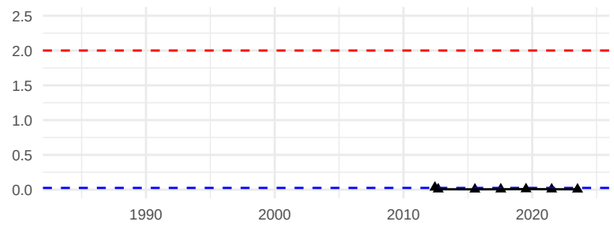
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



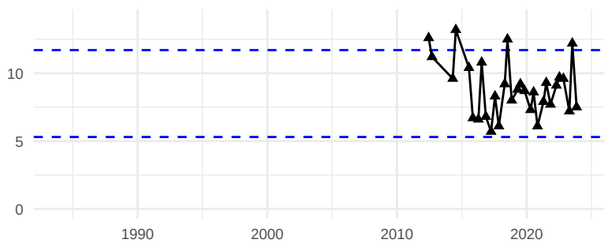
Result

- Detect
- Non−Detect

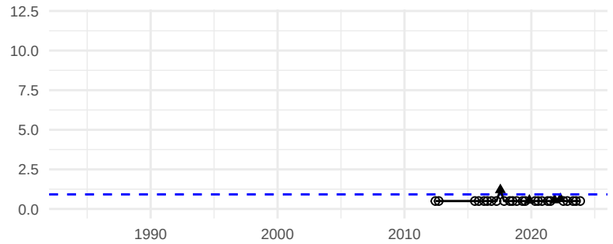
Standard

- AGQS
- SMCL
- Background

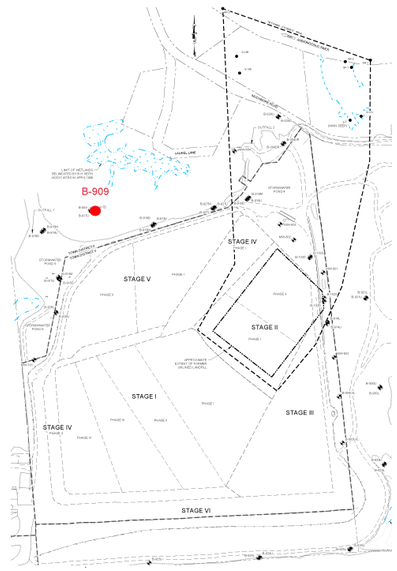
Temperature (C) :



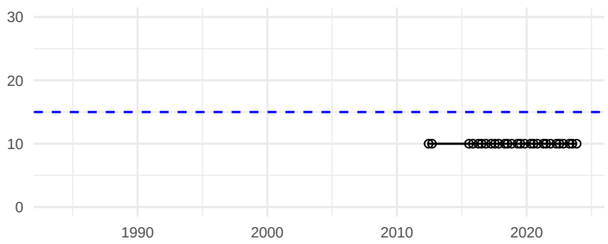
Total Kjeldahl Nitrogen (TKN) (mg/L) :



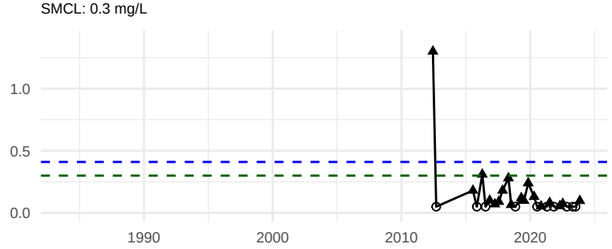
Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L



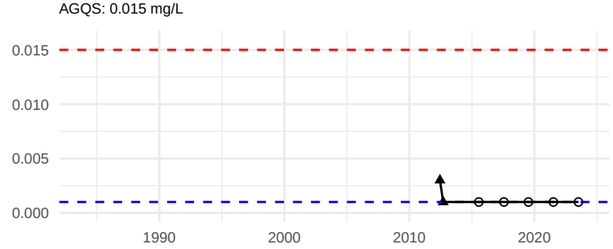
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

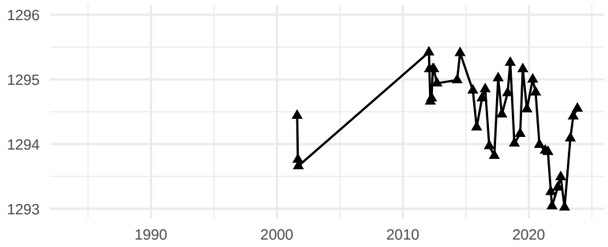


* indicates one or more data points plot outside concentration range shown

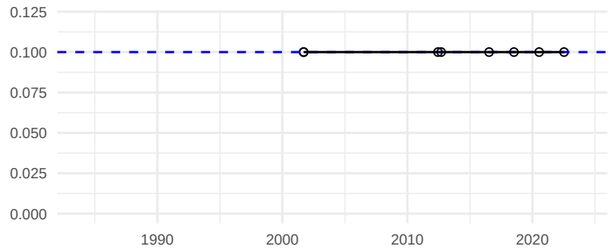
Sanborn, Head & Associates, Inc.

B−917D

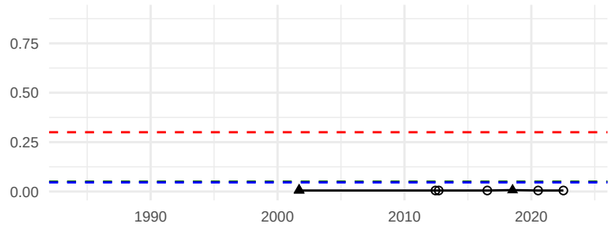
Groundwater Elevation (ft) :



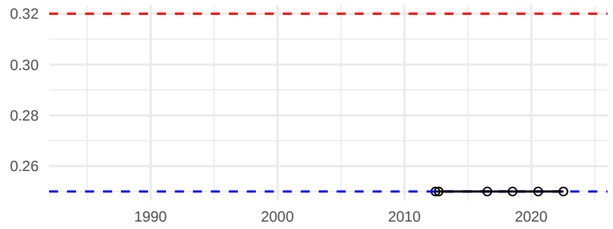
Bromide (mg/L) :



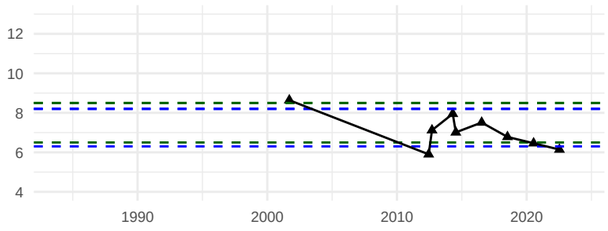
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



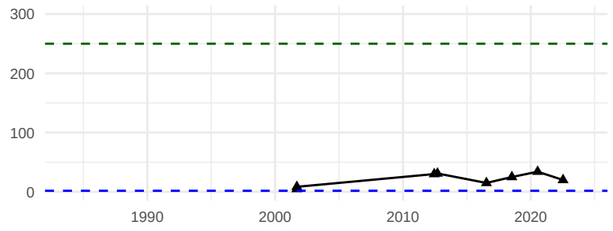
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



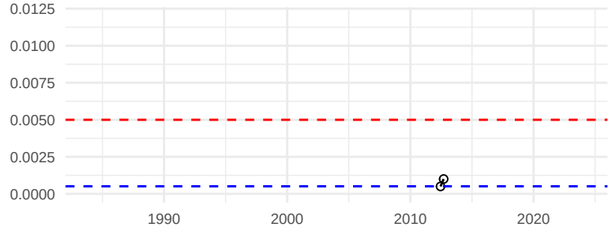
pH (SU) :
SMCL: 6.5 − 8.5 SU



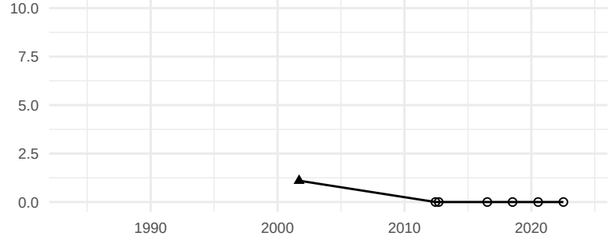
Chloride (mg/L) :
SMCL: 250 mg/L



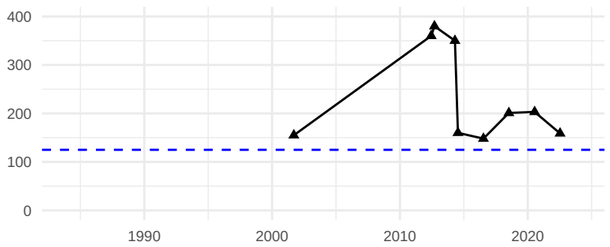
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



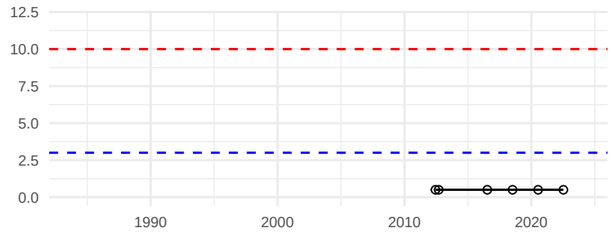
Total VOCs (ug/L) :



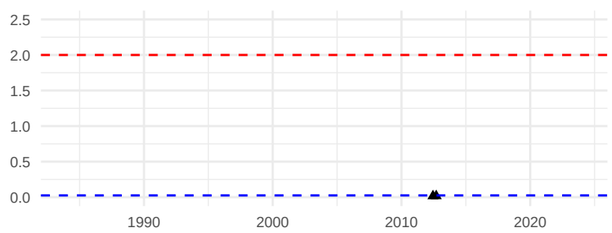
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



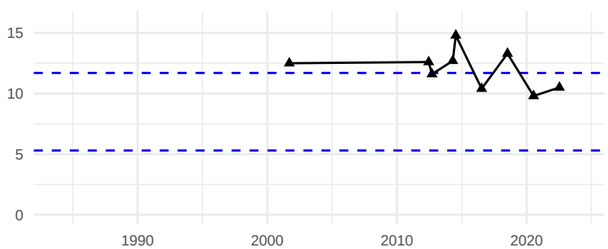
Result

- Detect
- Non−Detect

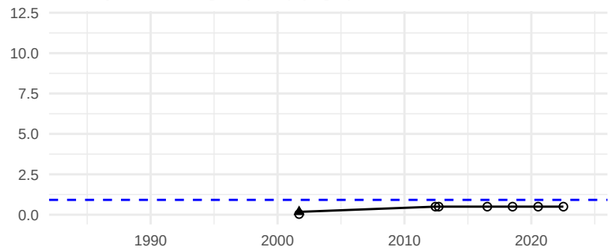
Standard

- AGQS
- SMCL
- Background

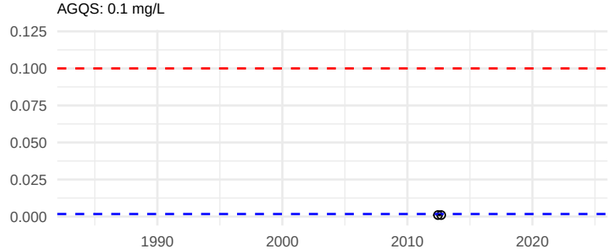
Temperature (C) :

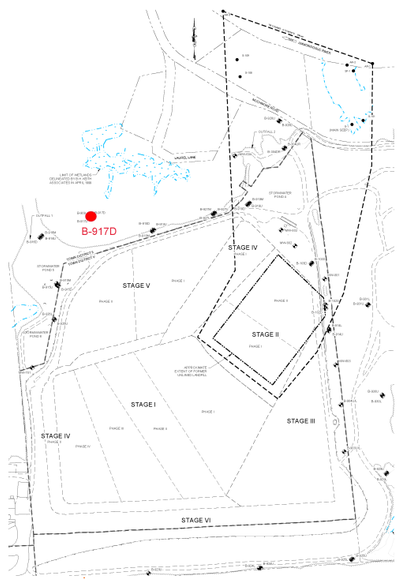


Total Kjeldahl Nitrogen (TKN) (mg/L) :

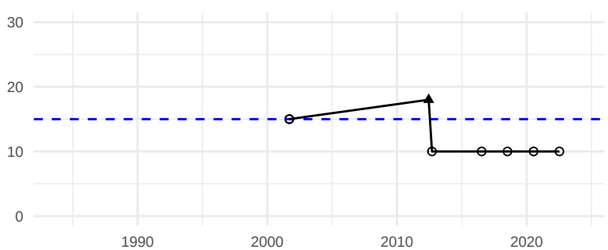


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

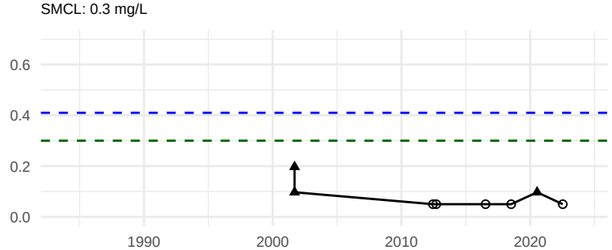




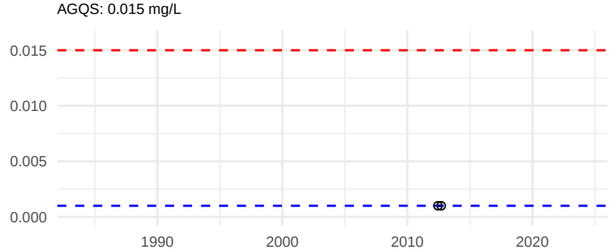
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

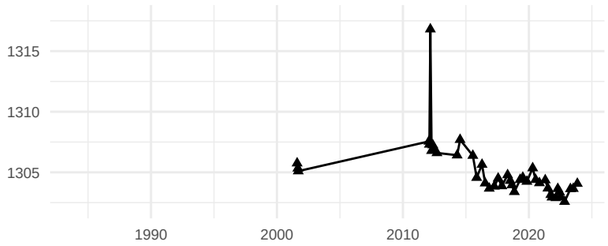


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

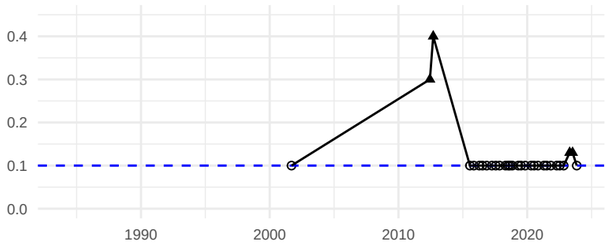


B−918U

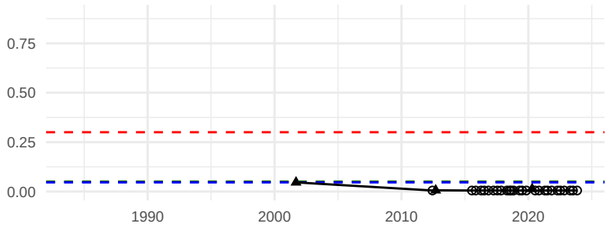
Groundwater Elevation (ft) :



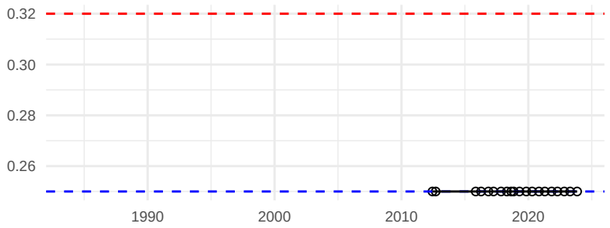
Bromide (mg/L) :



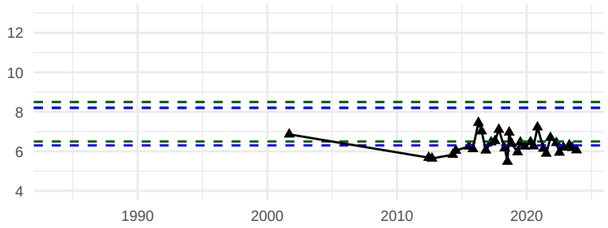
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



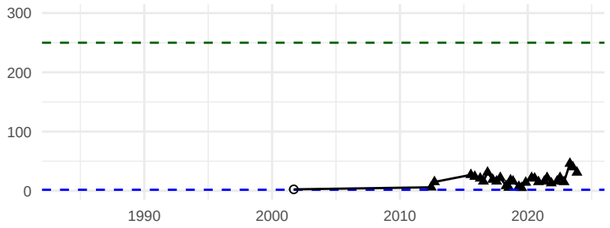
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



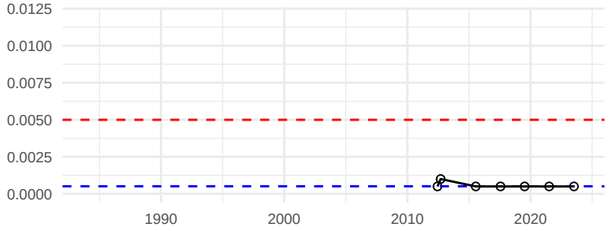
pH (SU) :
SMCL: 6.5 − 8.5 SU



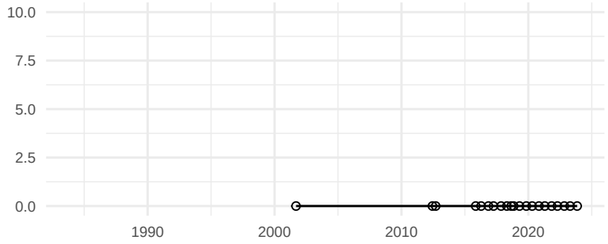
Chloride (mg/L) :
SMCL: 250 mg/L



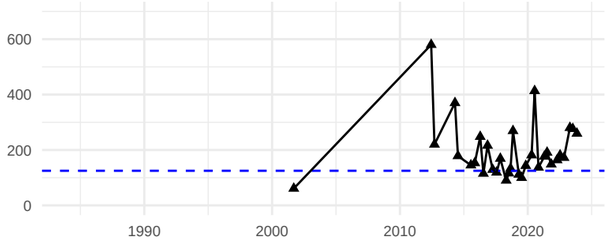
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



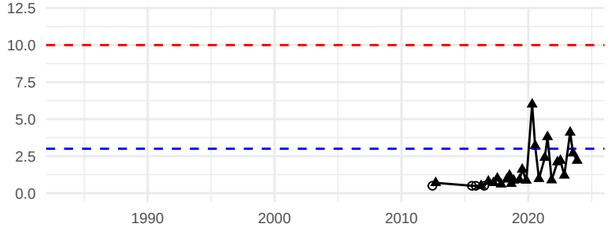
Total VOCs (ug/L) :



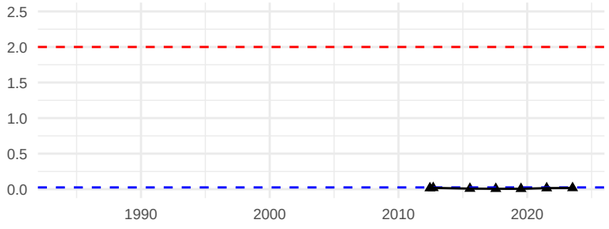
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



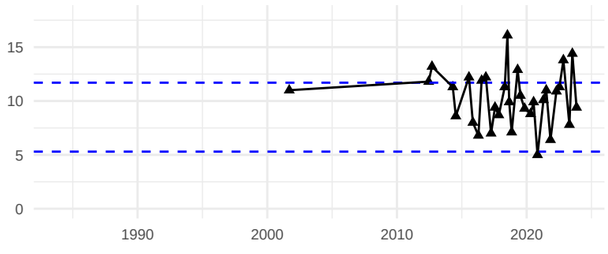
Result

- Detect
- Non−Detect

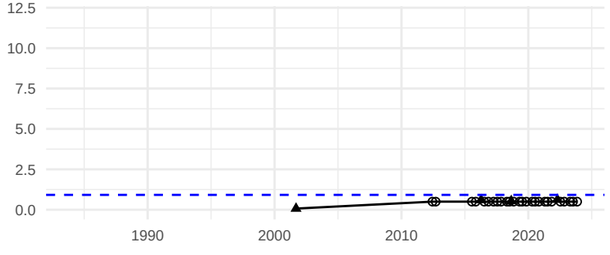
Standard

- AGQS
- SMCL
- Background

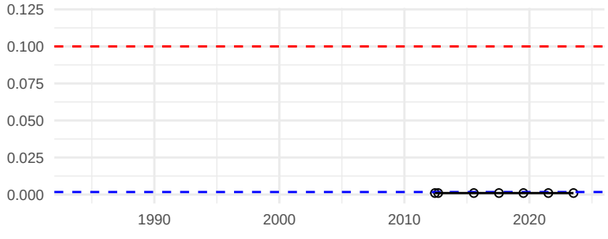
Temperature (C) :

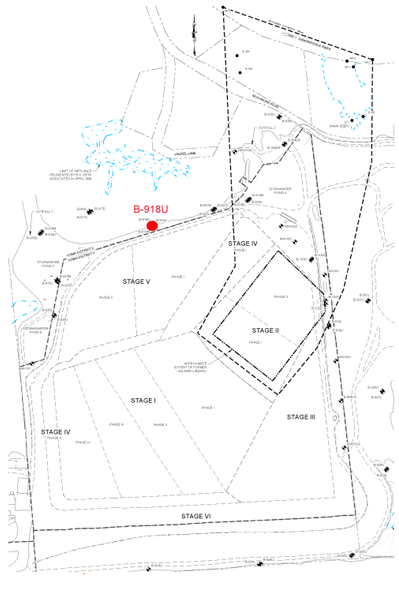


Total Kjeldahl Nitrogen (TKN) (mg/L) :

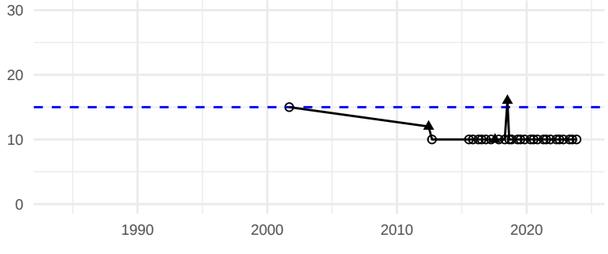


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

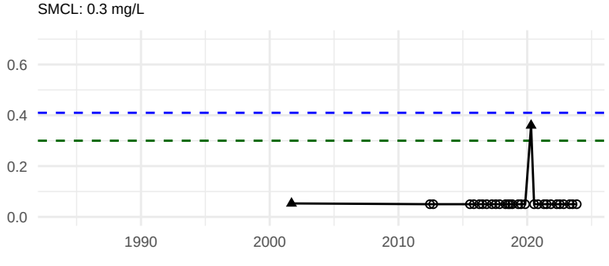




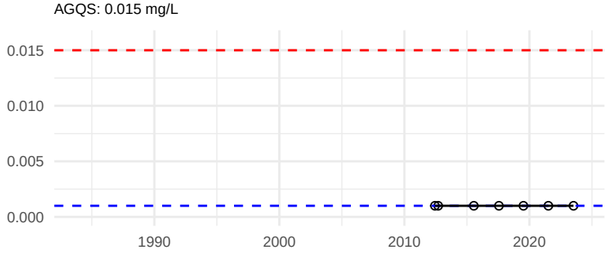
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

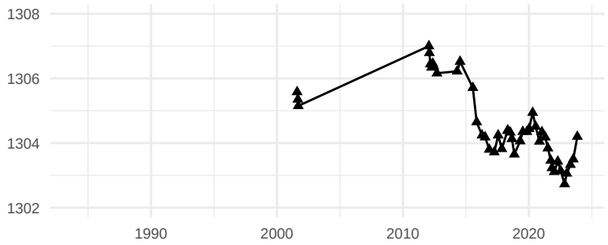


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

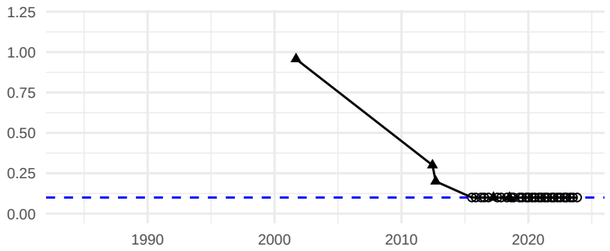


B−918M

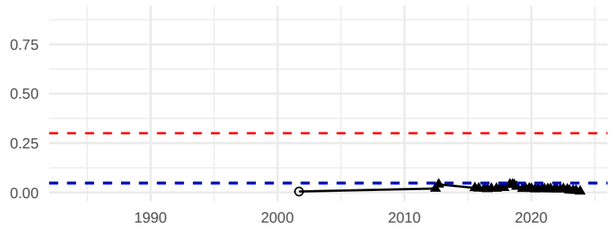
Groundwater Elevation (ft) :



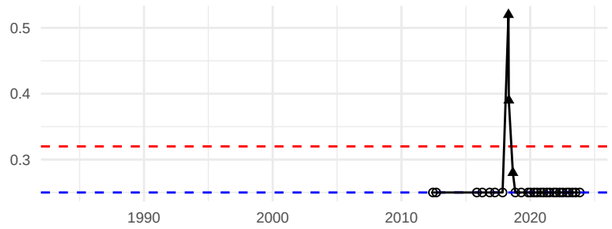
Bromide (mg/L) :



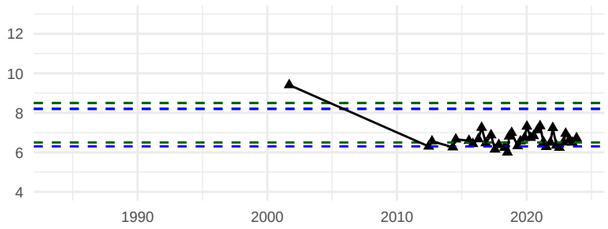
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



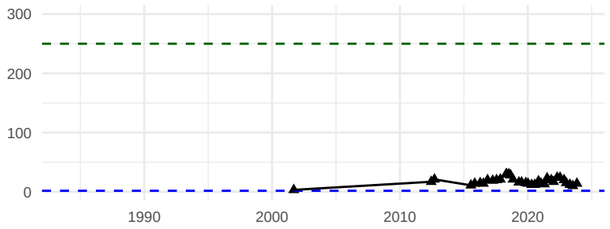
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



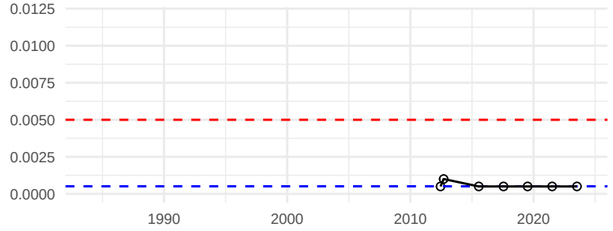
pH (SU) :
SMCL: 6.5 − 8.5 SU



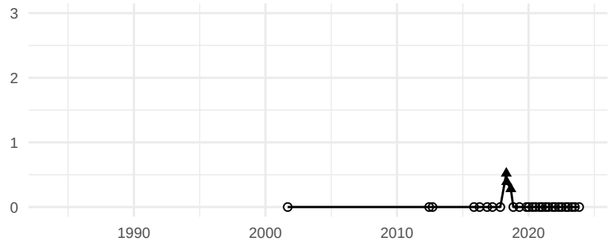
Chloride (mg/L) :
SMCL: 250 mg/L



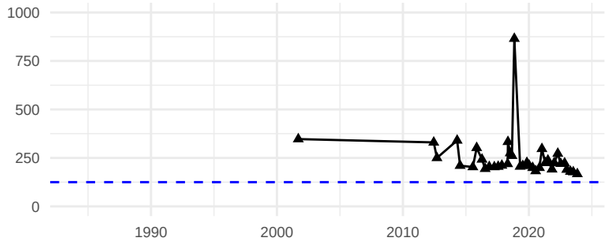
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



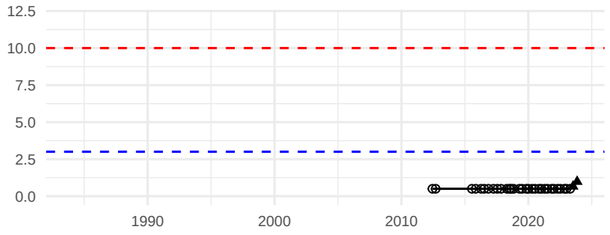
Total VOCs (ug/L) :



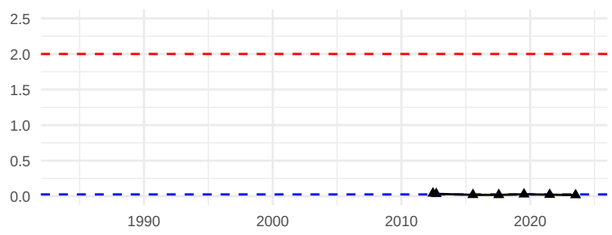
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



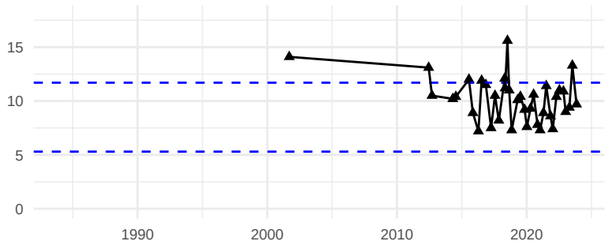
Result

- Detect
- Non−Detect

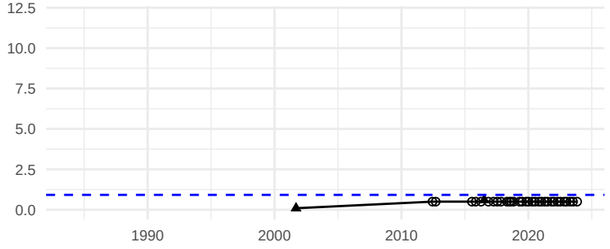
Standard

- AGQS
- SMCL
- Background

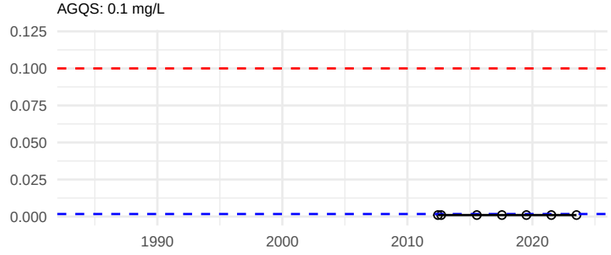
Temperature (C) :

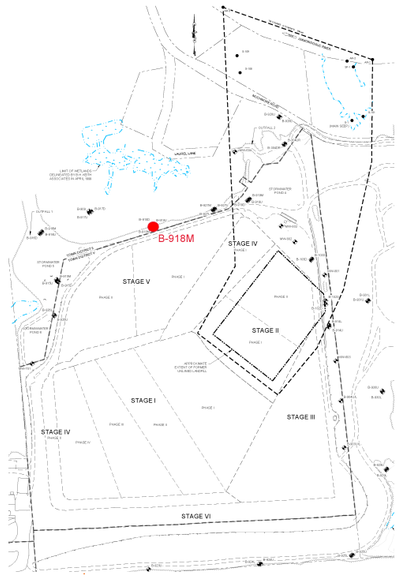


Total Kjeldahl Nitrogen (TKN) (mg/L) :

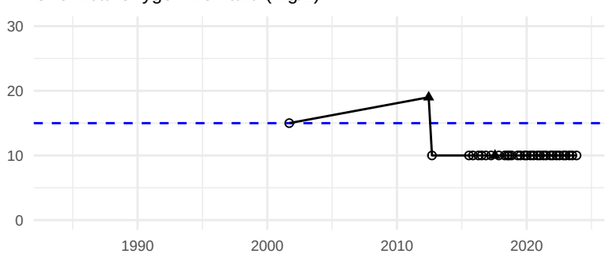


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

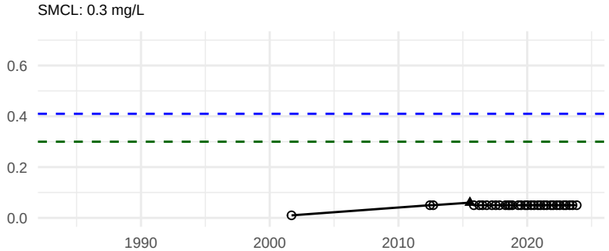




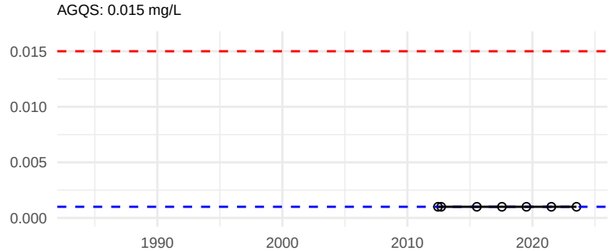
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



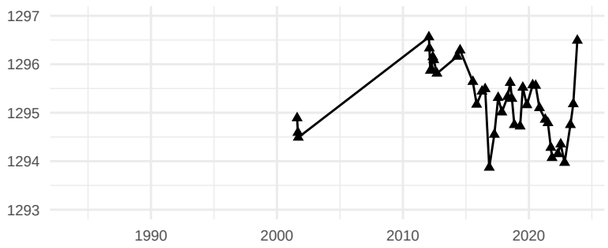
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



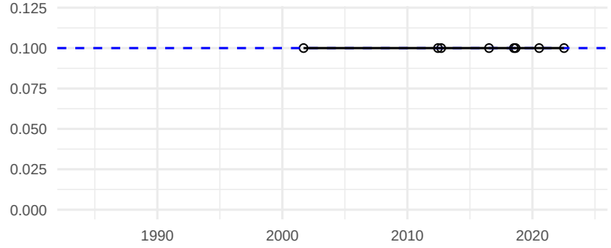
Sanborn, Head & Associates, Inc.

B−918D

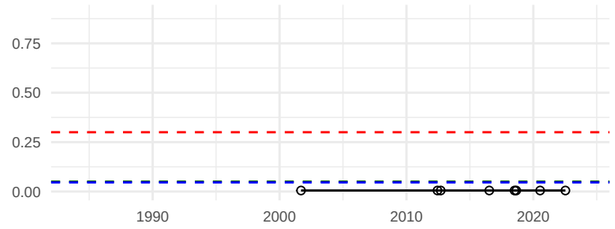
Groundwater Elevation (ft) :



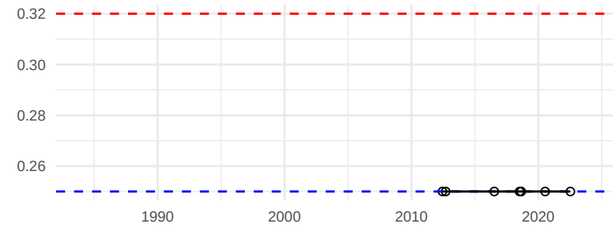
Bromide (mg/L) :



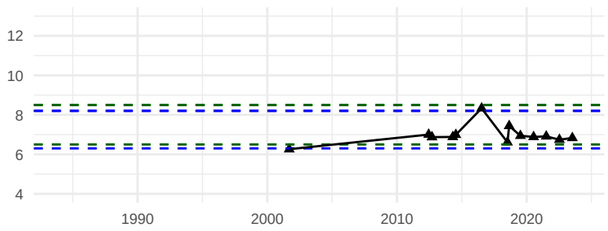
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



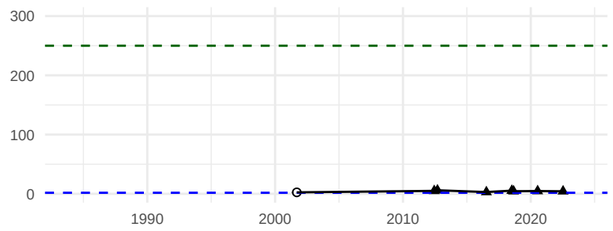
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



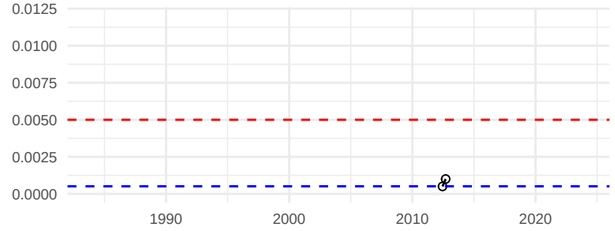
pH (SU) :
SMCL: 6.5 − 8.5 SU



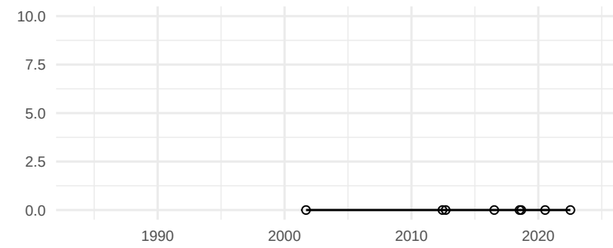
Chloride (mg/L) :
SMCL: 250 mg/L



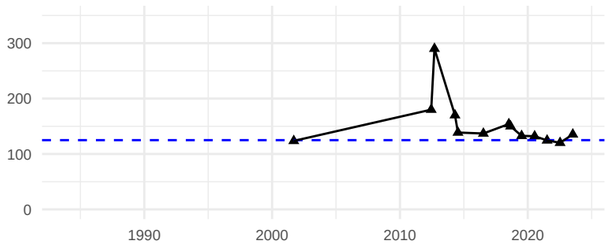
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



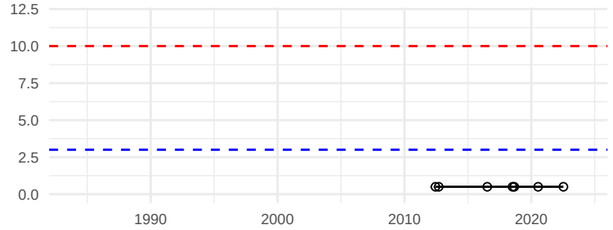
Total VOCs (ug/L) :



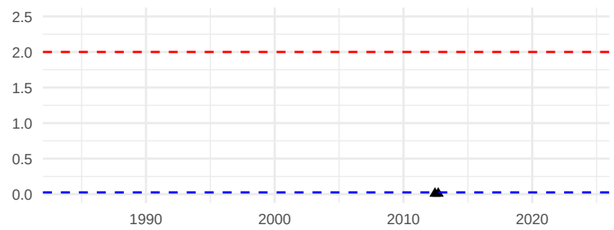
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



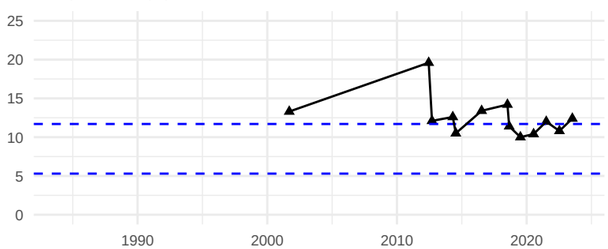
Result

- Detect
- Non−Detect

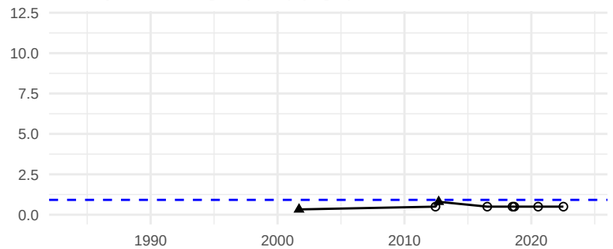
Standard

- AGQS
- SMCL
- Background

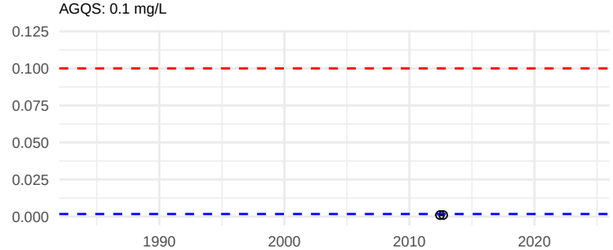
Temperature (C) :

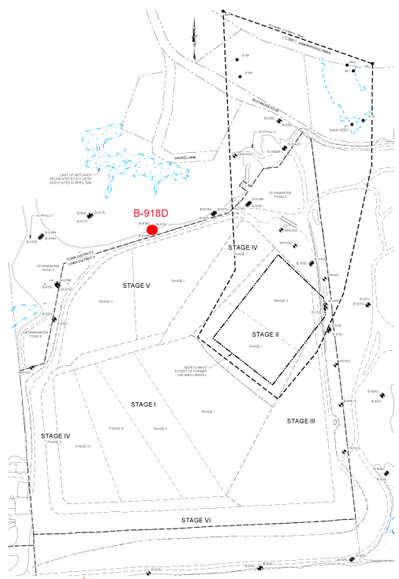


Total Kjeldahl Nitrogen (TKN) (mg/L) :

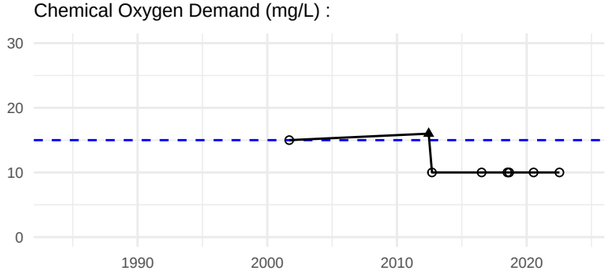


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

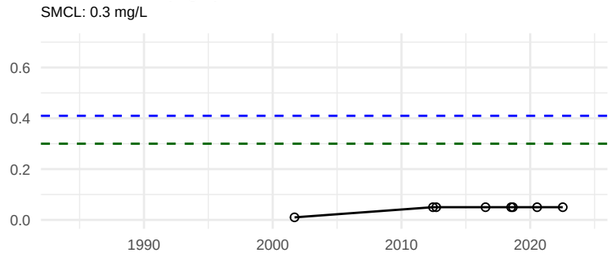




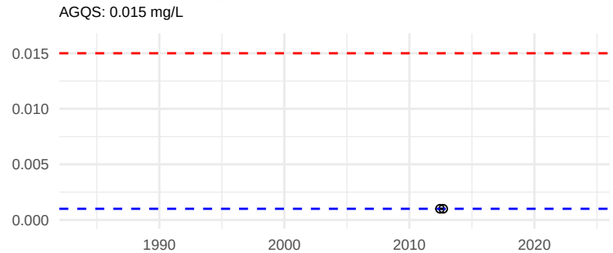
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

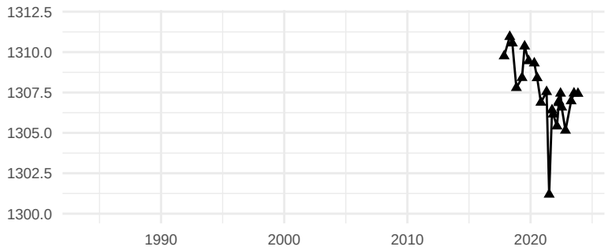


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

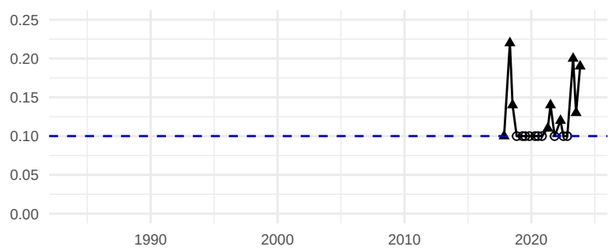


B−926U

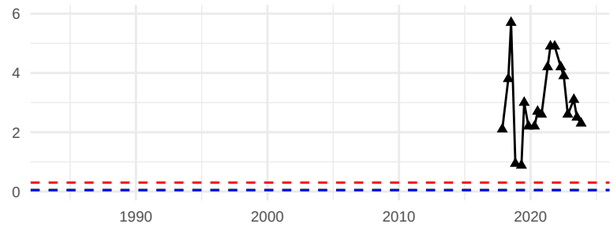
Groundwater Elevation (ft) :



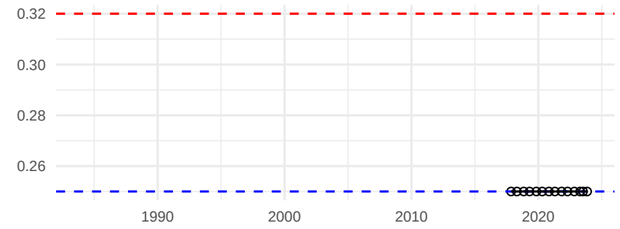
Bromide (mg/L) :



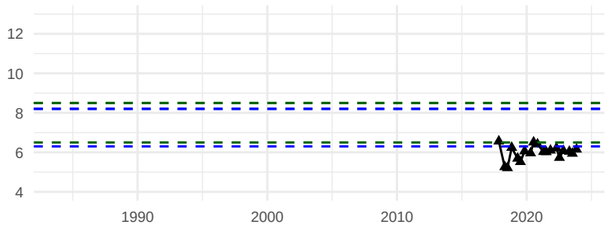
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



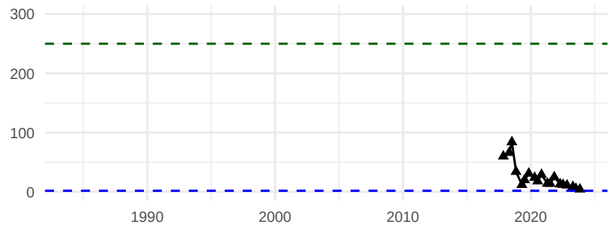
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



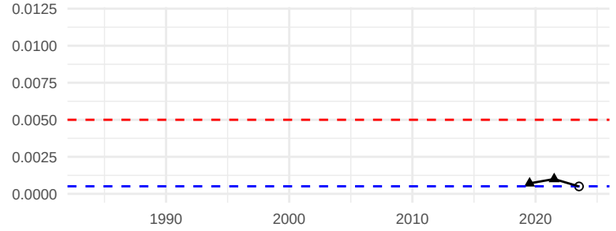
pH (SU) :
SMCL: 6.5 − 8.5 SU



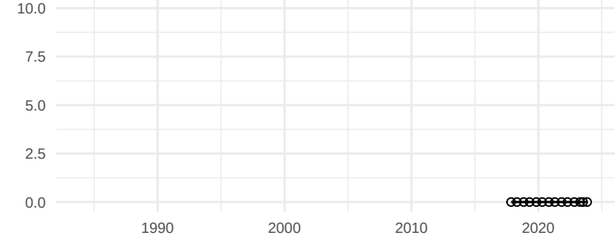
Chloride (mg/L) :
SMCL: 250 mg/L



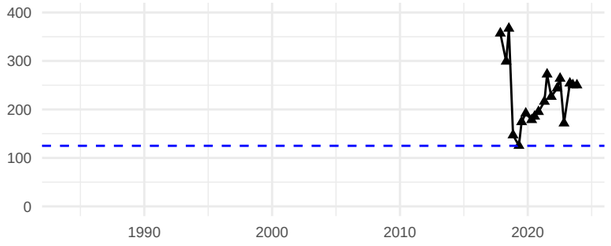
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



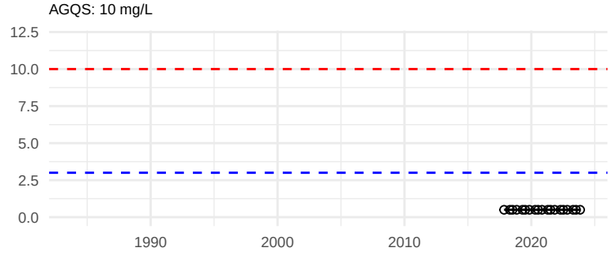
Total VOCs (ug/L) :



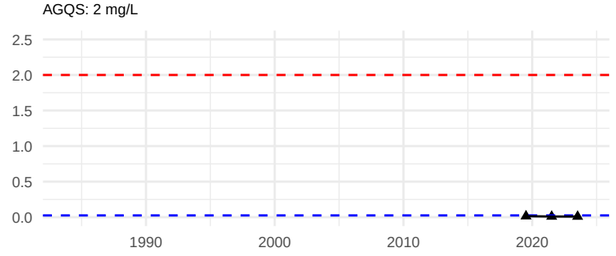
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



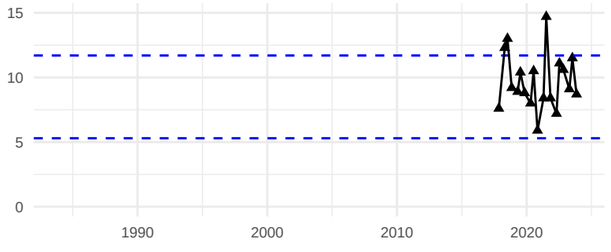
Result

- Detect
- Non−Detect

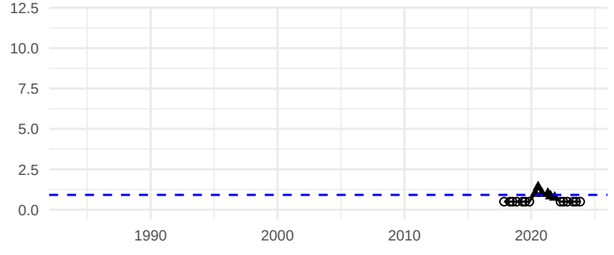
Standard

- AGQS
- SMCL
- Background

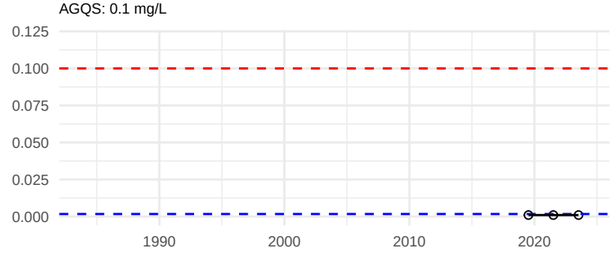
Temperature (C) :

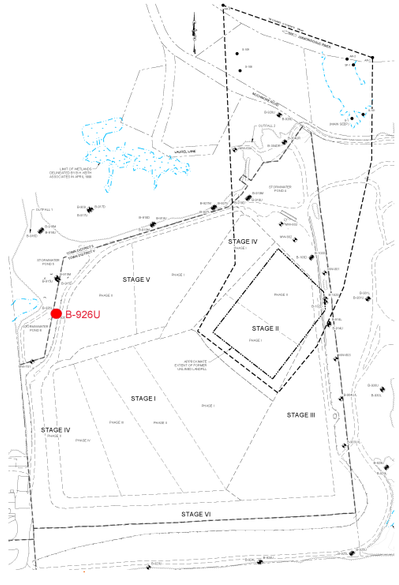


Total Kjeldahl Nitrogen (TKN) (mg/L) :

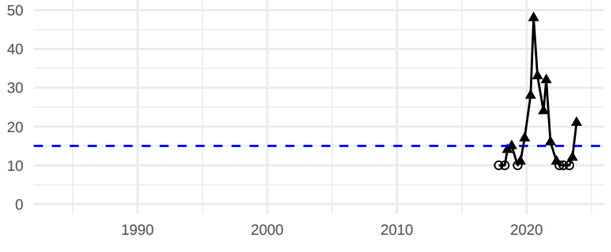


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

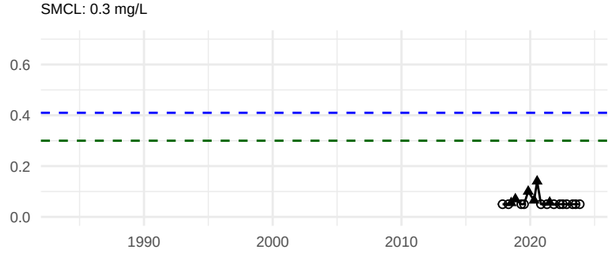




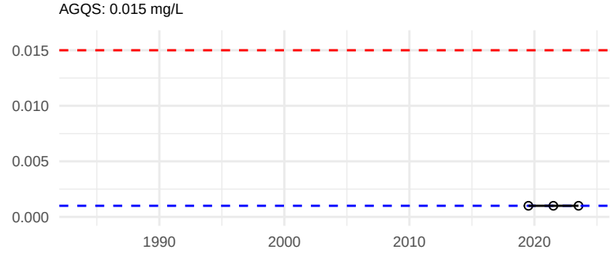
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



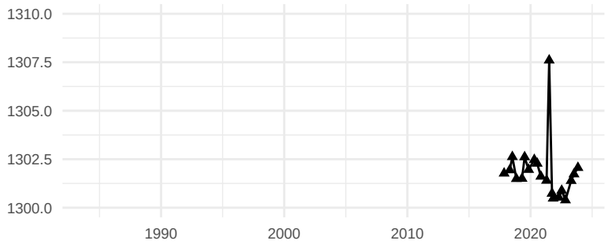
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



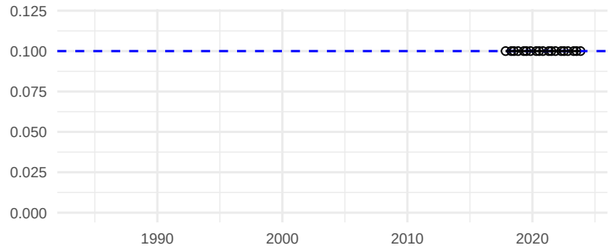
Sanborn, Head & Associates, Inc.

B−926L

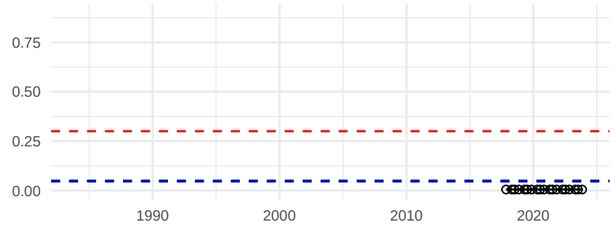
Groundwater Elevation (ft) :



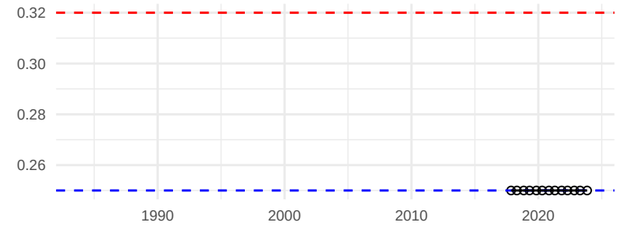
Bromide (mg/L) :



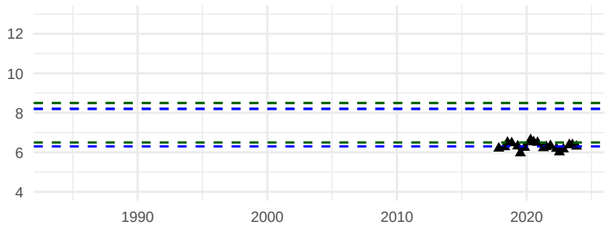
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



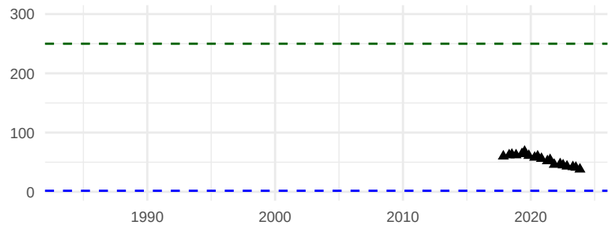
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



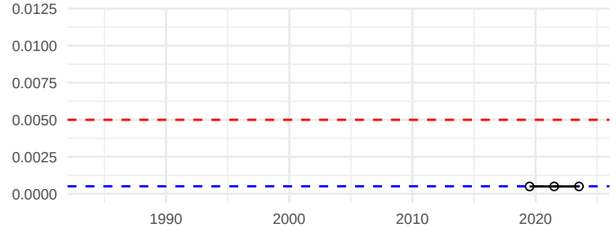
pH (SU) :
SMCL: 6.5 − 8.5 SU



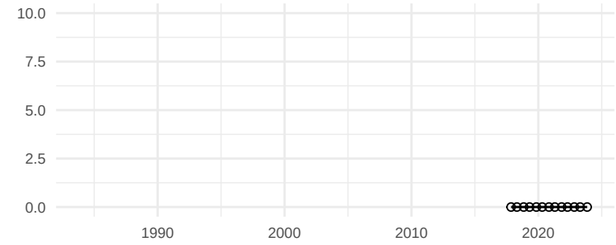
Chloride (mg/L) :
SMCL: 250 mg/L



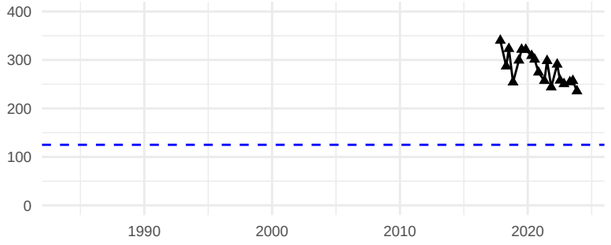
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



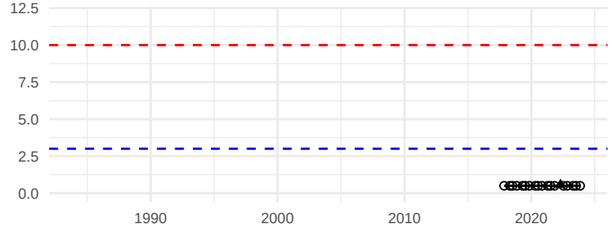
Total VOCs (ug/L) :



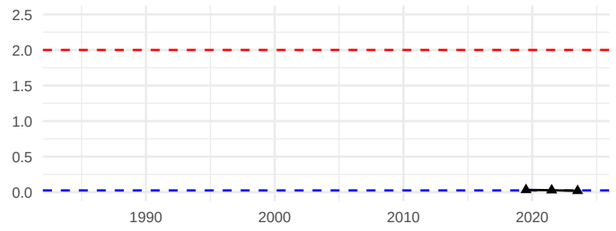
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



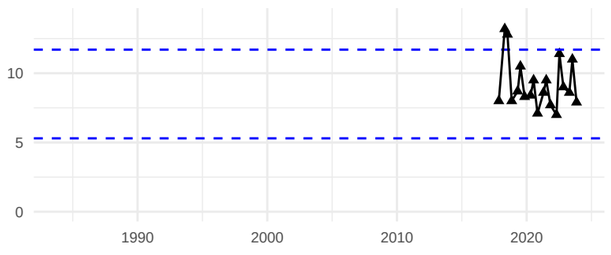
Result

- Detect
- Non−Detect

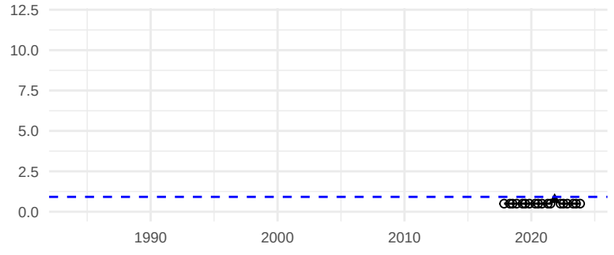
Standard

- AGQS
- SMCL
- Background

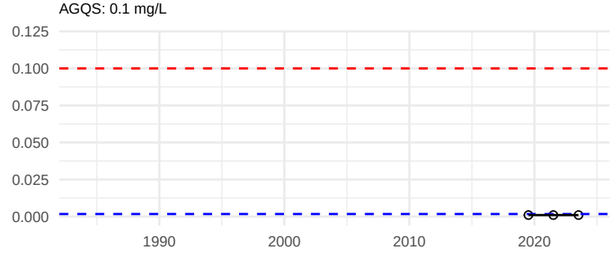
Temperature (C) :

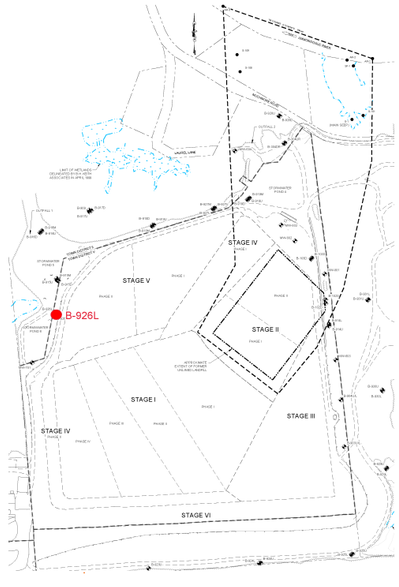


Total Kjeldahl Nitrogen (TKN) (mg/L) :

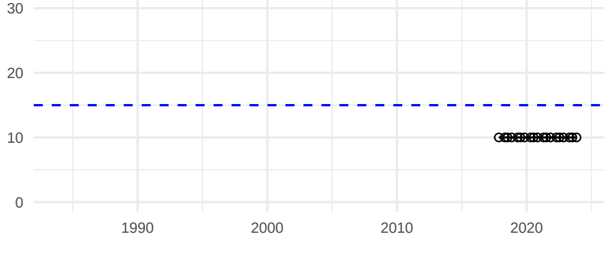


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

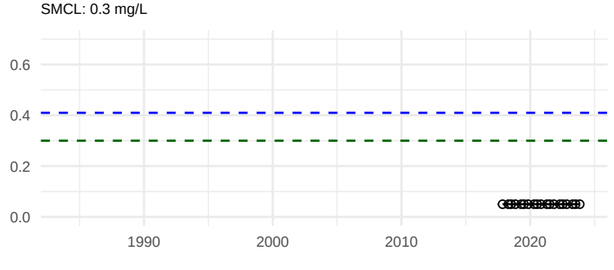




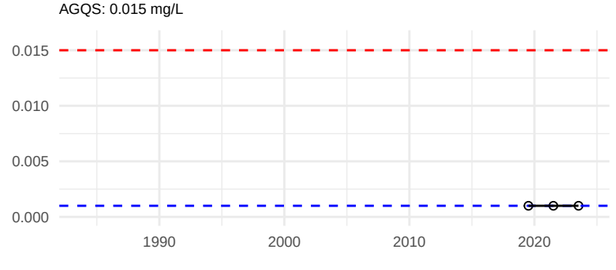
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



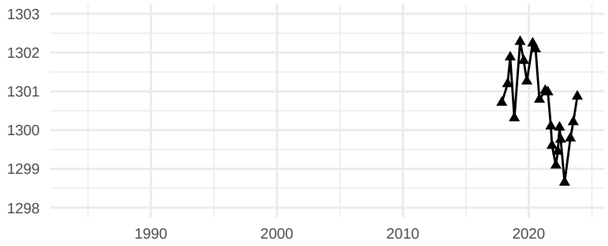
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



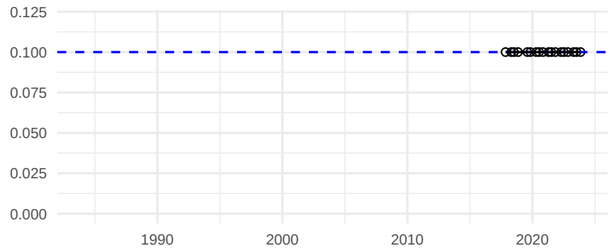
Sanborn, Head & Associates, Inc.

B−927U

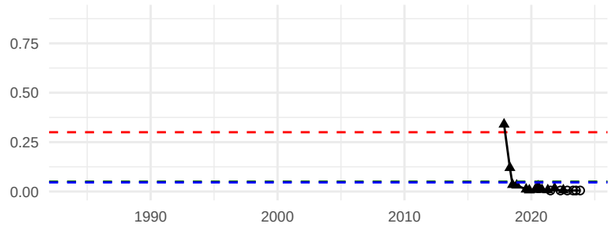
Groundwater Elevation (ft) :



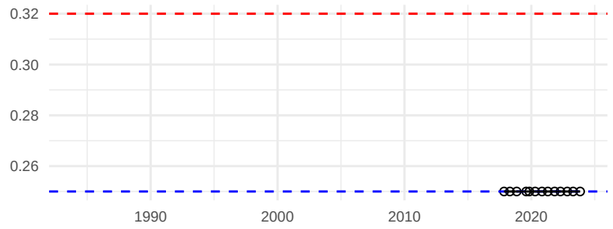
Bromide (mg/L) :



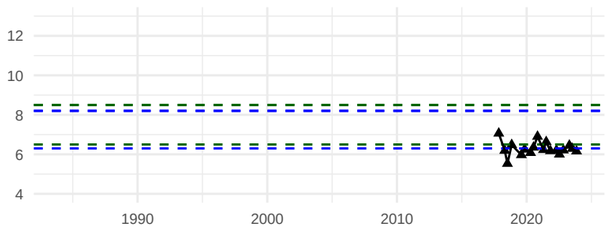
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



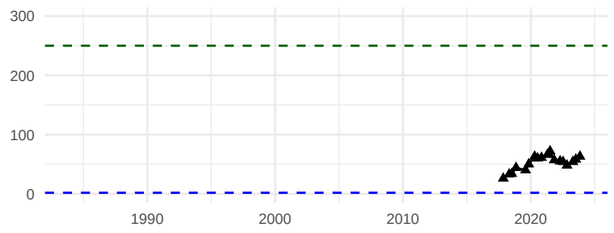
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



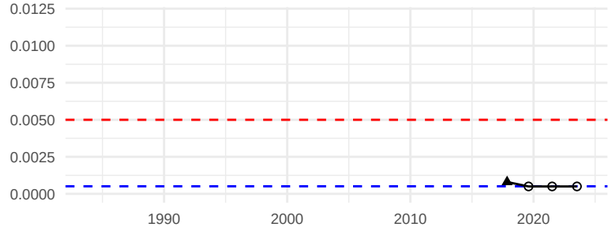
pH (SU) :
SMCL: 6.5 − 8.5 SU



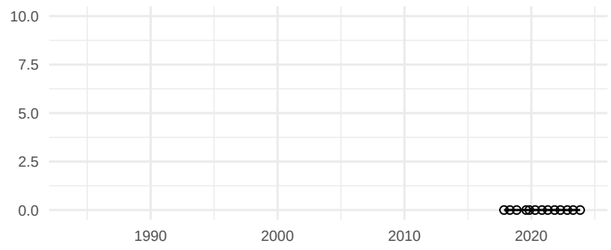
Chloride (mg/L) :
SMCL: 250 mg/L



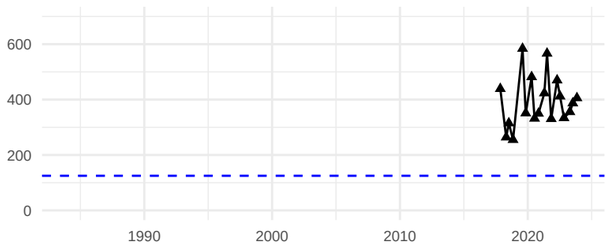
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



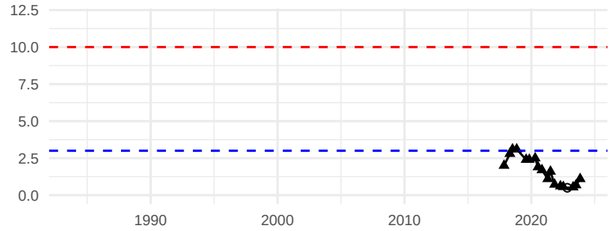
Total VOCs (ug/L) :



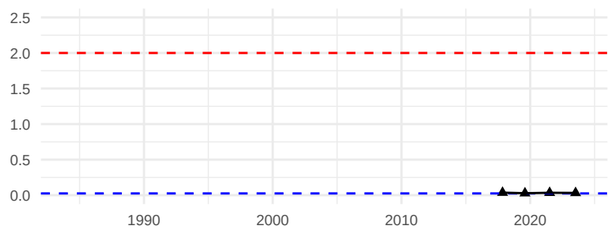
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



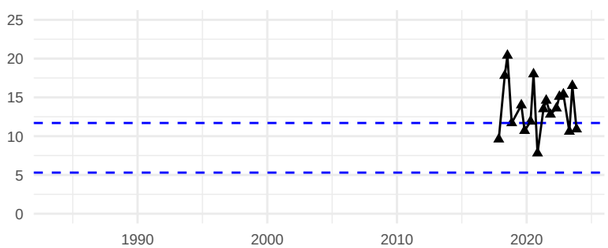
Result

- Detect
- Non−Detect

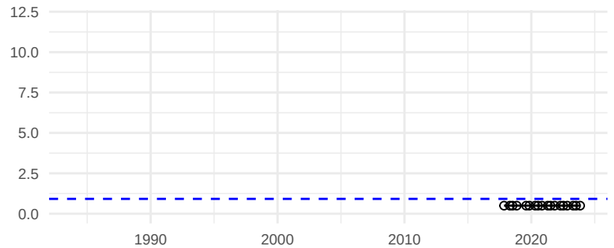
Standard

- AGQS
- SMCL
- Background

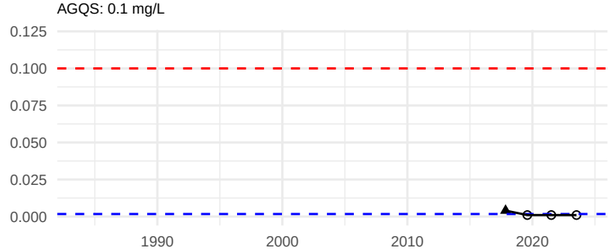
Temperature (C) :

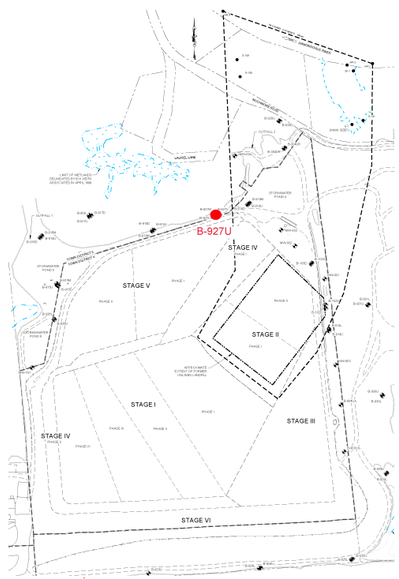


Total Kjeldahl Nitrogen (TKN) (mg/L) :

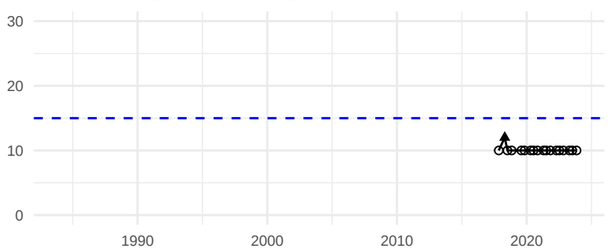


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

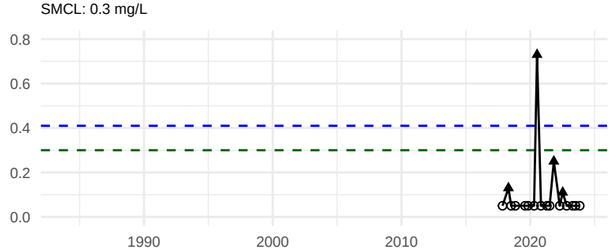




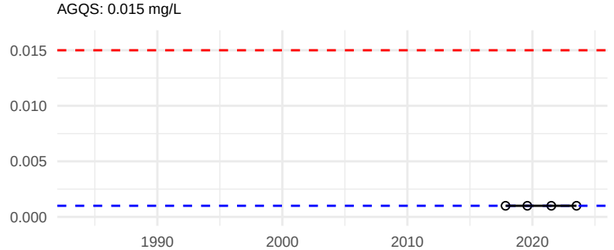
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



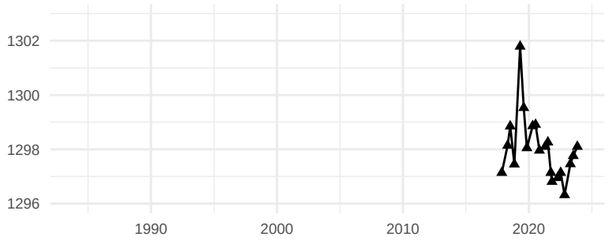
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



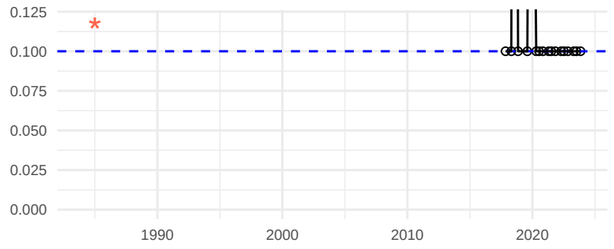
Sanborn, Head & Associates, Inc.

B−927M

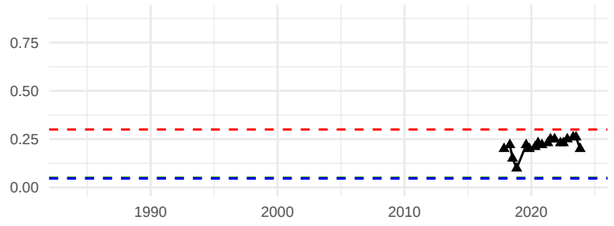
Groundwater Elevation (ft) :



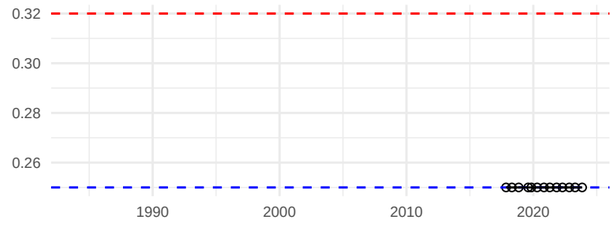
Bromide (mg/L) :



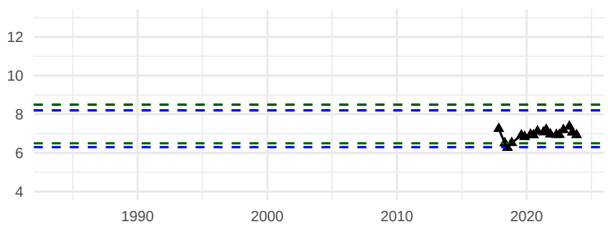
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



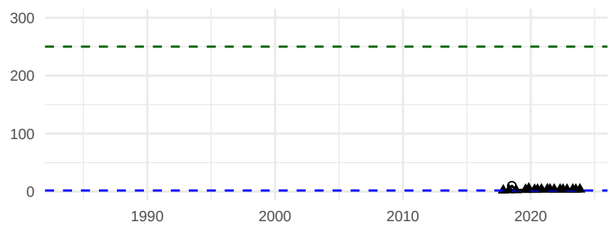
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



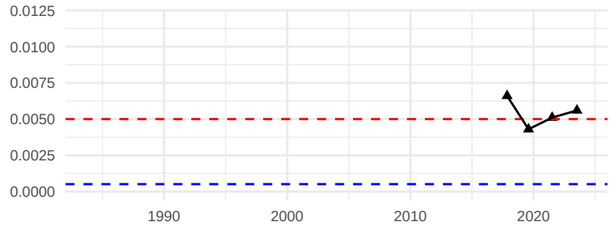
pH (SU) :
SMCL: 6.5 − 8.5 SU



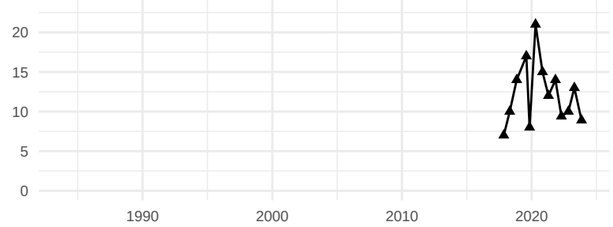
Chloride (mg/L) :
SMCL: 250 mg/L



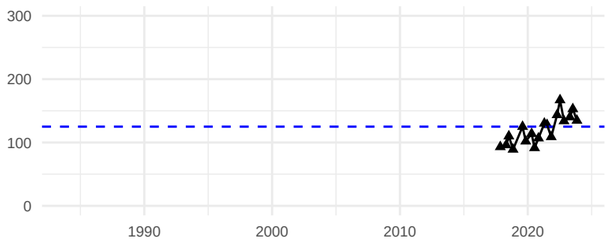
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



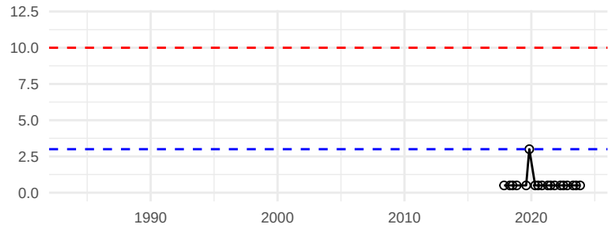
Total VOCs (ug/L) :



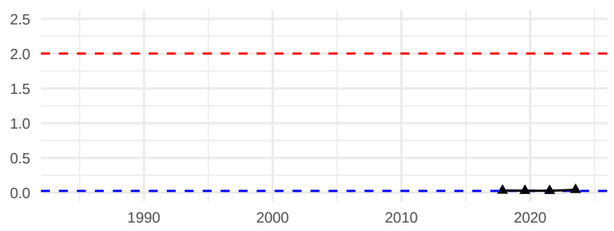
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



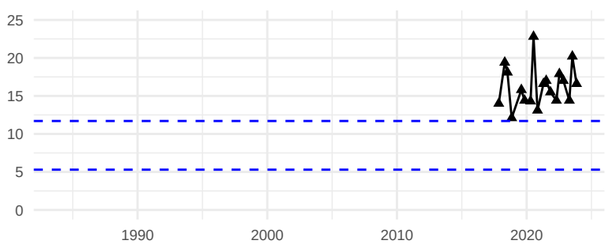
Result

- Detect
- Non−Detect

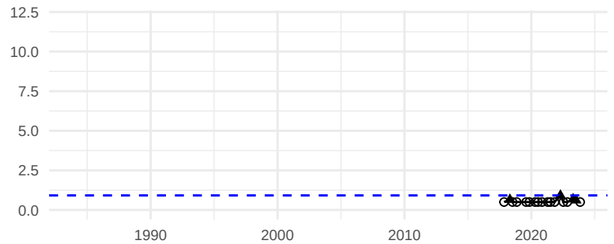
Standard

- AGQS
- SMCL
- Background

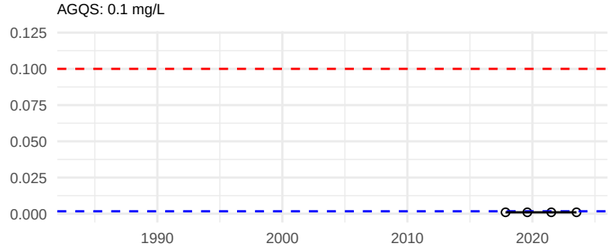
Temperature (C) :

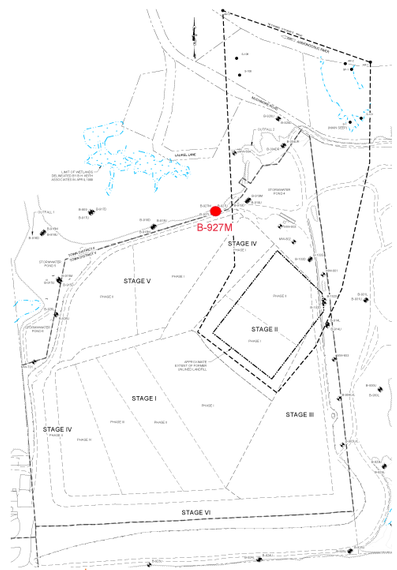


Total Kjeldahl Nitrogen (TKN) (mg/L) :

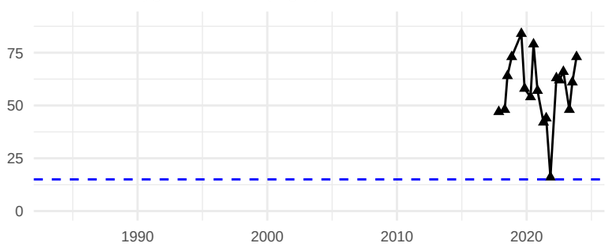


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

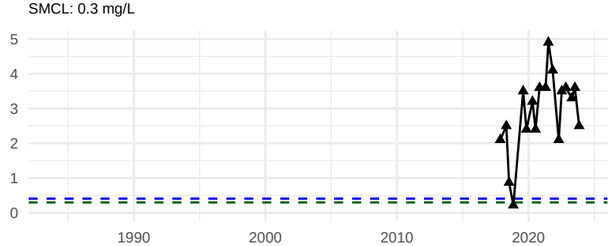




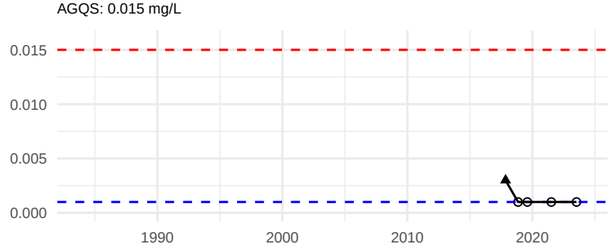
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

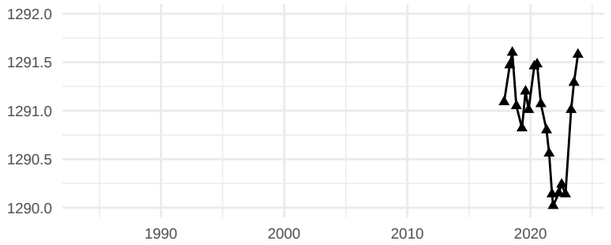


* indicates one or more data points plot outside concentration range shown

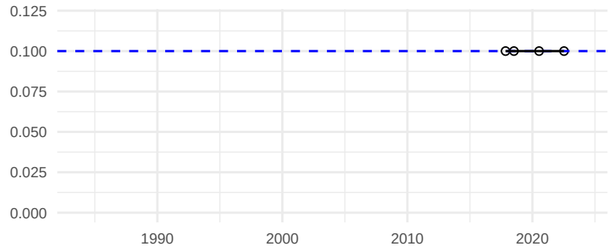
Sanborn, Head & Associates, Inc.

B−927L

Groundwater Elevation (ft) :

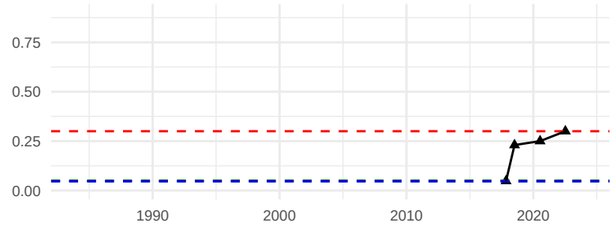


Bromide (mg/L) :



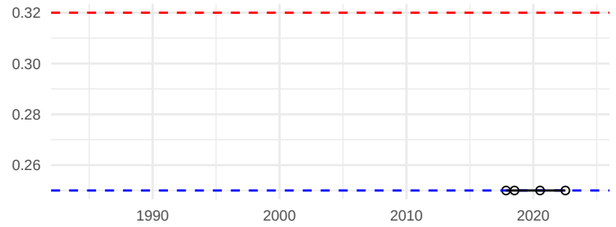
Dissolved Manganese (mg/L) :

AGQS: 0.3 mg/L SMCL: 0.05 mg/L



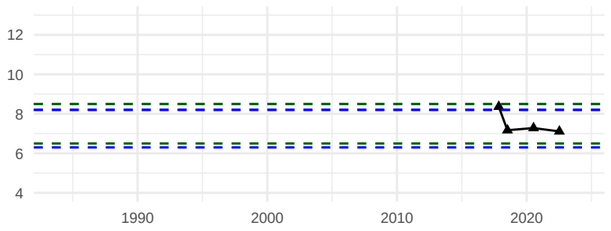
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



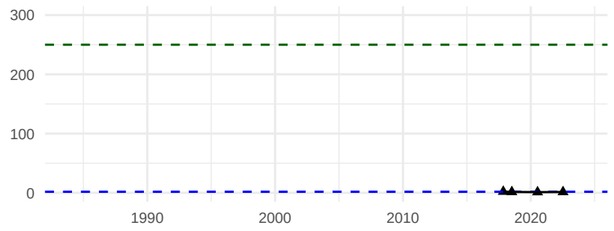
pH (SU) :

SMCL: 6.5 − 8.5 SU



Chloride (mg/L) :

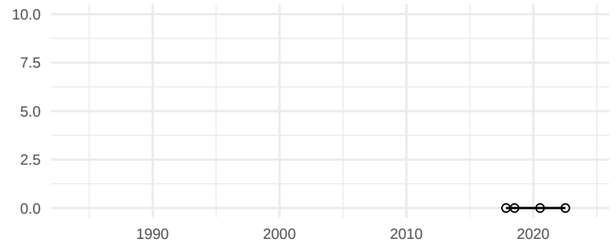
SMCL: 250 mg/L



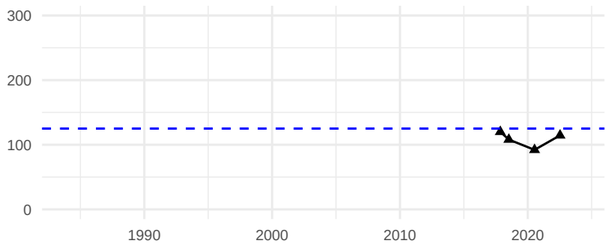
Dissolved Arsenic (mg/L) :

No Data

Total VOCs (ug/L) :

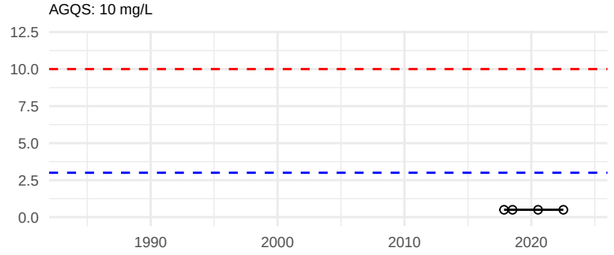


Specific Conductance (uS/cm) :



Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

No Data

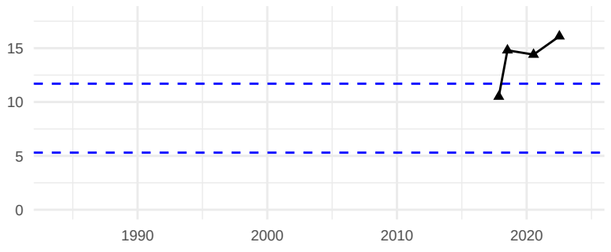
Result

- Detect
- Non−Detect

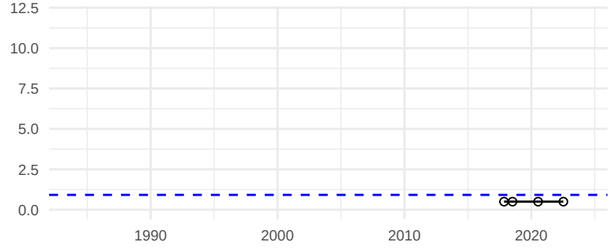
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

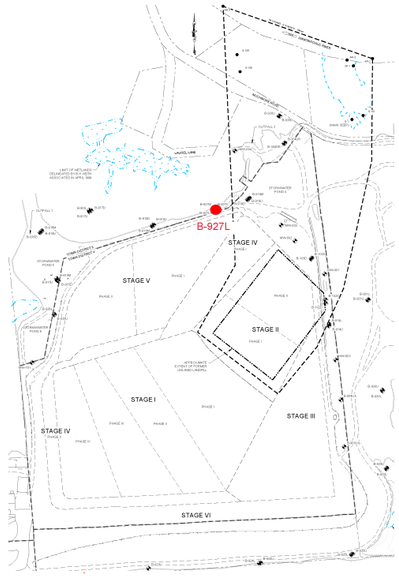


Total Kjeldahl Nitrogen (TKN) (mg/L) :

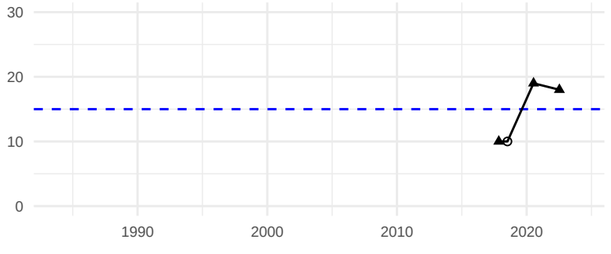


Dissolved Chromium (mg/L) :

No Data

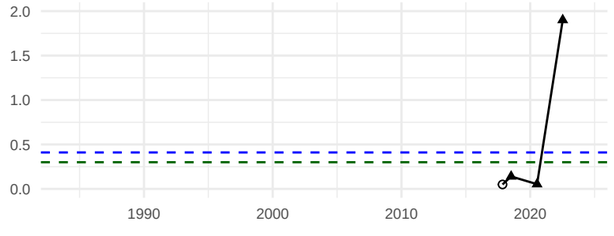


Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

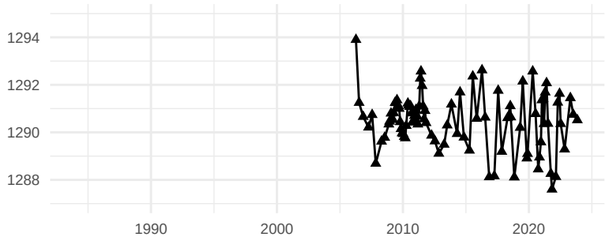
No Data

Release Detection Wells Inside the GMZ

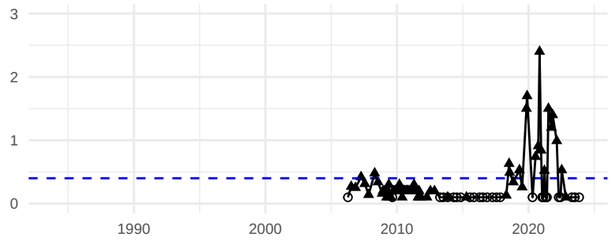
SANBORN HEAD

B−304UR

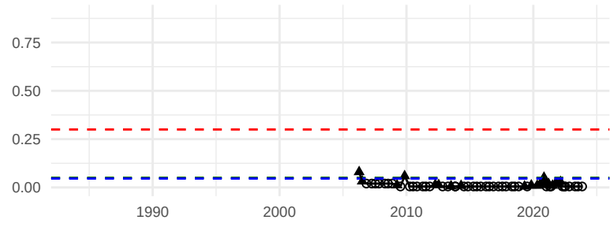
Groundwater Elevation (ft) :



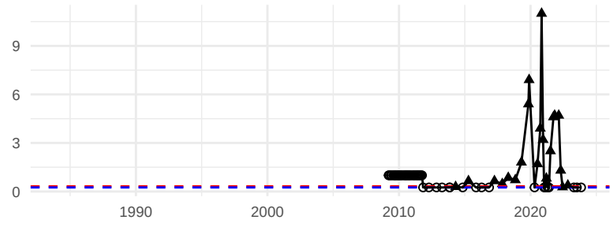
Bromide (mg/L) :



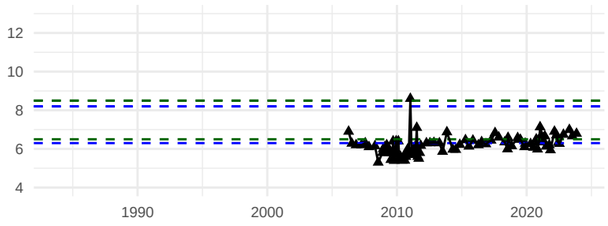
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



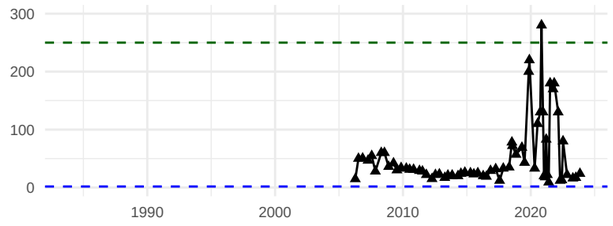
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



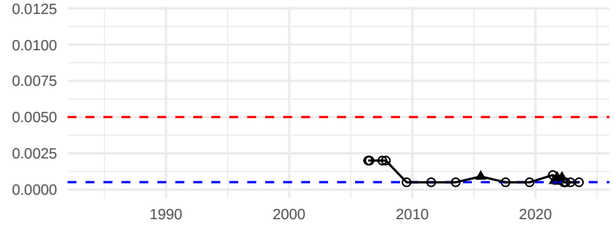
pH (SU) :
SMCL: 6.5 − 8.5 SU



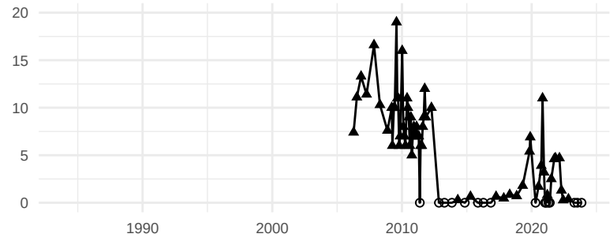
Chloride (mg/L) :
SMCL: 250 mg/L



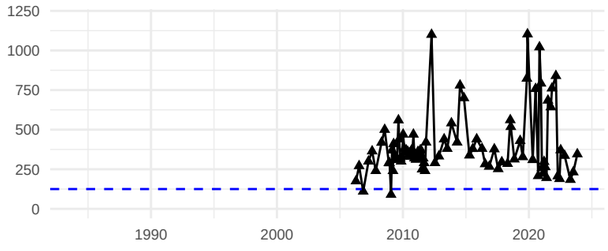
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



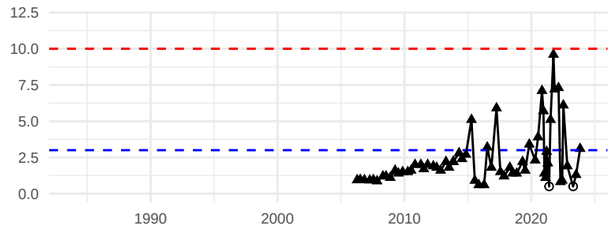
Total VOCs (ug/L) :



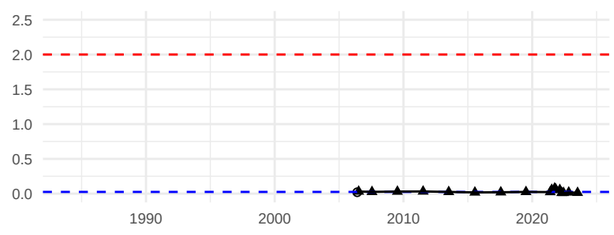
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



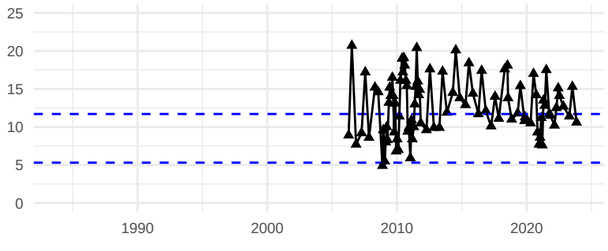
Result

- Detect
- Non−Detect

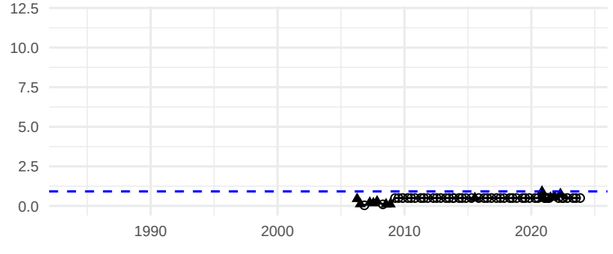
Standard

- AGQS
- SMCL
- Background

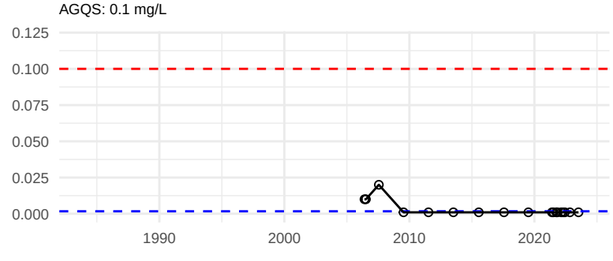
Temperature (C) :

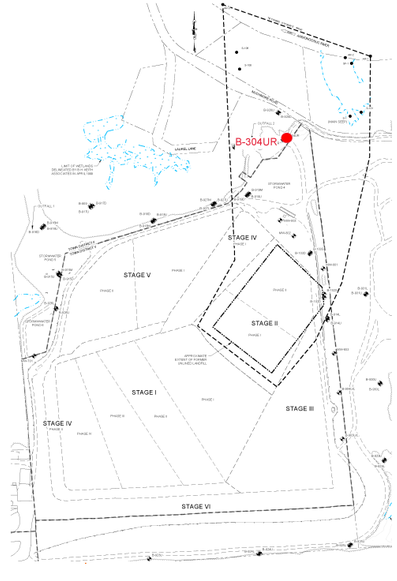


Total Kjeldahl Nitrogen (TKN) (mg/L) :

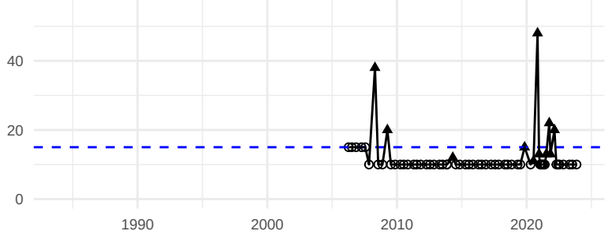


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

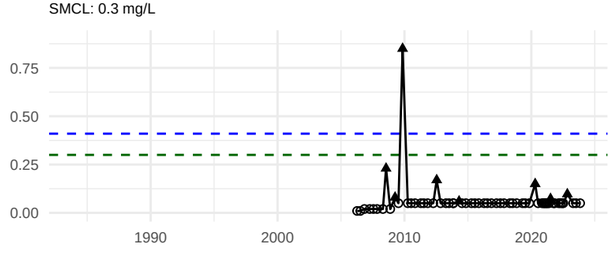




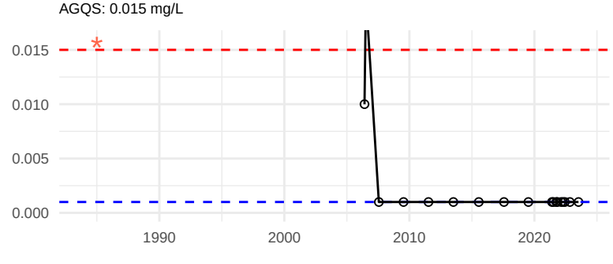
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

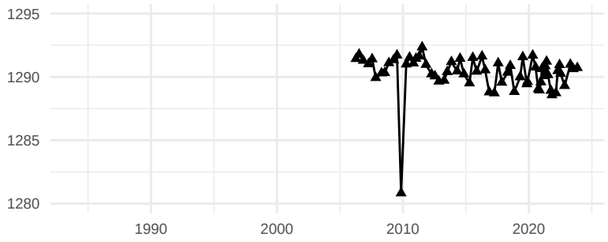


* indicates one or more data points plot outside concentration range shown

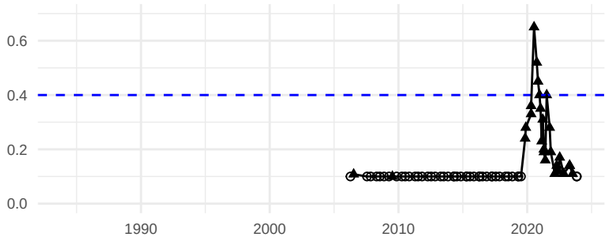
Sanborn, Head & Associates, Inc.

B−304DR

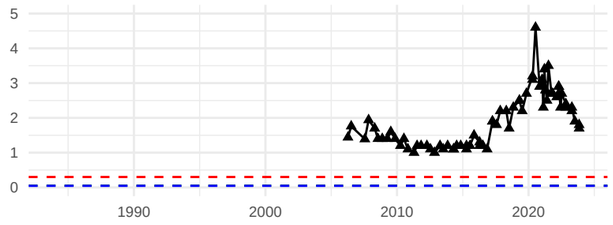
Groundwater Elevation (ft) :



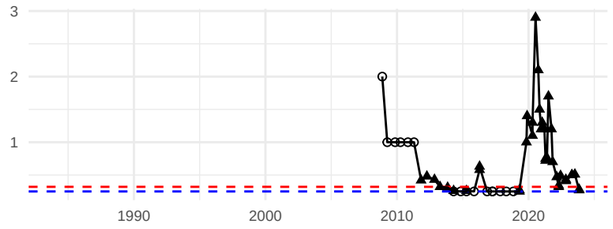
Bromide (mg/L) :



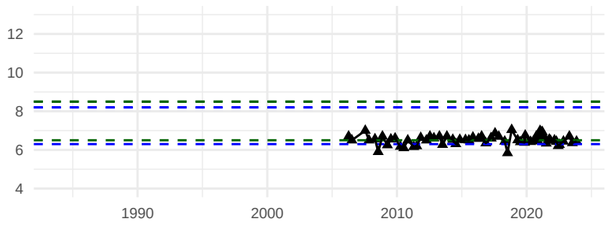
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



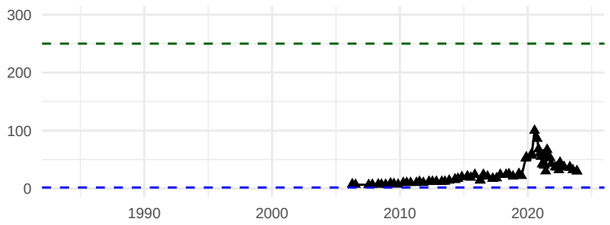
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



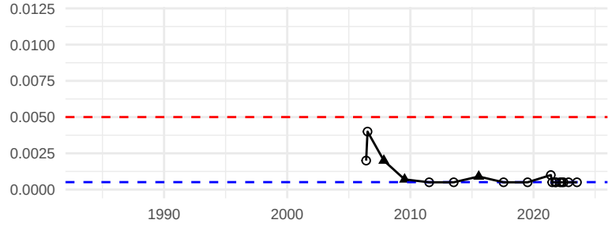
pH (SU) :
SMCL: 6.5 − 8.5 SU



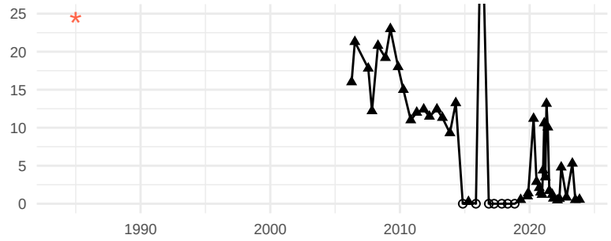
Chloride (mg/L) :
SMCL: 250 mg/L



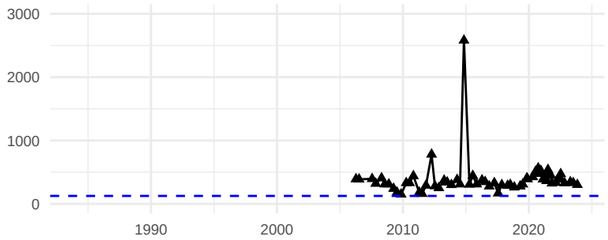
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



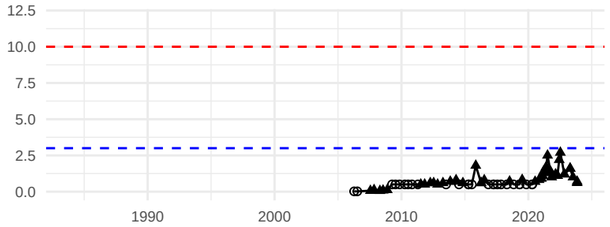
Total VOCs (ug/L) :



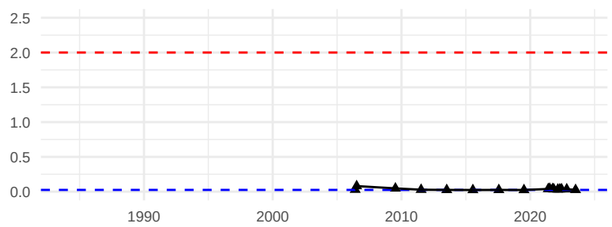
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



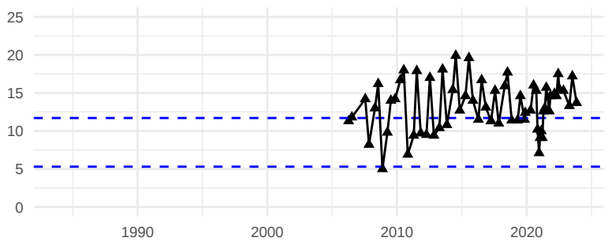
Result

- Detect
- Non−Detect

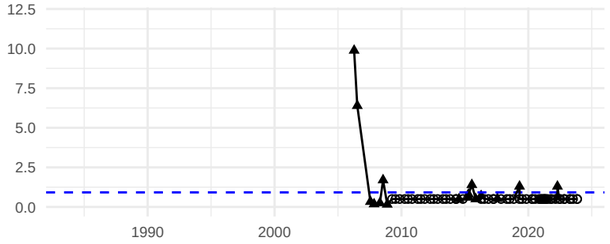
Standard

- AGQS
- SMCL
- Background

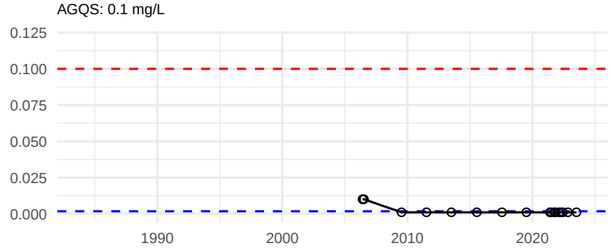
Temperature (C) :

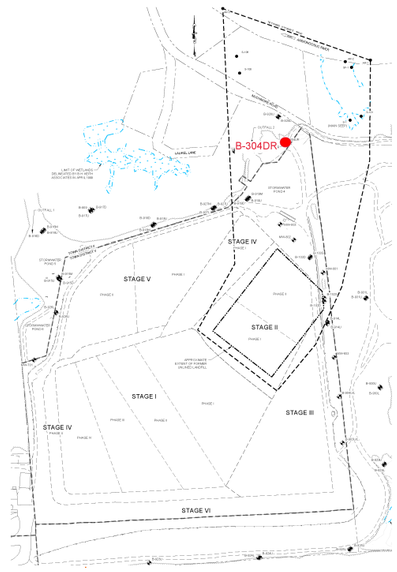


Total Kjeldahl Nitrogen (TKN) (mg/L) :

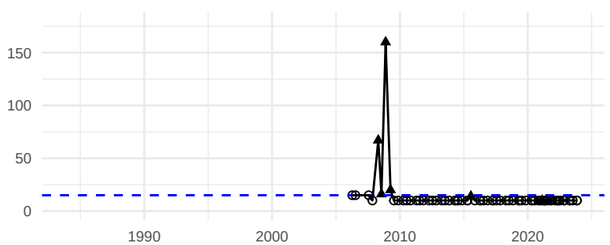


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

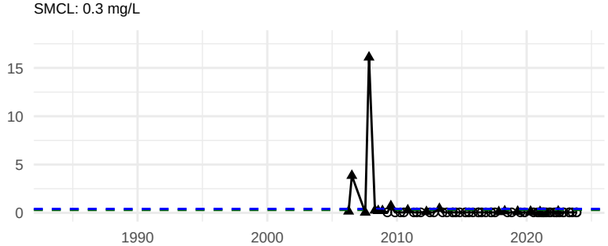




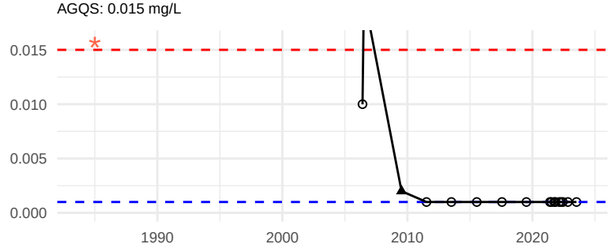
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



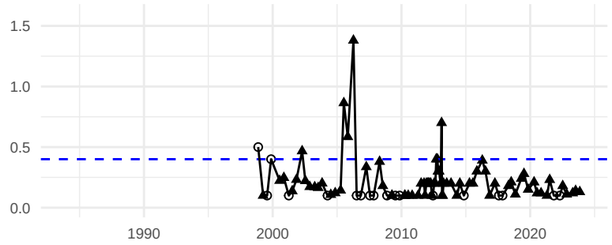
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

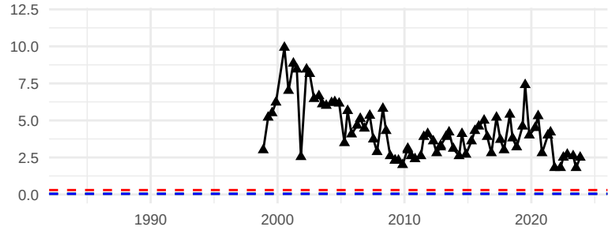
MW−802

Groundwater Elevation (ft) :

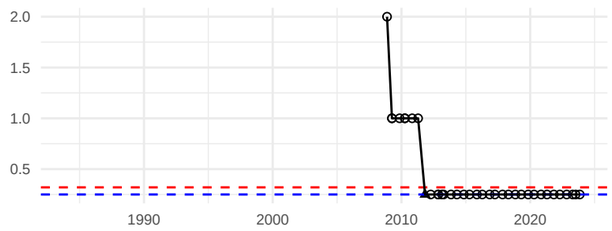
Bromide (mg/L) :



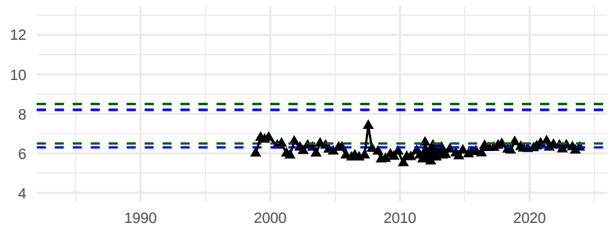
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



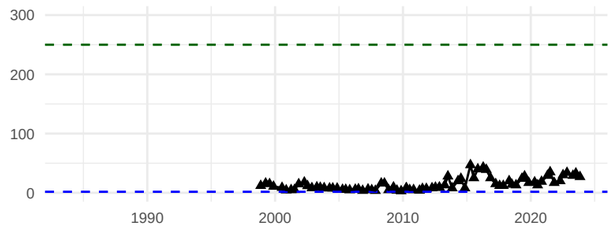
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



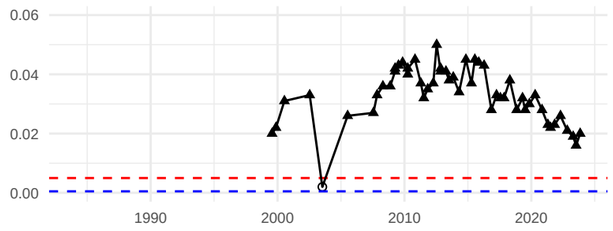
pH (SU) :
SMCL: 6.5 − 8.5 SU



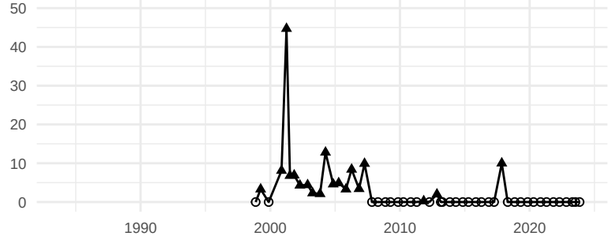
Chloride (mg/L) :
SMCL: 250 mg/L



Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L

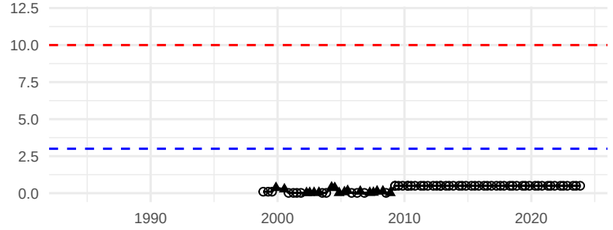


Total VOCs (ug/L) :

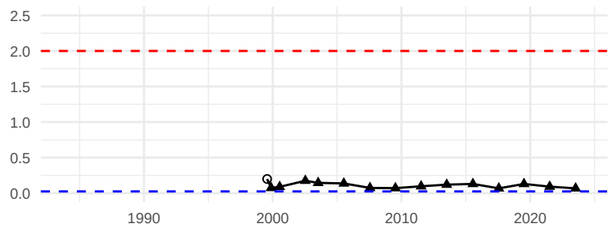


Specific Conductance (uS/cm) :

Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



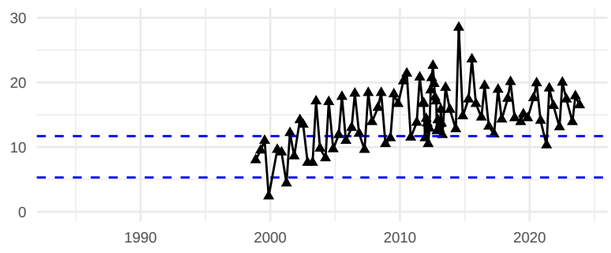
Result

- Detect
- Non−Detect

Standard

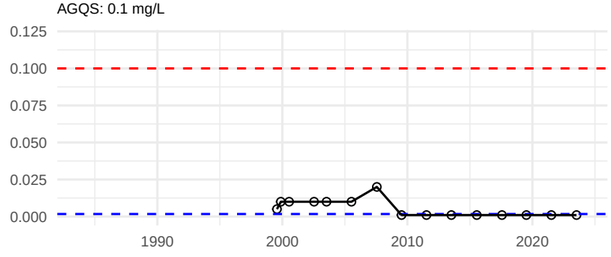
- AGQS
- SMCL
- Background

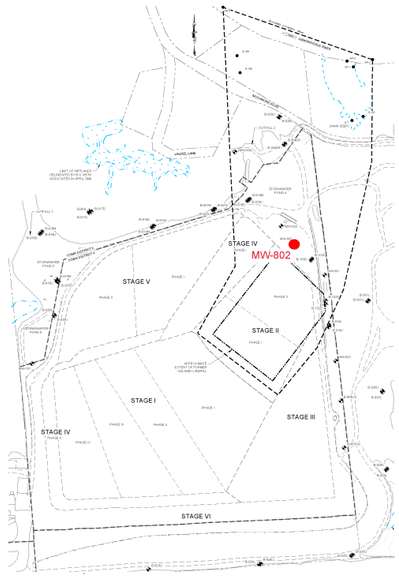
Temperature (C) :



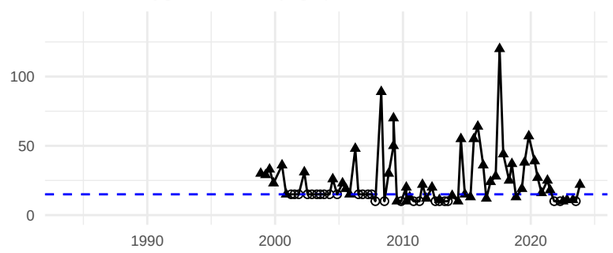
Total Kjeldahl Nitrogen (TKN) (mg/L) :

Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

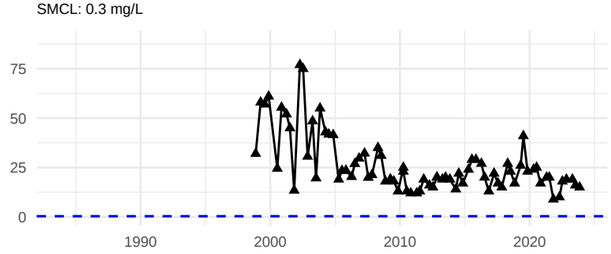




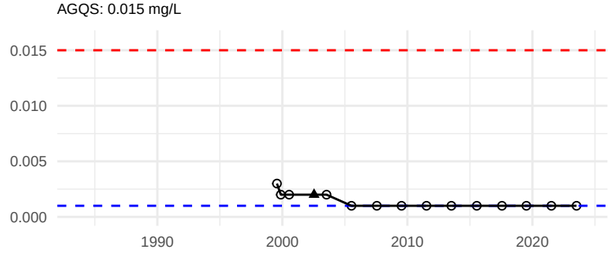
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



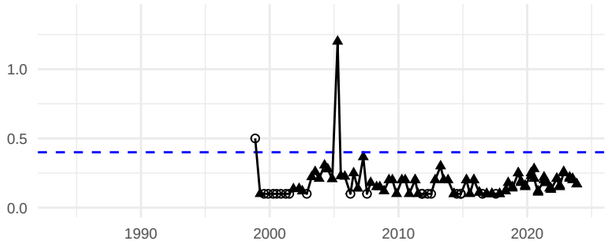
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



MW−803

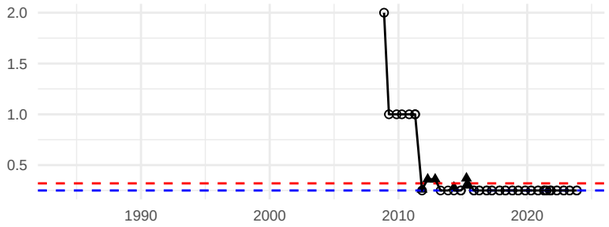
Groundwater Elevation (ft) :

Bromide (mg/L) :

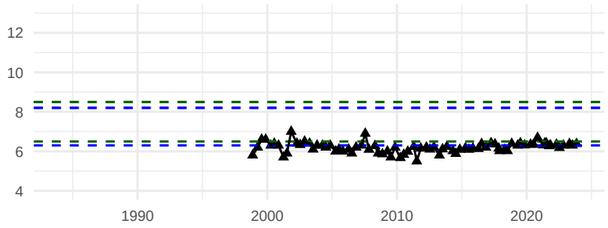


Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L

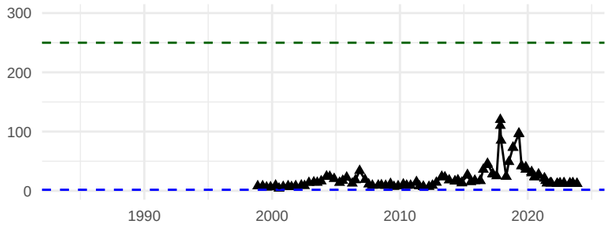
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



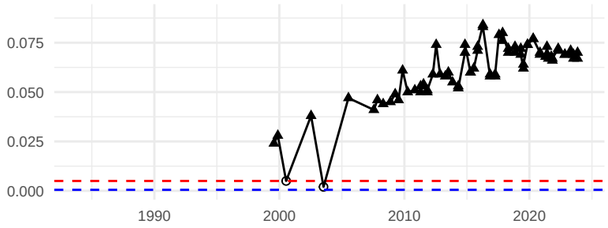
pH (SU) :
SMCL: 6.5 − 8.5 SU



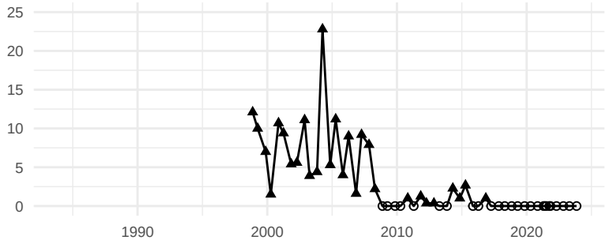
Chloride (mg/L) :
SMCL: 250 mg/L



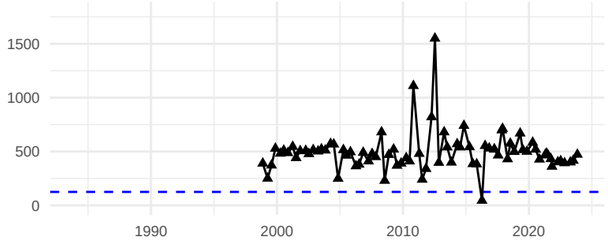
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



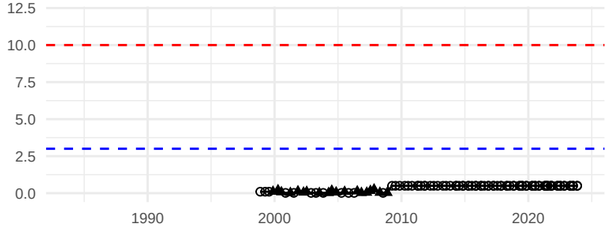
Total VOCs (ug/L) :



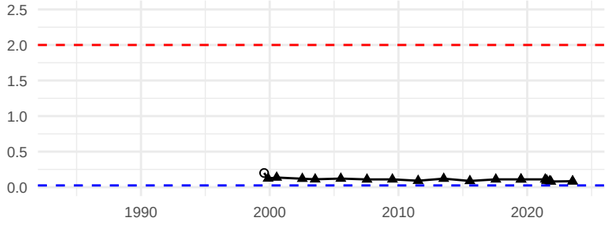
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



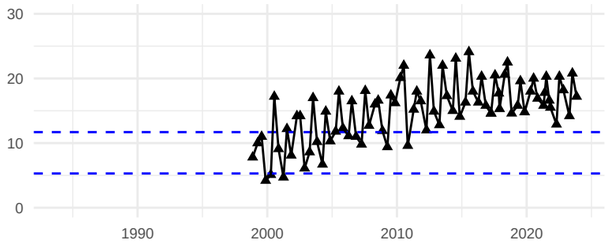
Result

- Detect
- Non−Detect

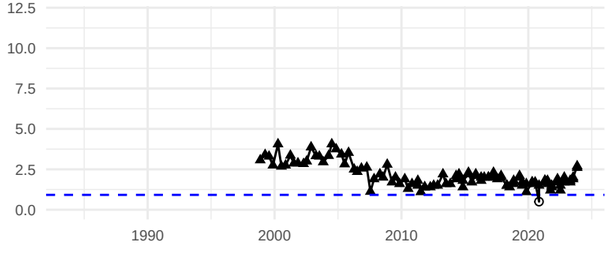
Standard

- AGQS
- SMCL
- Background

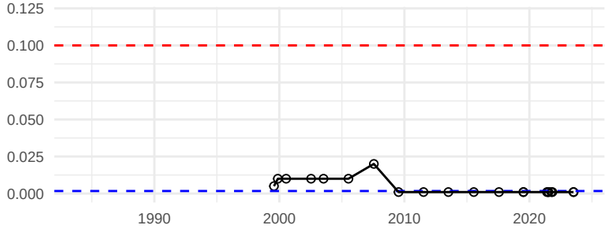
Temperature (C) :

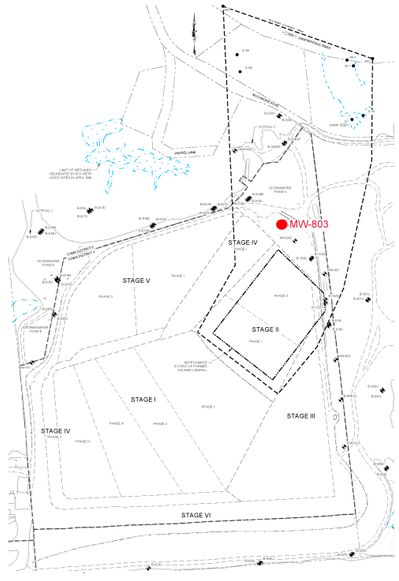


Total Kjeldahl Nitrogen (TKN) (mg/L) :

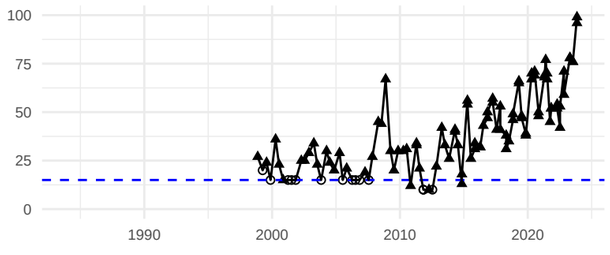


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

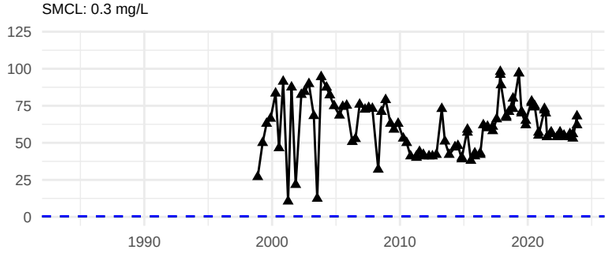




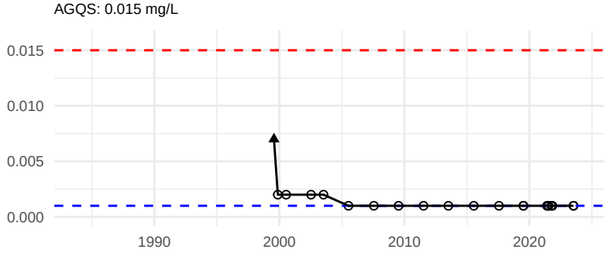
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

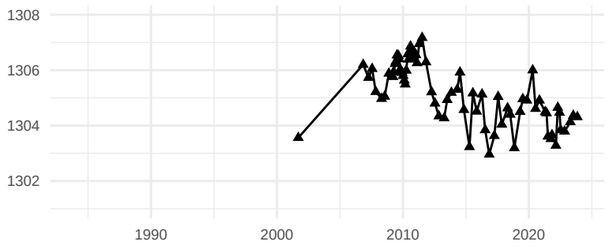


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

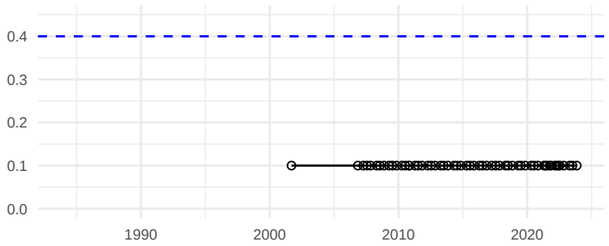


B−919U

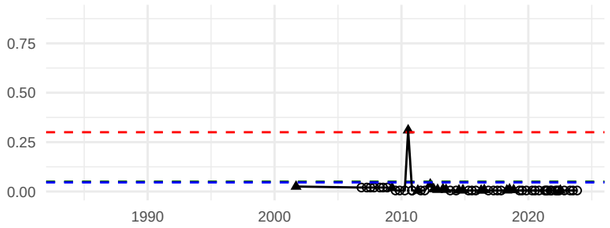
Groundwater Elevation (ft) :



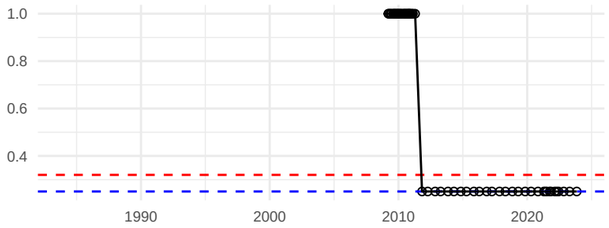
Bromide (mg/L) :



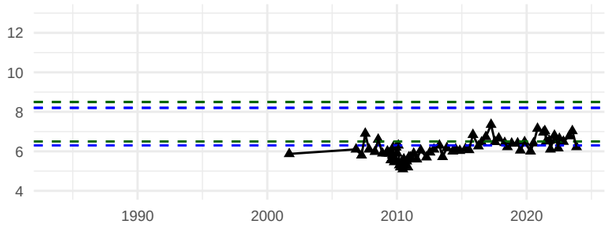
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



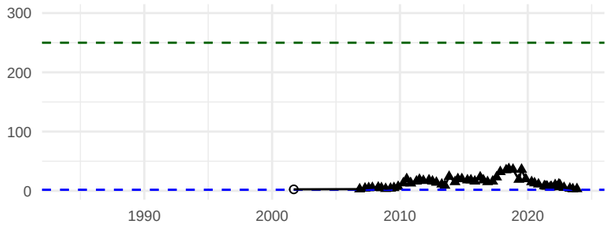
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



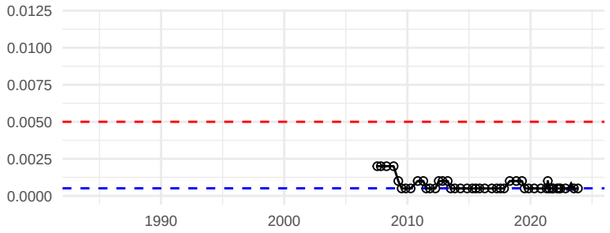
pH (SU) :
SMCL: 6.5 − 8.5 SU



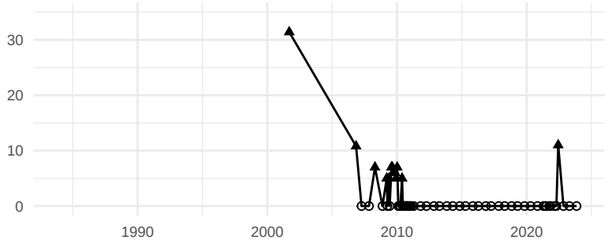
Chloride (mg/L) :
SMCL: 250 mg/L



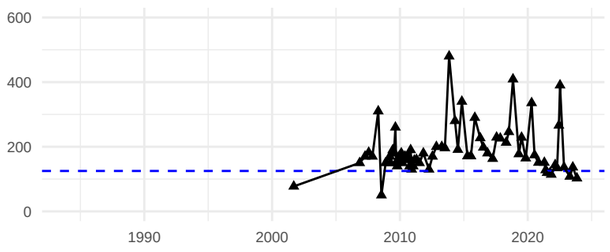
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



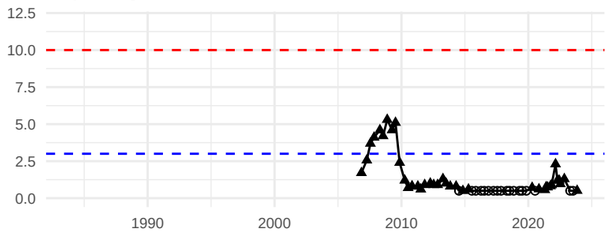
Total VOCs (ug/L) :



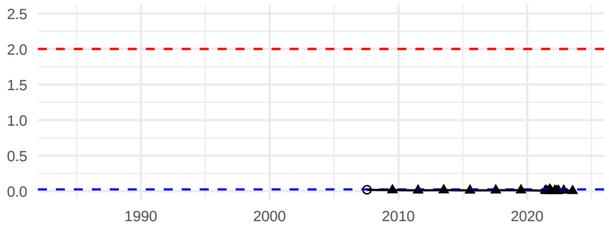
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



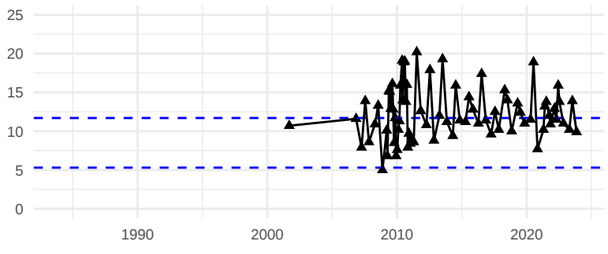
Result

- Detect
- Non−Detect

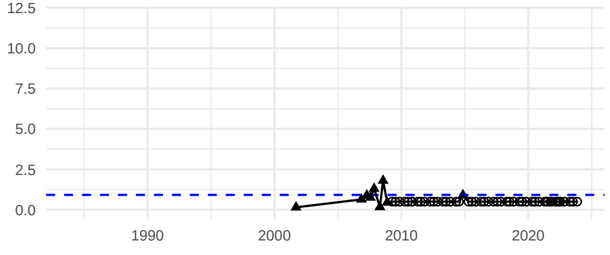
Standard

- AGQS
- SMCL
- Background

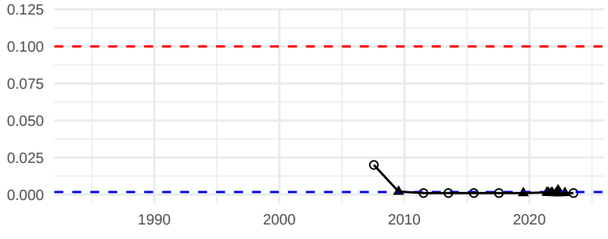
Temperature (C) :

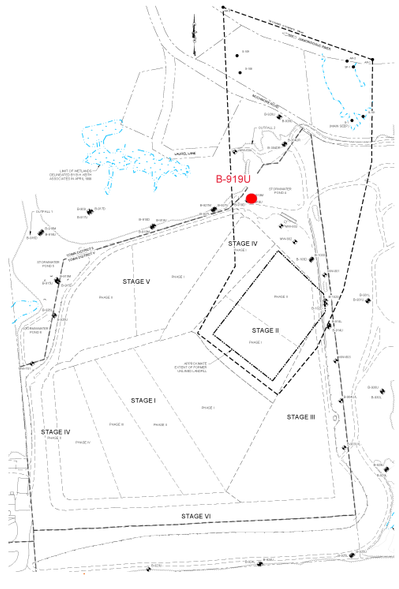


Total Kjeldahl Nitrogen (TKN) (mg/L) :

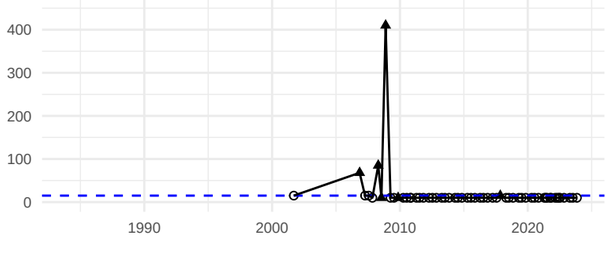


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

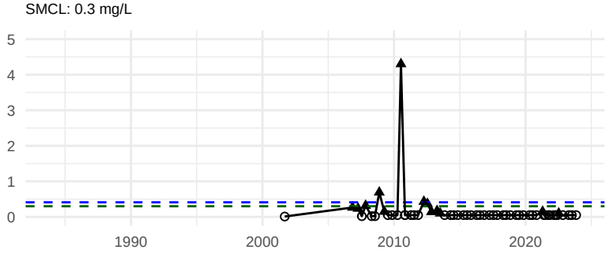




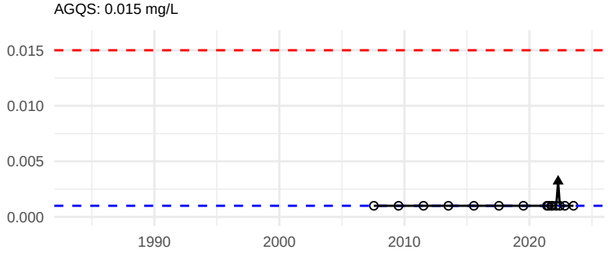
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

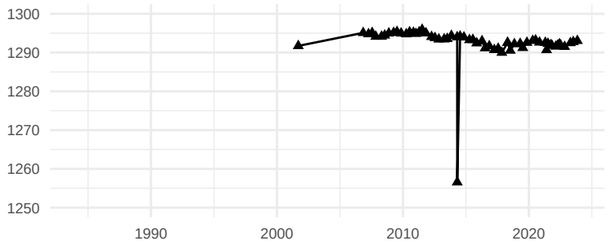


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

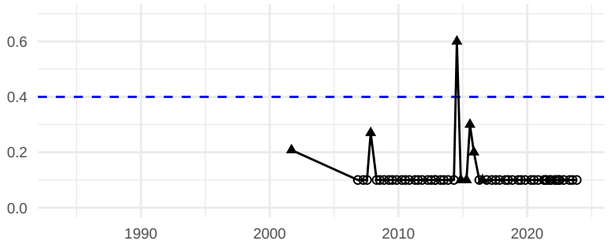


B−919M

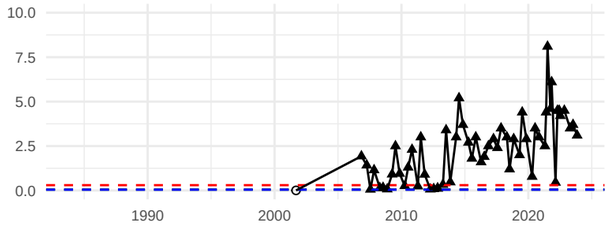
Groundwater Elevation (ft) :



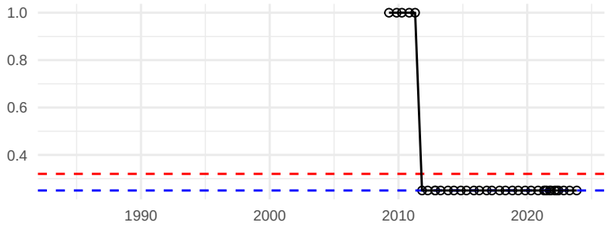
Bromide (mg/L) :



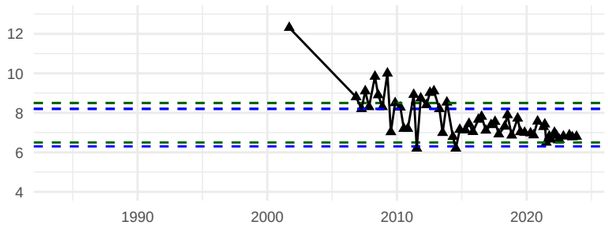
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



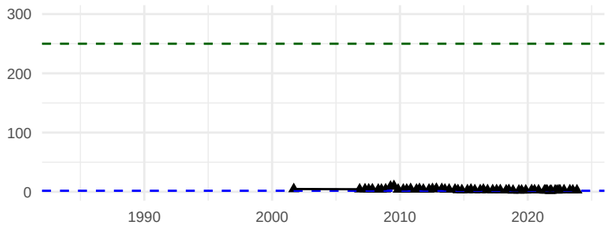
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



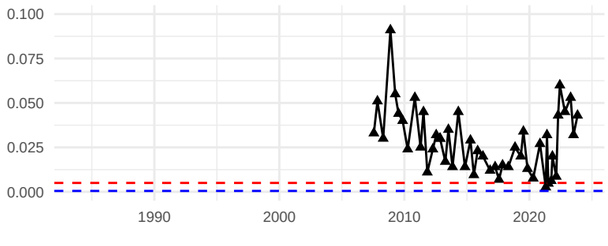
pH (SU) :
SMCL: 6.5 − 8.5 SU



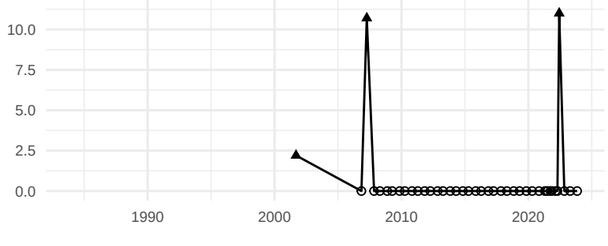
Chloride (mg/L) :
SMCL: 250 mg/L



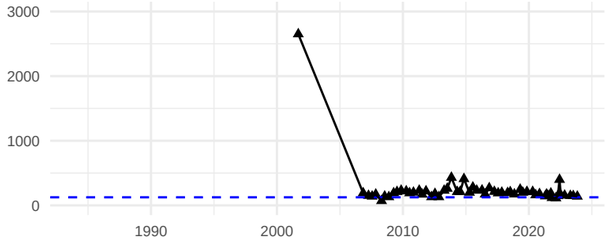
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



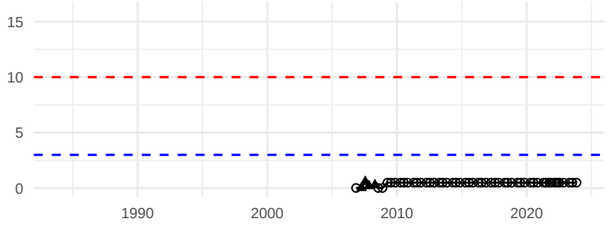
Total VOCs (ug/L) :



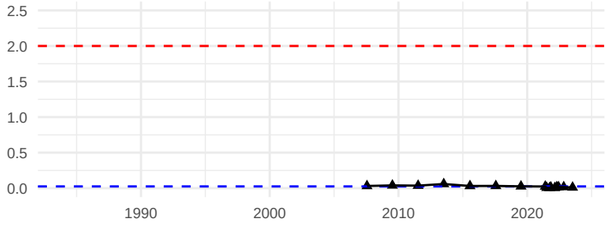
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



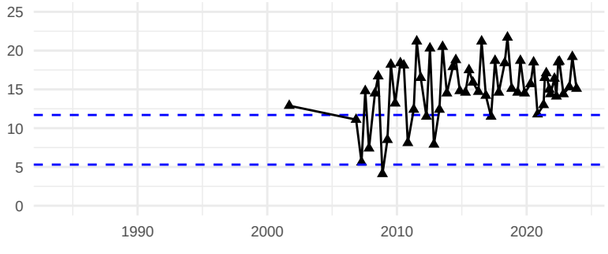
Result

- Detect
- Non−Detect

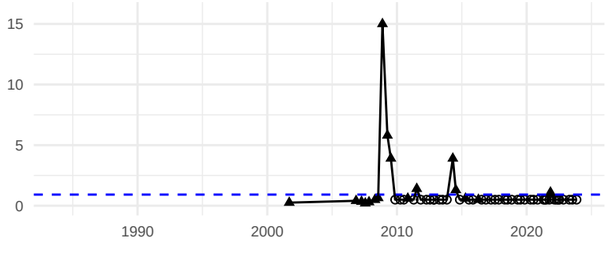
Standard

- AGQS
- SMCL
- Background

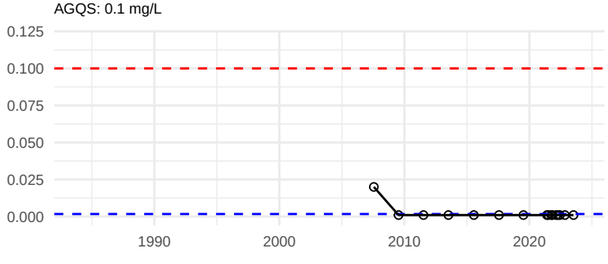
Temperature (C) :

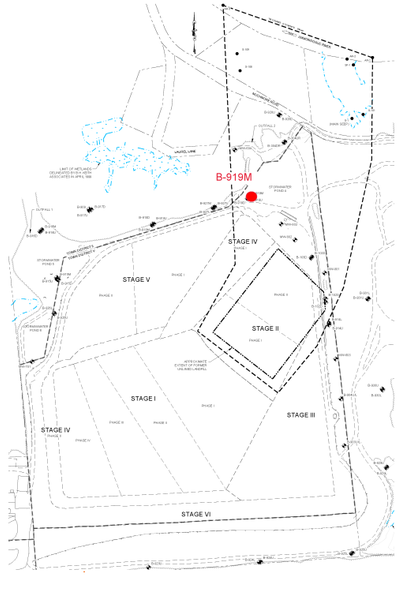


Total Kjeldahl Nitrogen (TKN) (mg/L) :

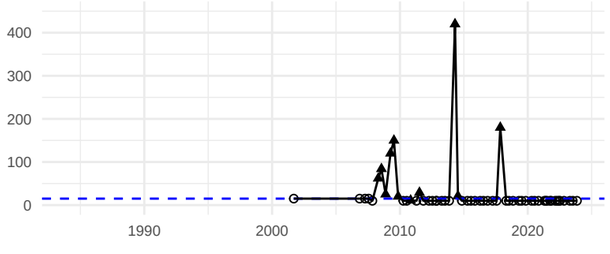


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

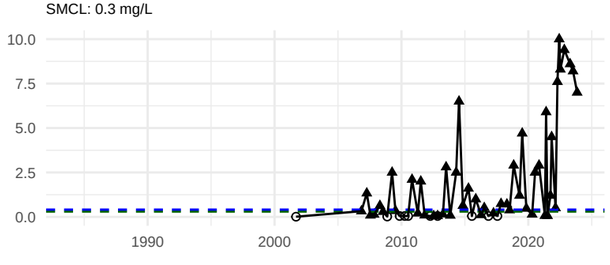




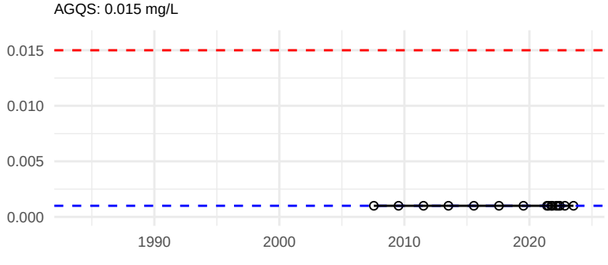
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

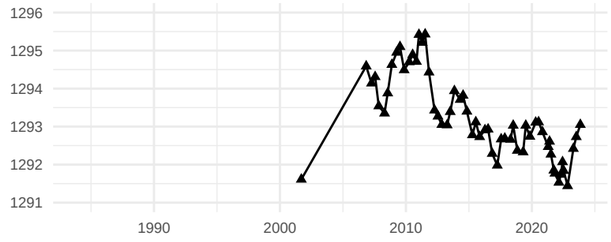


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

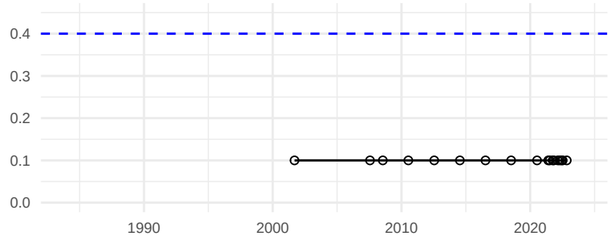


B−919D

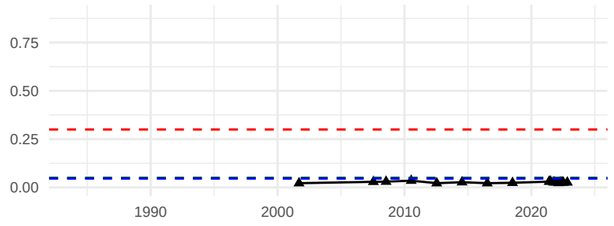
Groundwater Elevation (ft) :



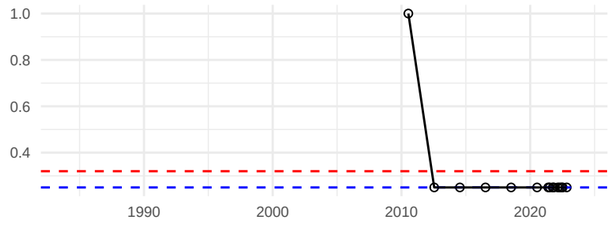
Bromide (mg/L) :



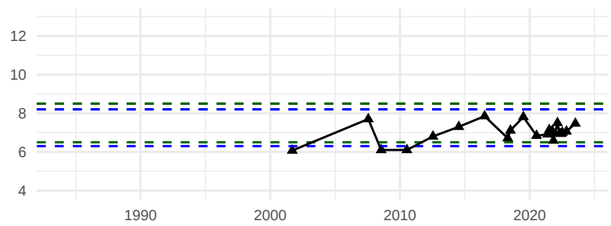
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



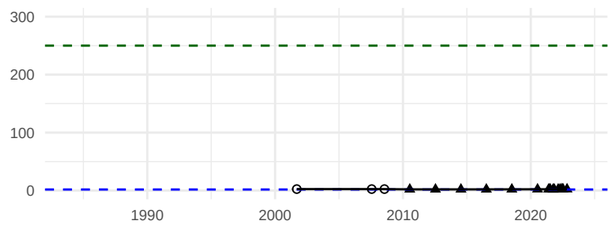
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



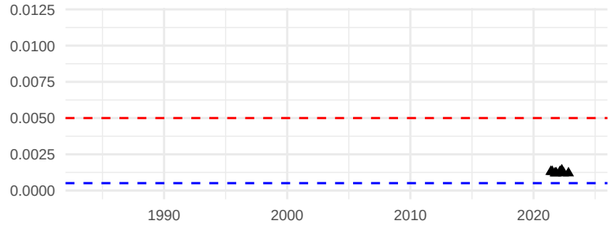
pH (SU) :
SMCL: 6.5 − 8.5 SU



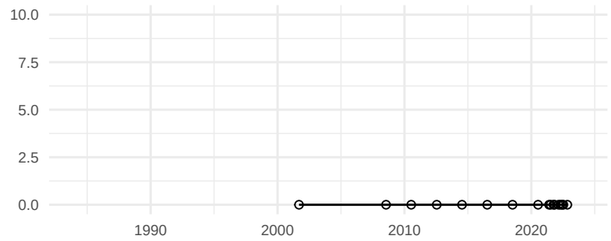
Chloride (mg/L) :
SMCL: 250 mg/L



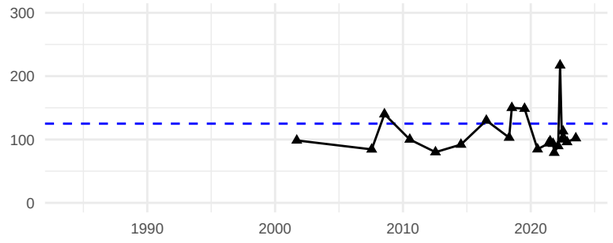
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



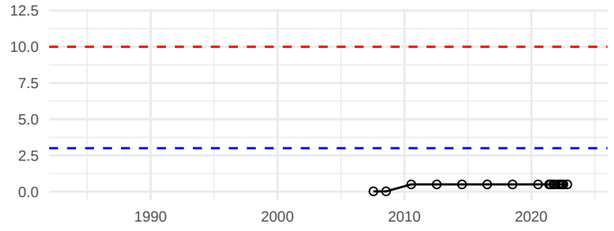
Total VOCs (ug/L) :



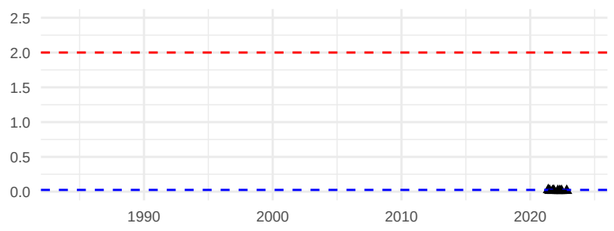
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



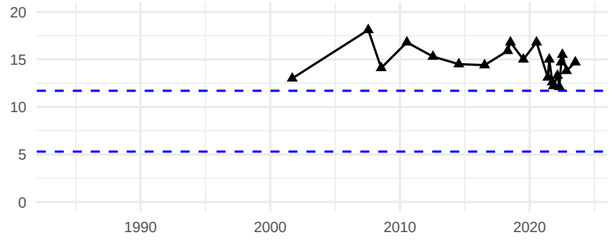
Result

- Detect
- Non−Detect

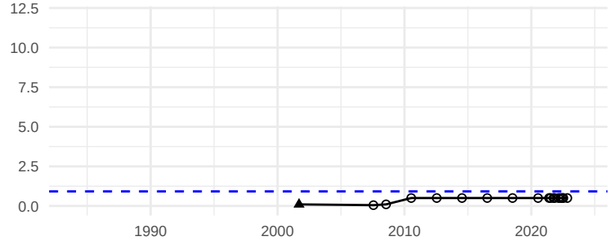
Standard

- AGQS
- SMCL
- Background

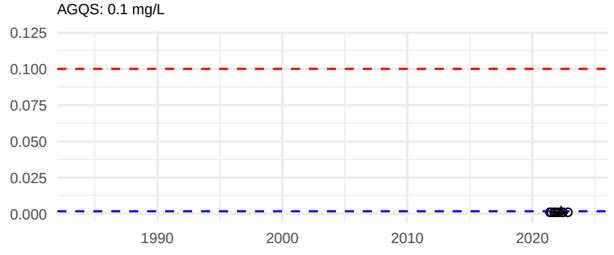
Temperature (C) :

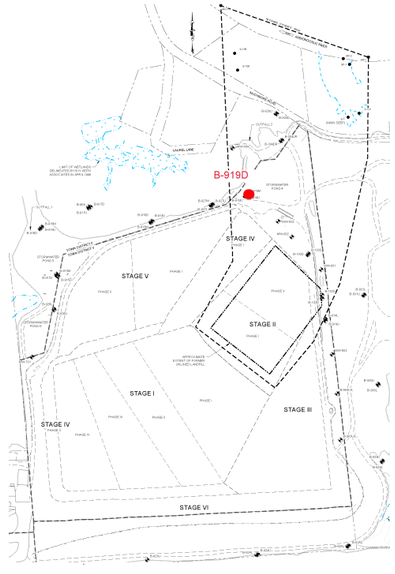


Total Kjeldahl Nitrogen (TKN) (mg/L) :

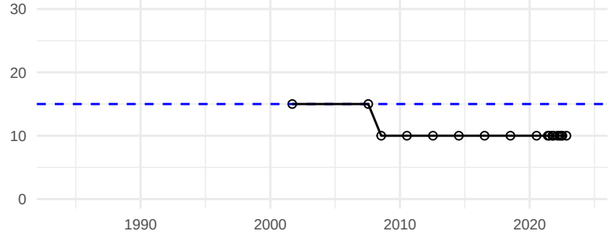


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

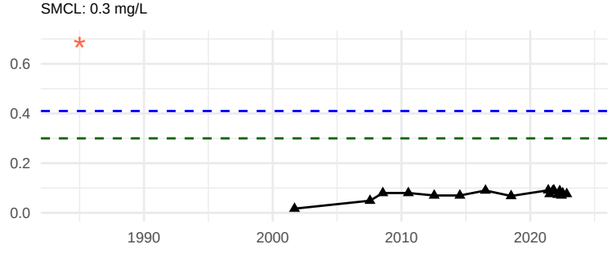




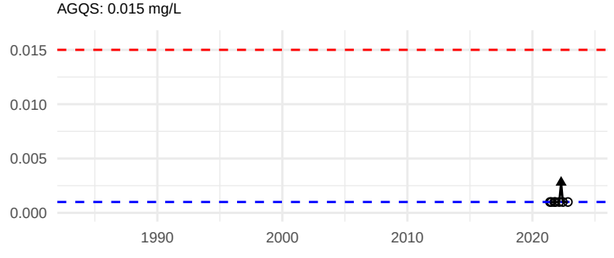
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

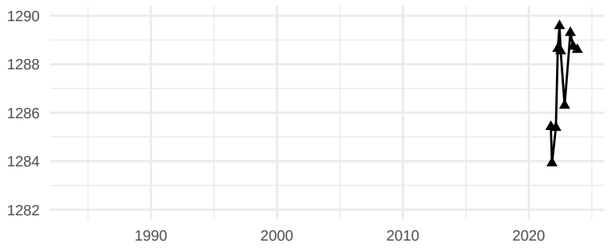


* indicates one or more data points plot outside concentration range shown

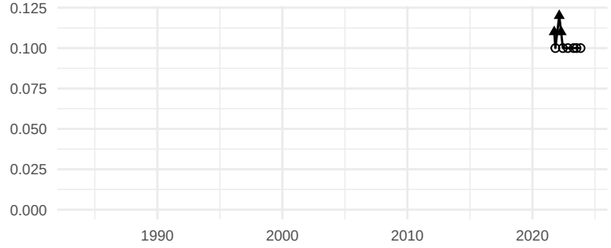
Sanborn, Head & Associates, Inc.

B−928U

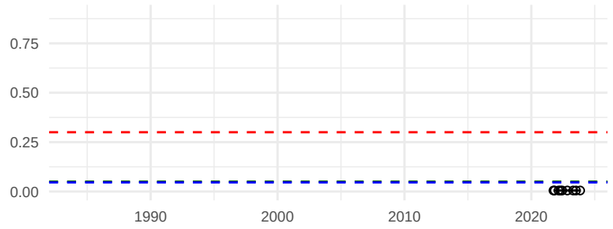
Groundwater Elevation (ft) :



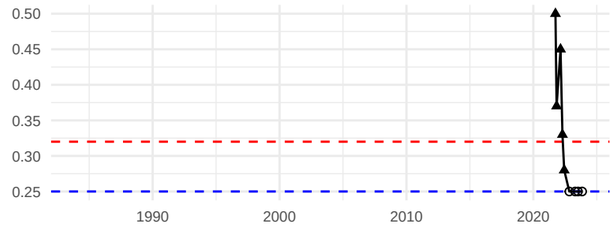
Bromide (mg/L) :



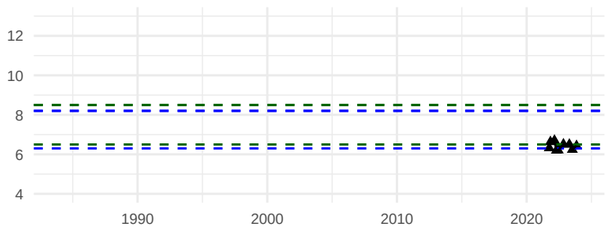
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



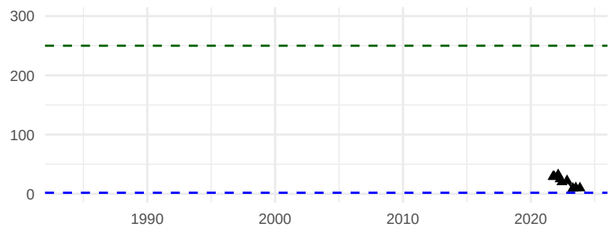
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



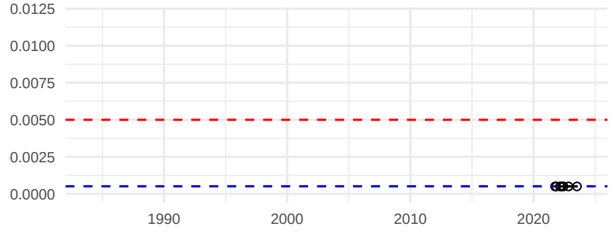
pH (SU) :
SMCL: 6.5 − 8.5 SU



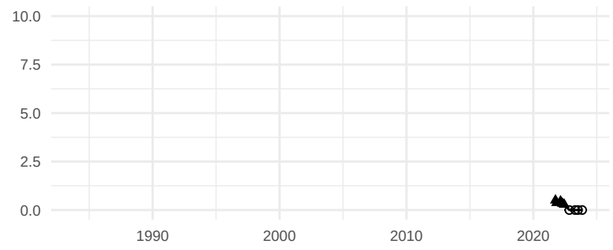
Chloride (mg/L) :
SMCL: 250 mg/L



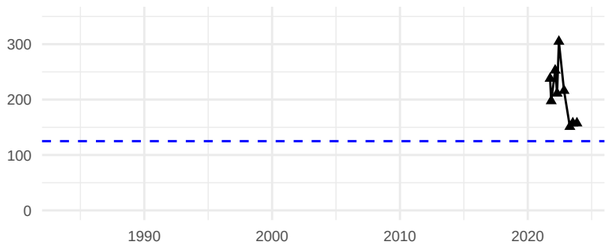
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



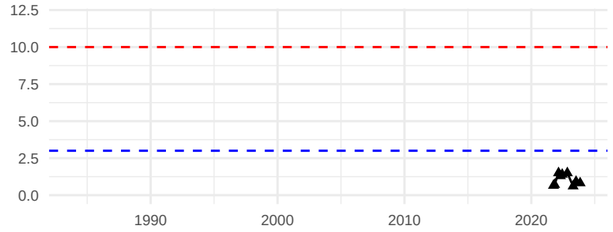
Total VOCs (ug/L) :



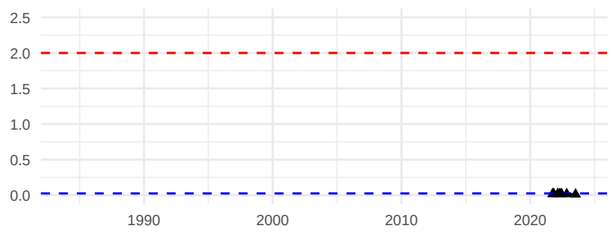
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



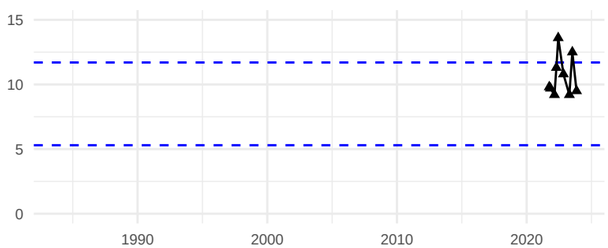
Result

- Detect
- Non−Detect

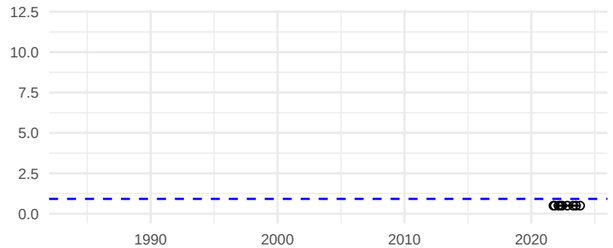
Standard

- AGQS
- SMCL
- Background

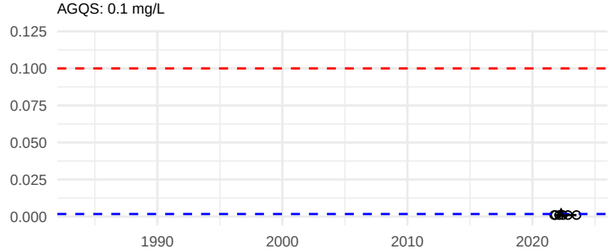
Temperature (C) :

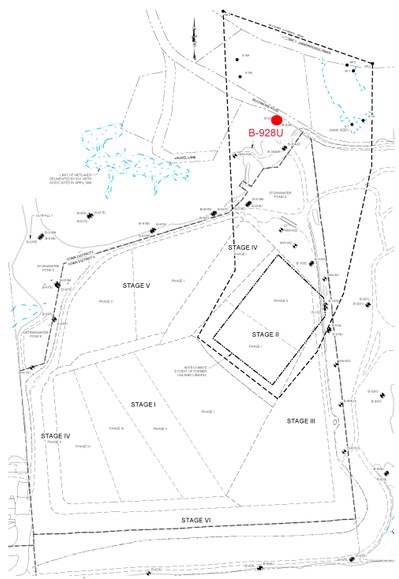


Total Kjeldahl Nitrogen (TKN) (mg/L) :

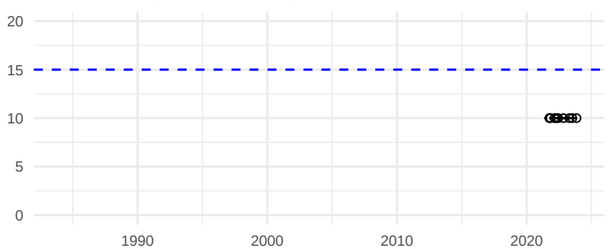


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

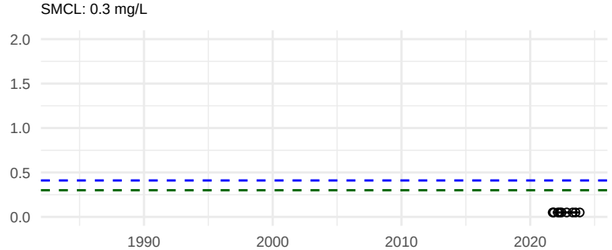




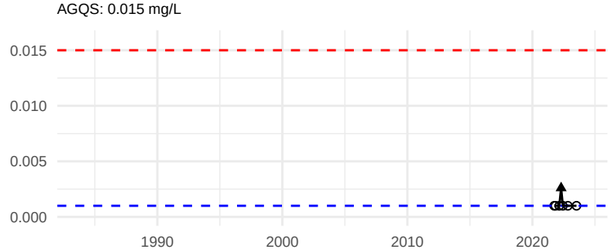
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

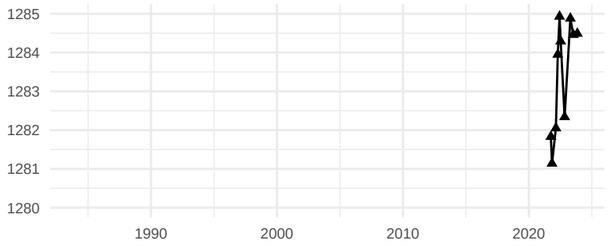


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

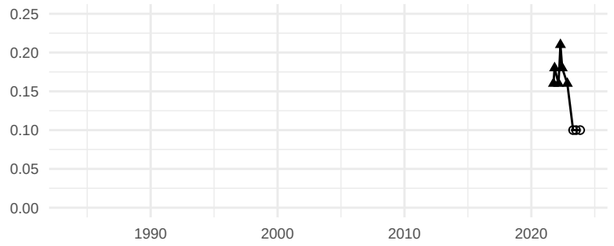


B−928D

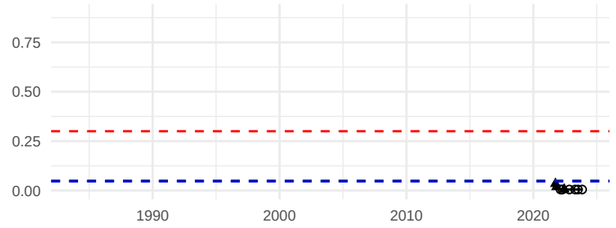
Groundwater Elevation (ft) :



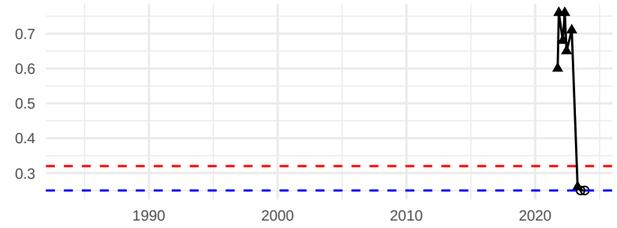
Bromide (mg/L) :



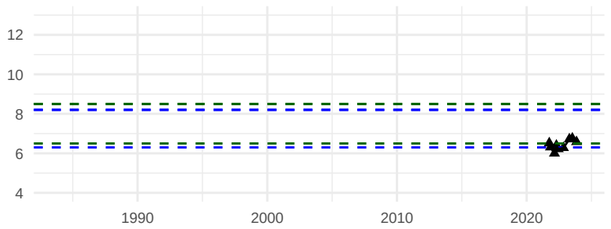
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



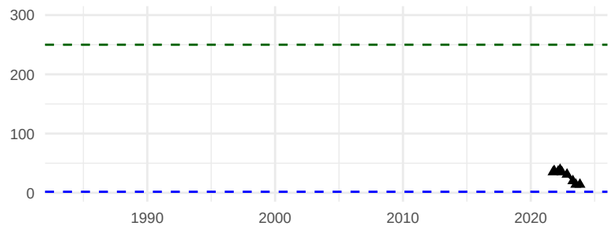
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



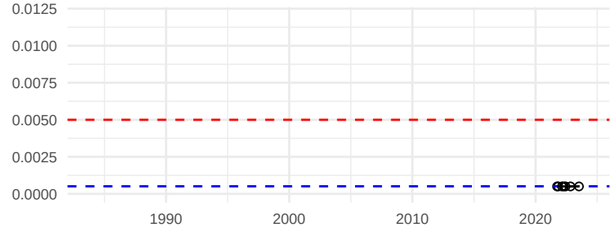
pH (SU) :
SMCL: 6.5 − 8.5 SU



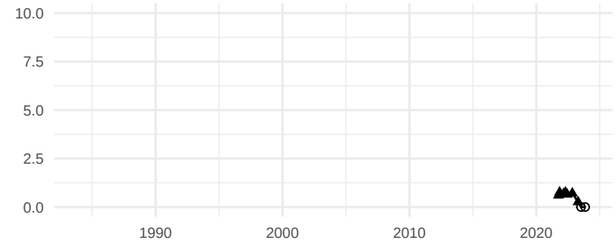
Chloride (mg/L) :
SMCL: 250 mg/L



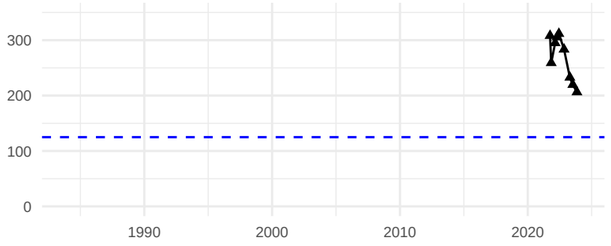
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



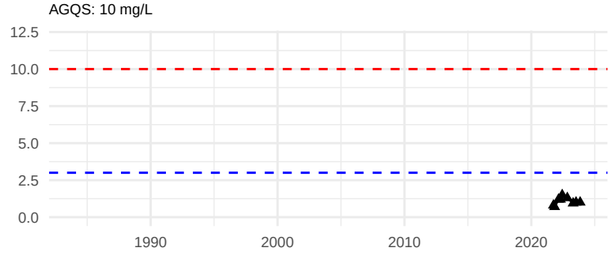
Total VOCs (ug/L) :



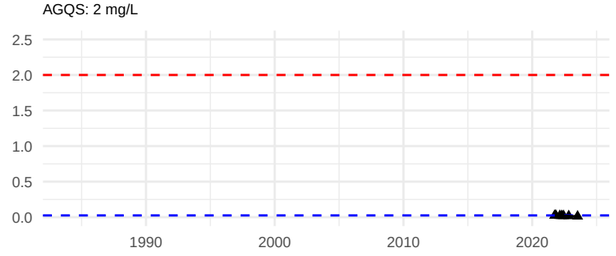
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



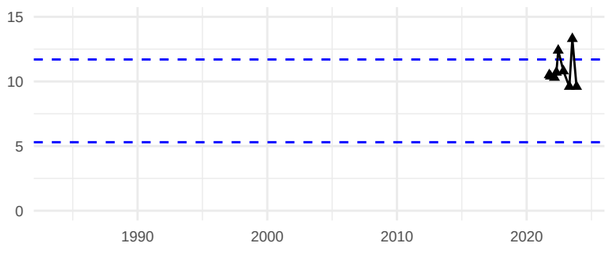
Result

- Detect
- Non−Detect

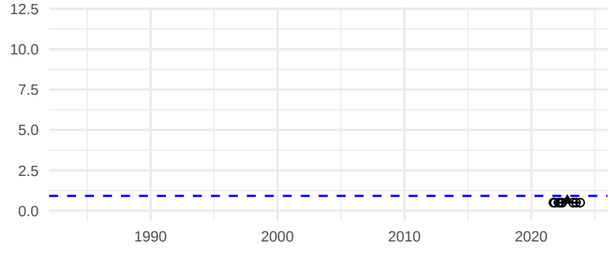
Standard

- AGQS
- SMCL
- Background

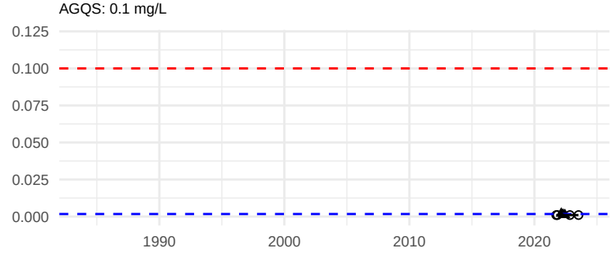
Temperature (C) :

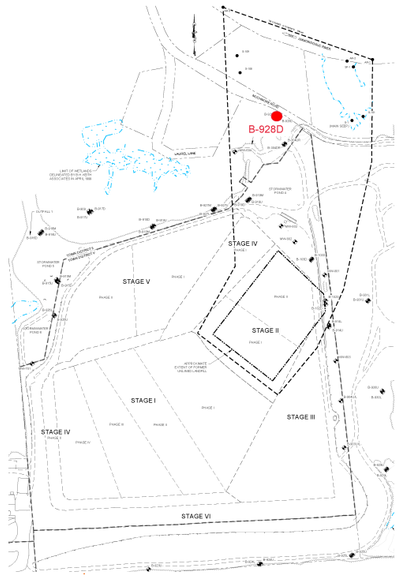


Total Kjeldahl Nitrogen (TKN) (mg/L) :

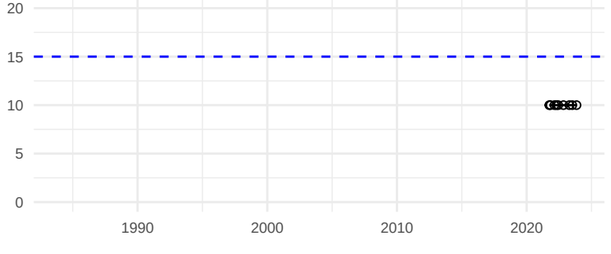


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

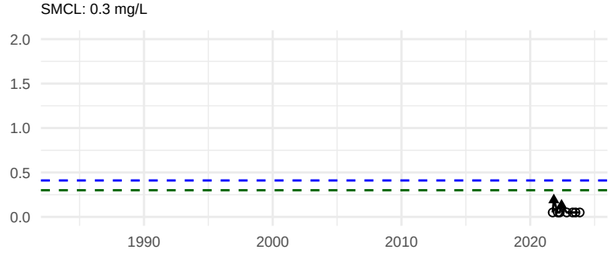




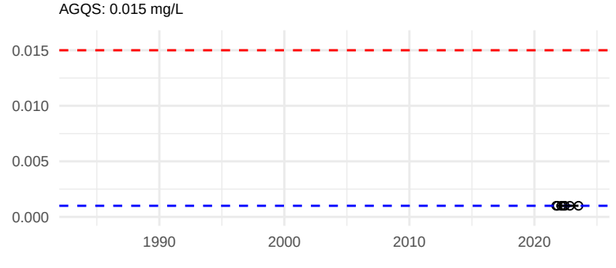
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

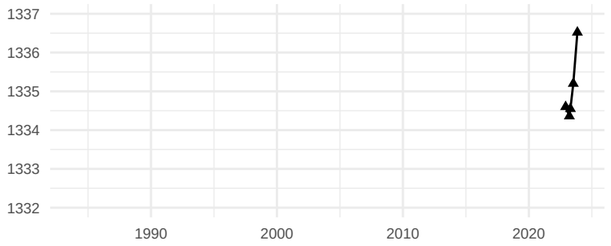


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

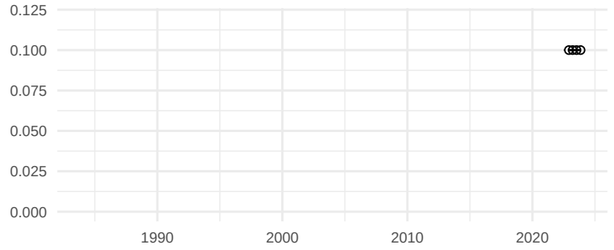


B−930U

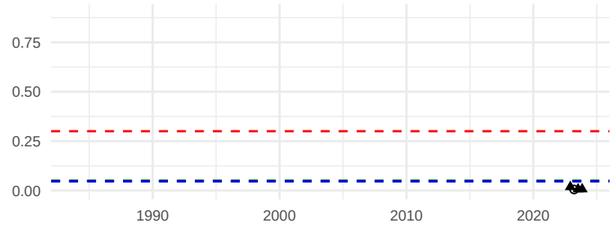
Groundwater Elevation (ft) :



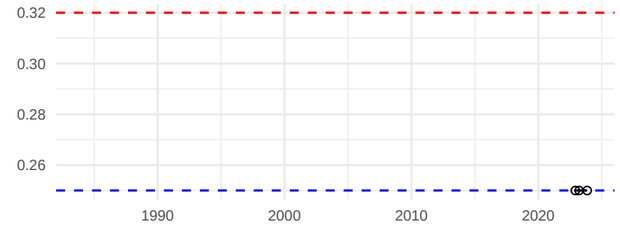
Bromide (mg/L) :



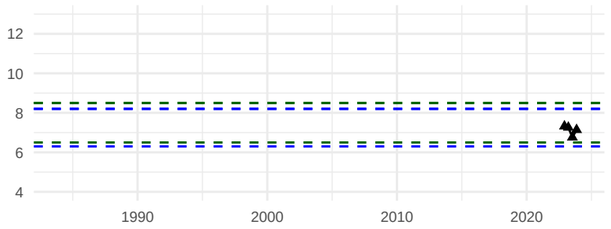
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



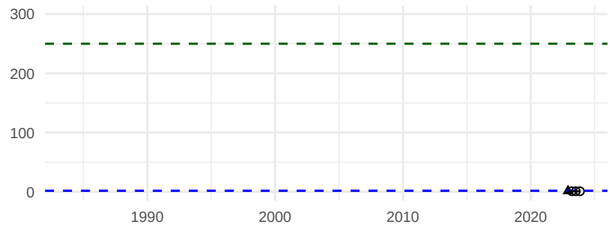
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



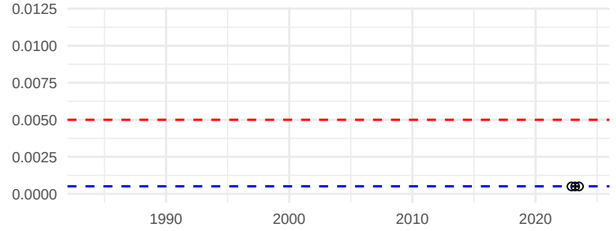
pH (SU) :
SMCL: 6.5 − 8.5 SU



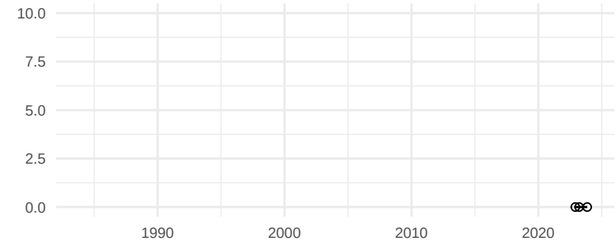
Chloride (mg/L) :
SMCL: 250 mg/L



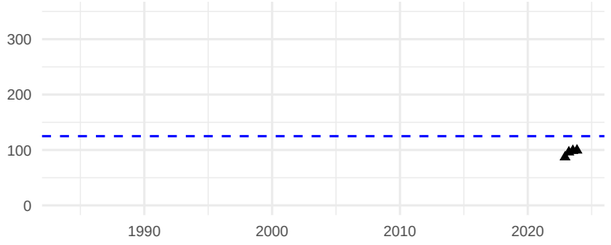
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



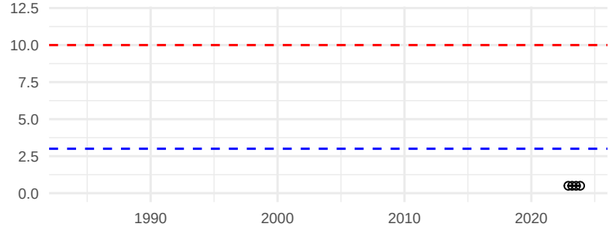
Total VOCs (ug/L) :



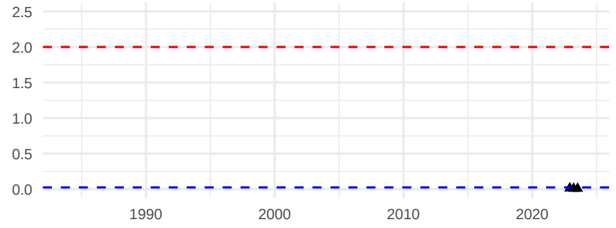
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



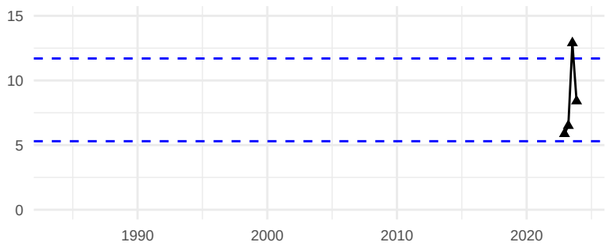
Result

- Detect
- Non−Detect

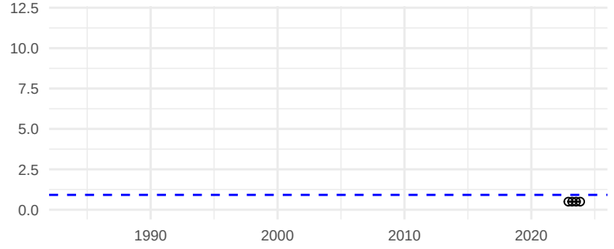
Standard

- AGQS
- SMCL
- Background

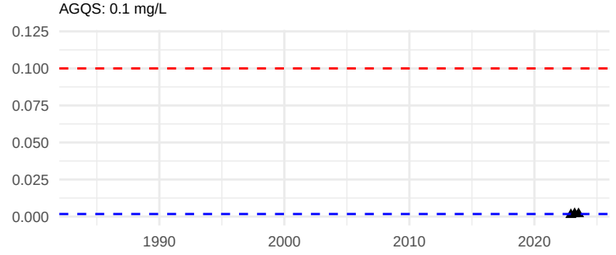
Temperature (C) :

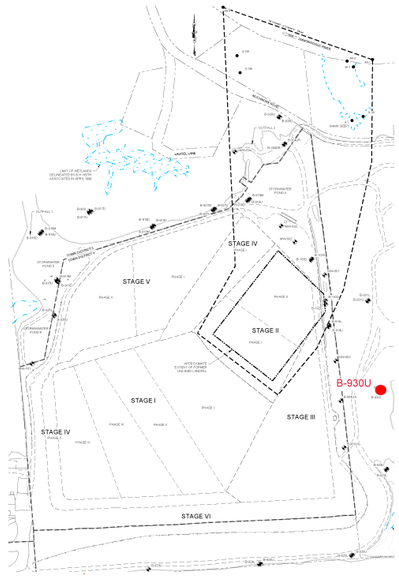


Total Kjeldahl Nitrogen (TKN) (mg/L) :

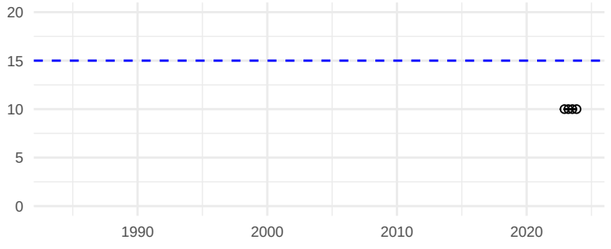


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

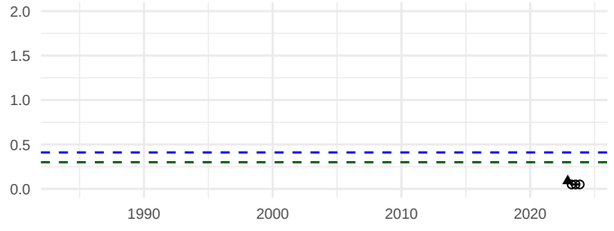




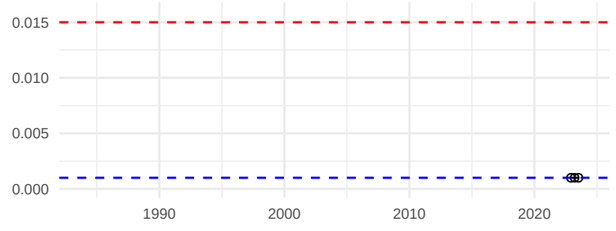
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

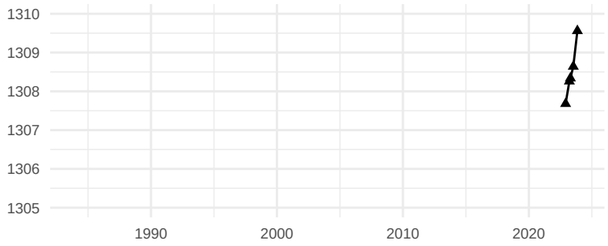


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

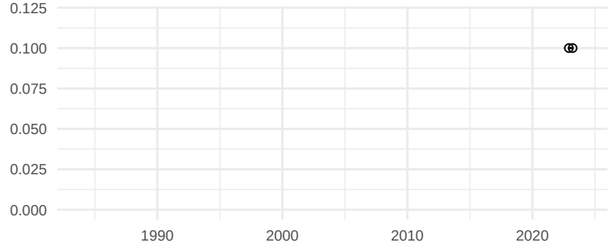


B−930L

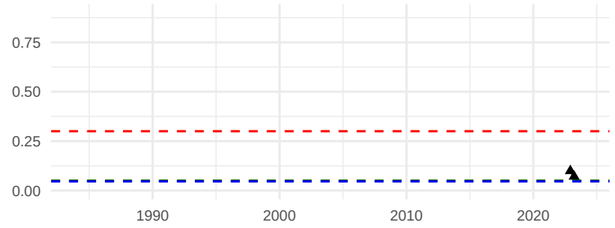
Groundwater Elevation (ft) :



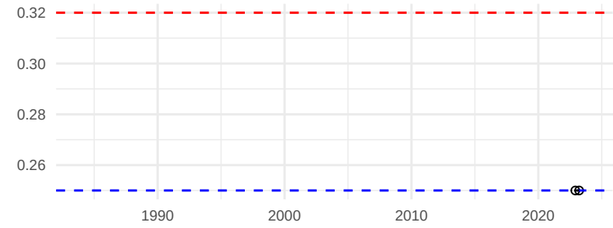
Bromide (mg/L) :



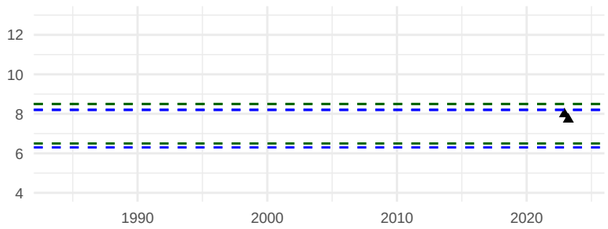
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



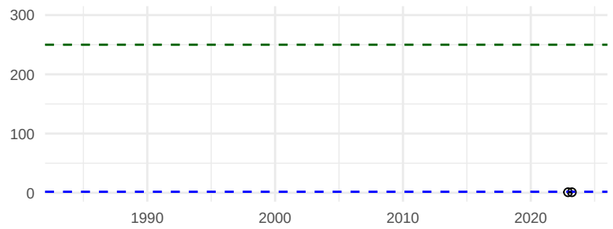
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



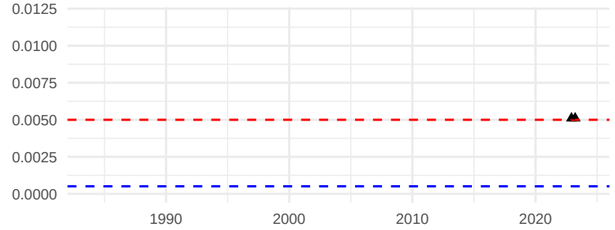
pH (SU) :
SMCL: 6.5 − 8.5 SU



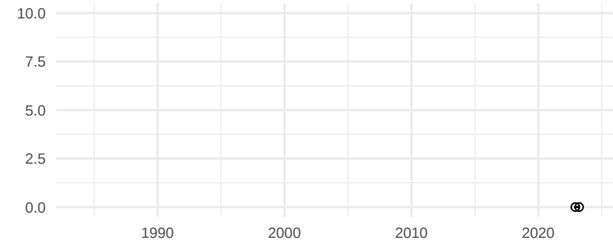
Chloride (mg/L) :
SMCL: 250 mg/L



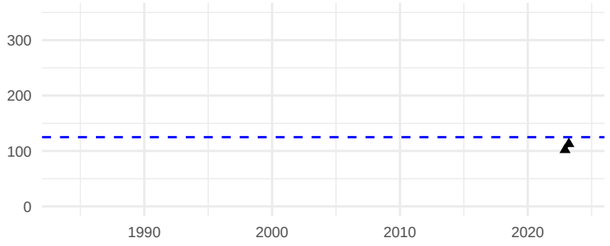
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



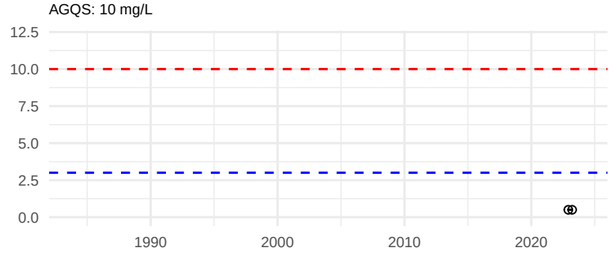
Total VOCs (ug/L) :



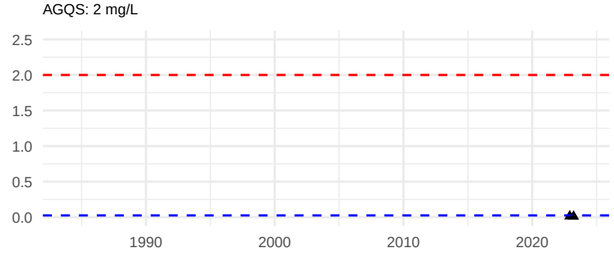
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



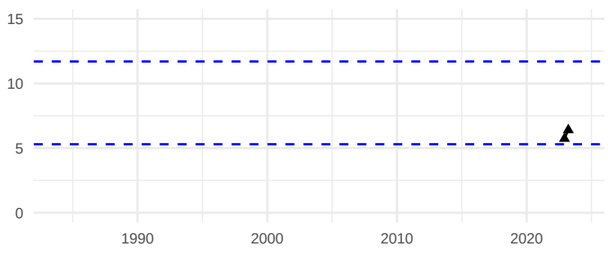
Result

- Detect
- Non−Detect

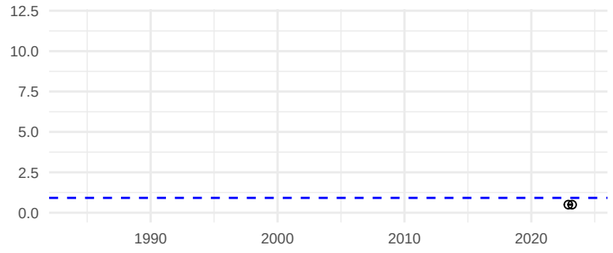
Standard

- AGQS
- SMCL
- Background

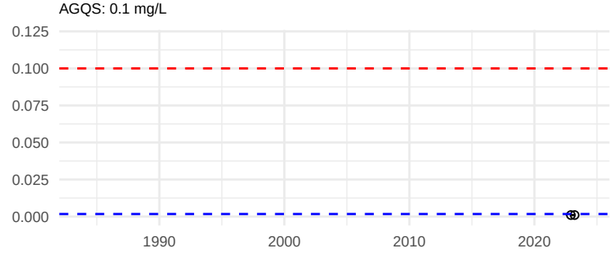
Temperature (C) :

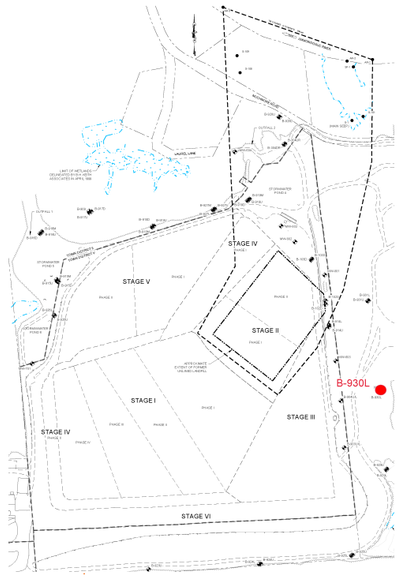


Total Kjeldahl Nitrogen (TKN) (mg/L) :

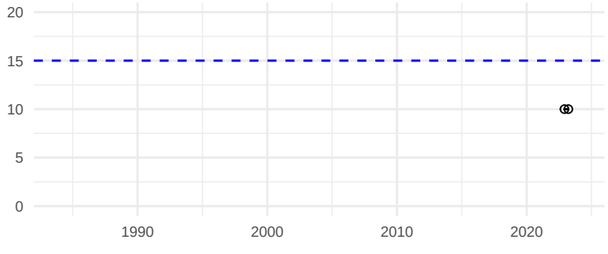


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

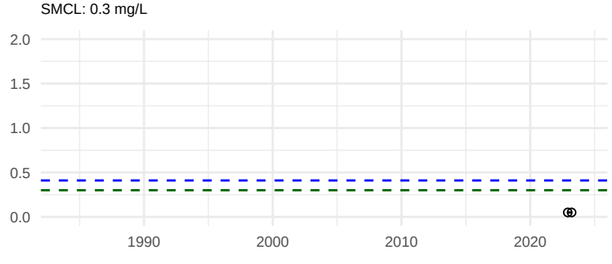




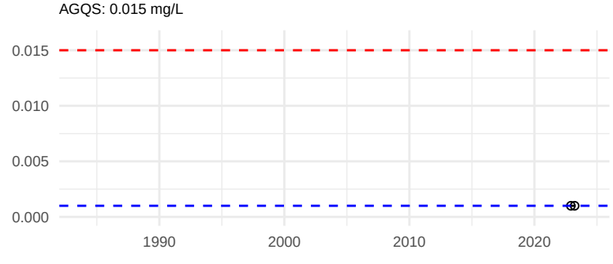
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

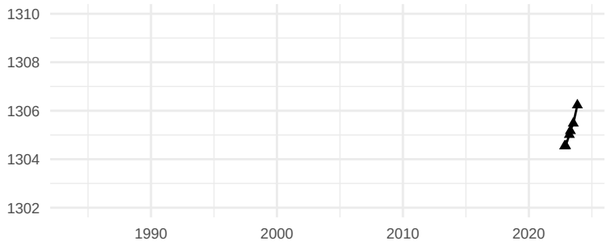


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

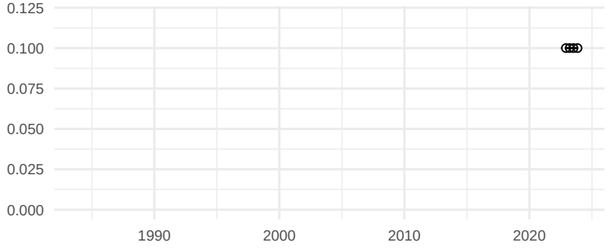


B−931U

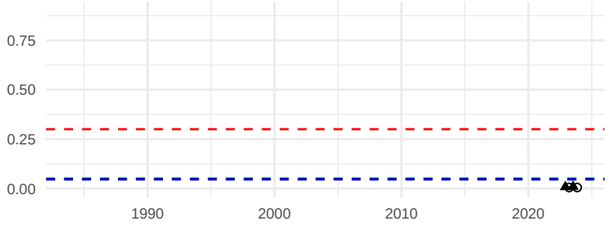
Groundwater Elevation (ft) :



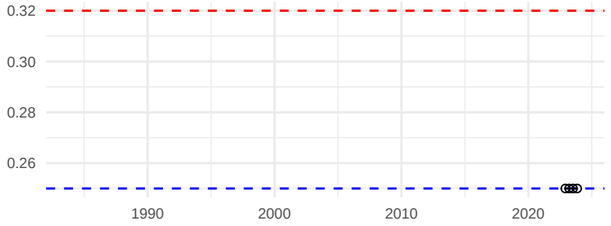
Bromide (mg/L) :



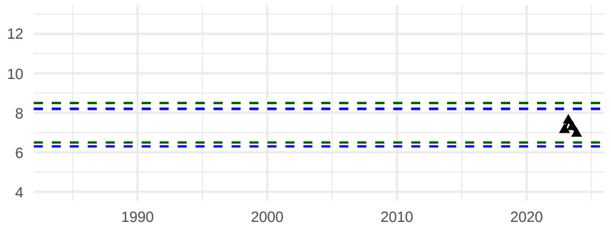
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



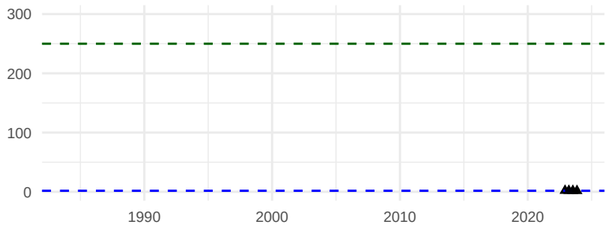
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



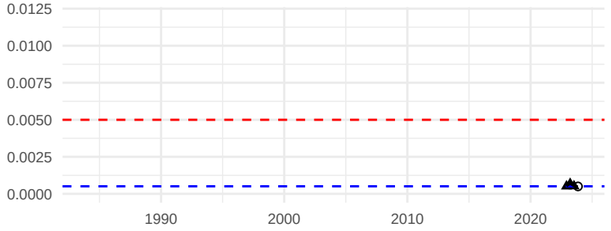
pH (SU) :
SMCL: 6.5 − 8.5 SU



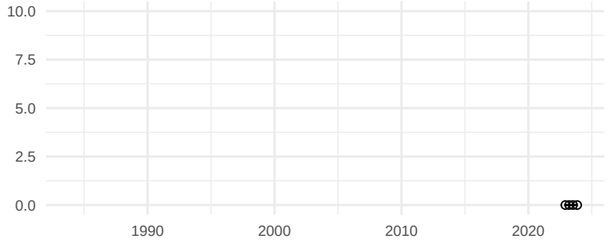
Chloride (mg/L) :
SMCL: 250 mg/L



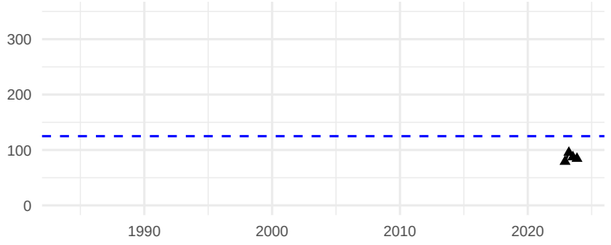
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



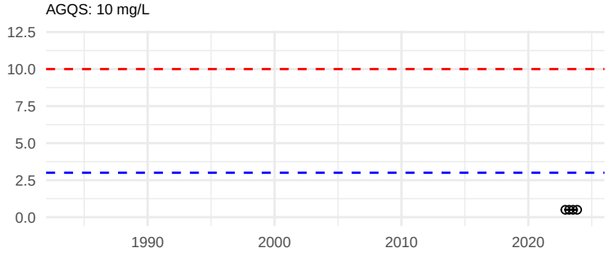
Total VOCs (ug/L) :



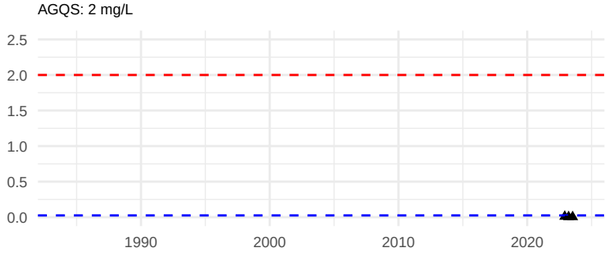
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



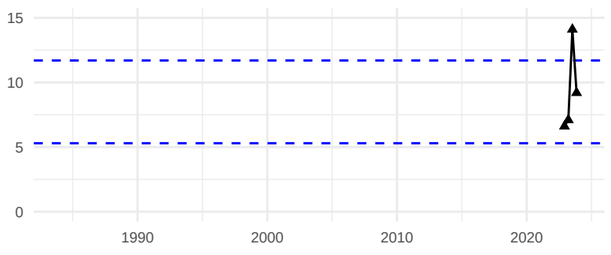
Result

- Detect
- Non−Detect

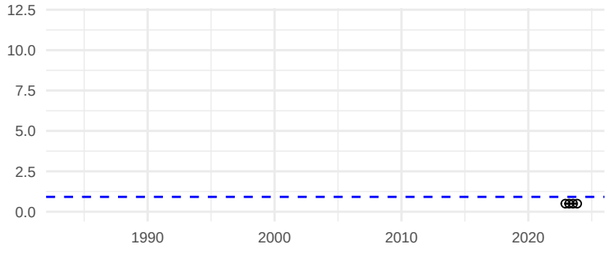
Standard

- AGQS
- SMCL
- Background

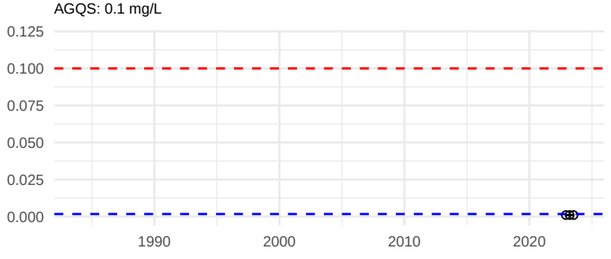
Temperature (C) :

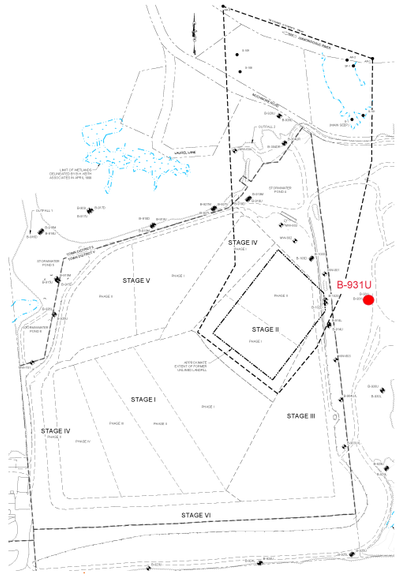


Total Kjeldahl Nitrogen (TKN) (mg/L) :

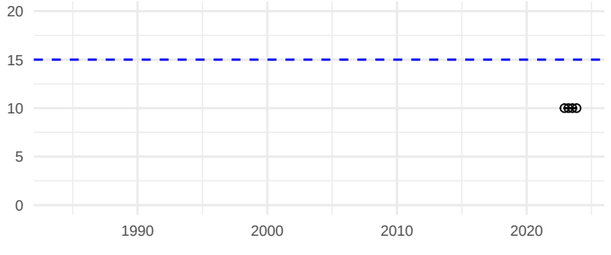


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

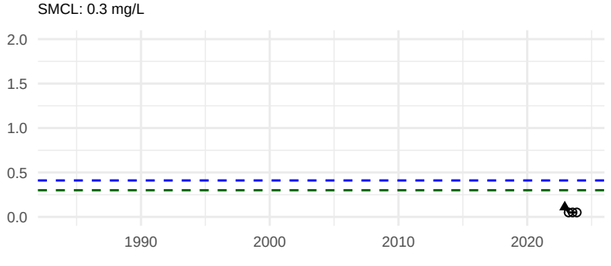




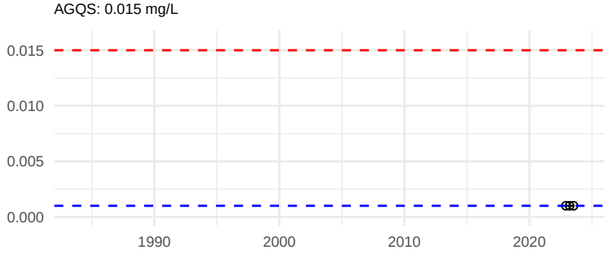
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L

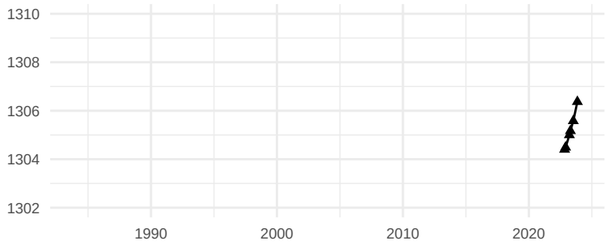


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

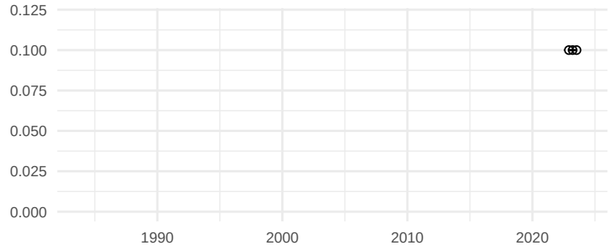


B−931L

Groundwater Elevation (ft) :

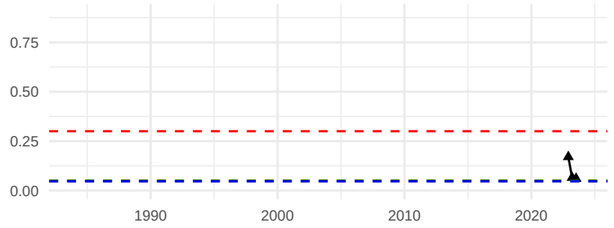


Bromide (mg/L) :



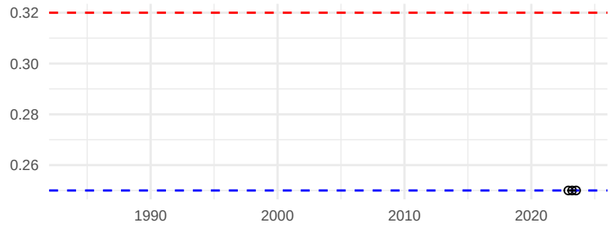
Dissolved Manganese (mg/L) :

AGQS: 0.3 mg/L SMCL: 0.05 mg/L



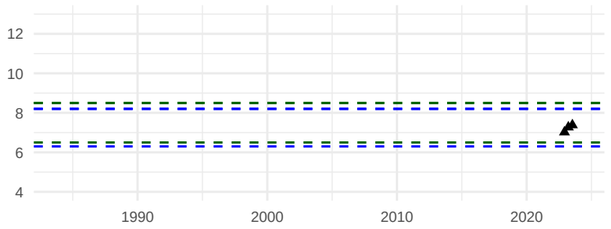
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



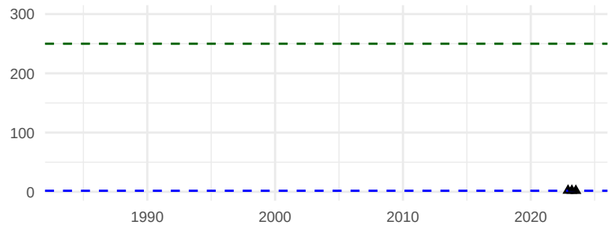
pH (SU) :

SMCL: 6.5 − 8.5 SU



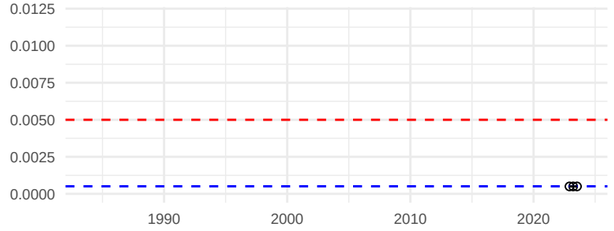
Chloride (mg/L) :

SMCL: 250 mg/L

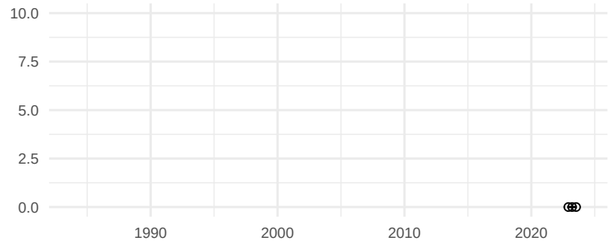


Dissolved Arsenic (mg/L) :

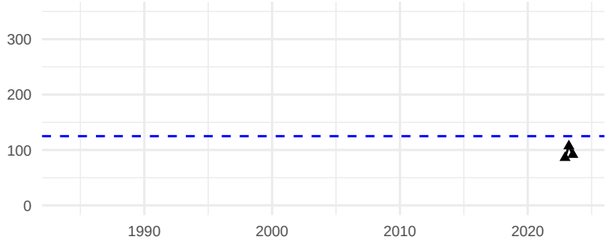
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

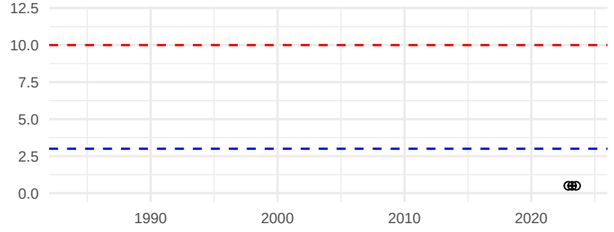


Specific Conductance (uS/cm) :



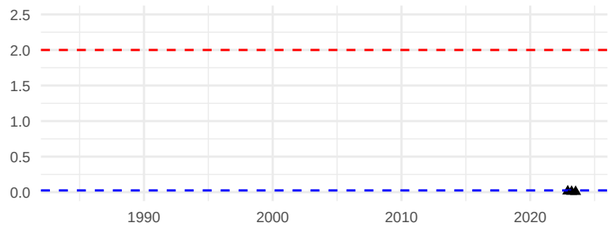
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



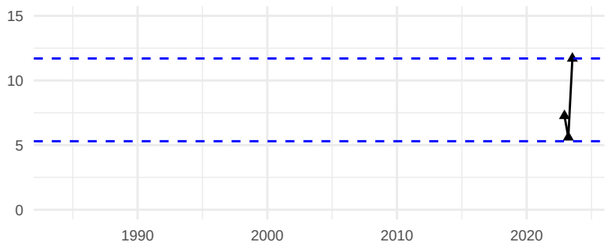
Result

- Detect
- Non−Detect

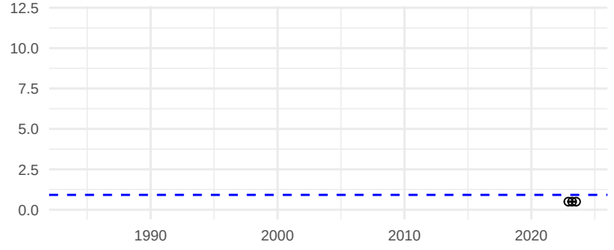
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

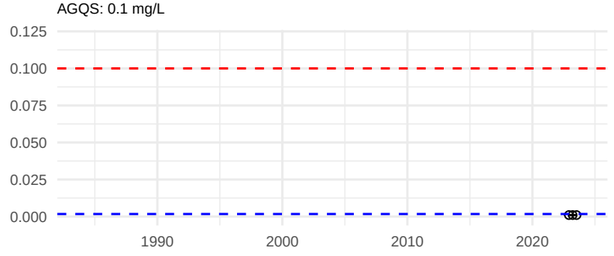


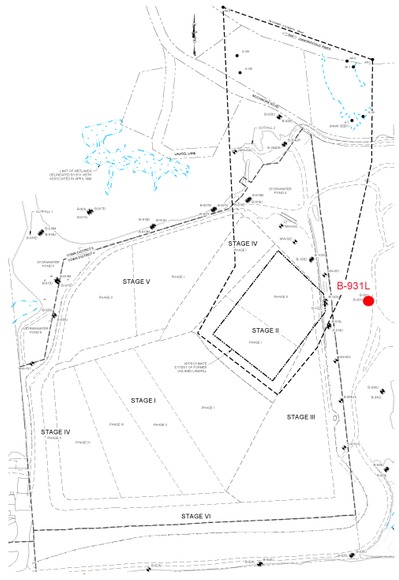
Total Kjeldahl Nitrogen (TKN) (mg/L) :



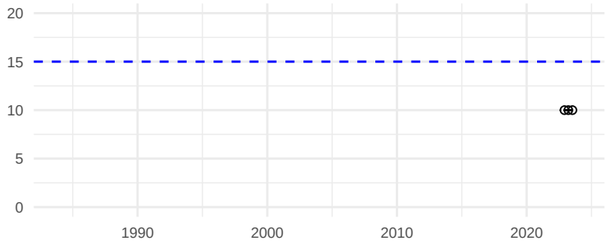
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



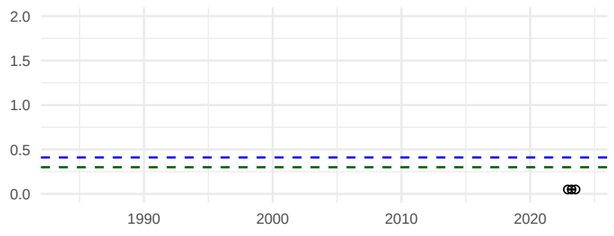


Chemical Oxygen Demand (mg/L) :



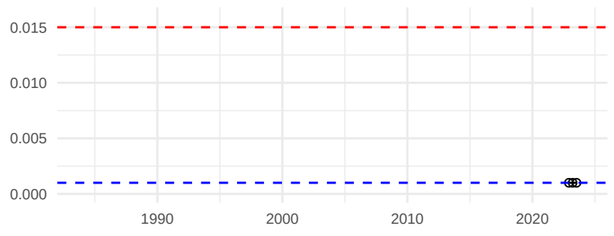
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L

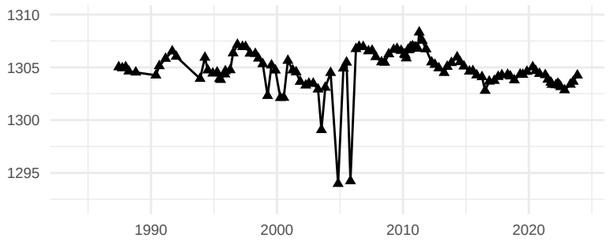


Groundwater Management Wells Inside the GMZ

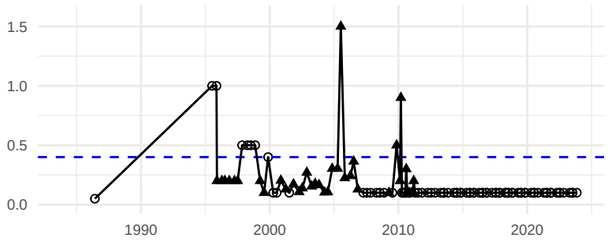
SANBORN HEAD

B−103S

Groundwater Elevation (ft) :

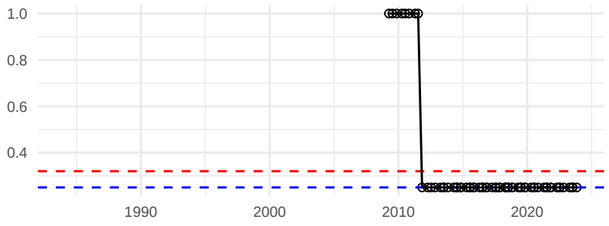


Bromide (mg/L) :

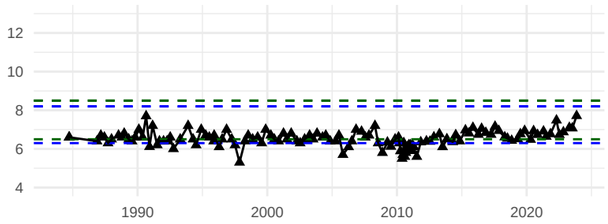


Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L

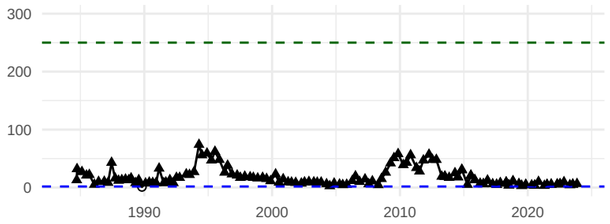
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



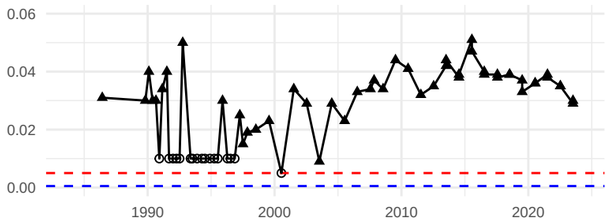
pH (SU) :
SMCL: 6.5 − 8.5 SU



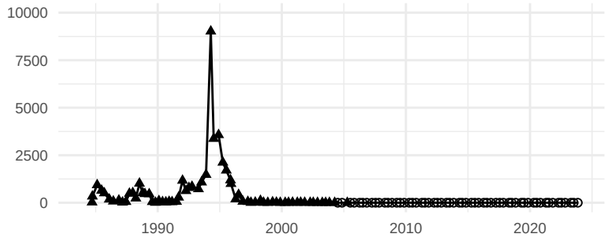
Chloride (mg/L) :
SMCL: 250 mg/L



Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L

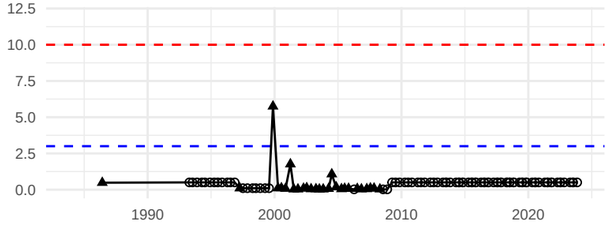


Total VOCs (ug/L) :

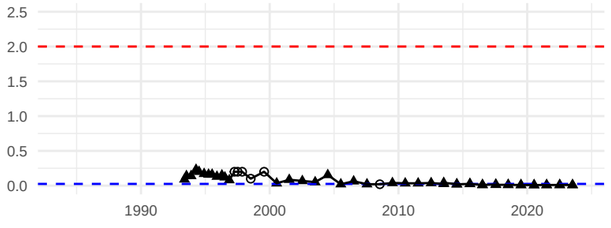


Specific Conductance (uS/cm) :

Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



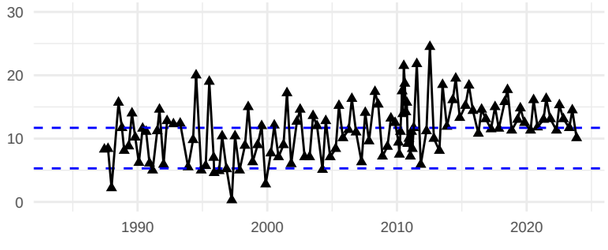
Result

- Detect
- Non−Detect

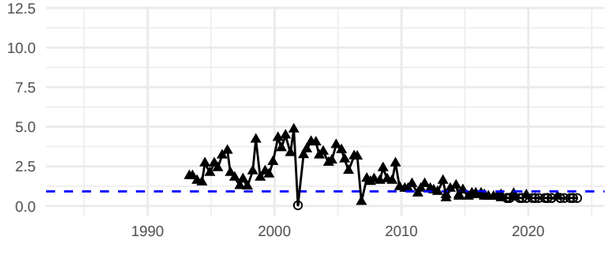
Standard

- AGQS
- SMCL
- Background

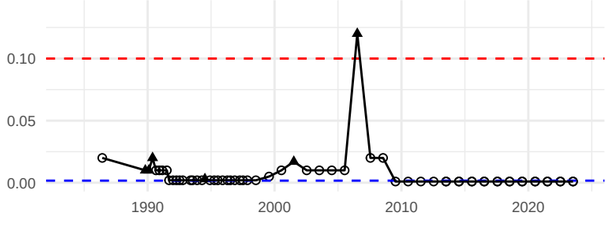
Temperature (C) :

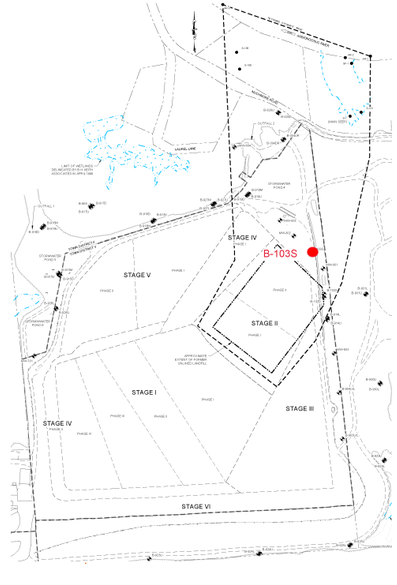


Total Kjeldahl Nitrogen (TKN) (mg/L) :

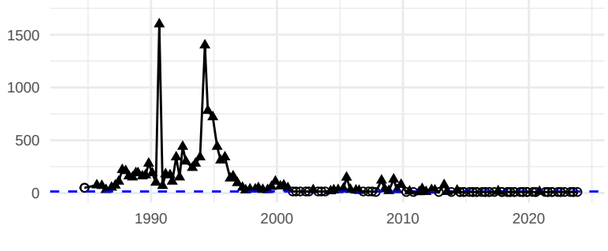


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

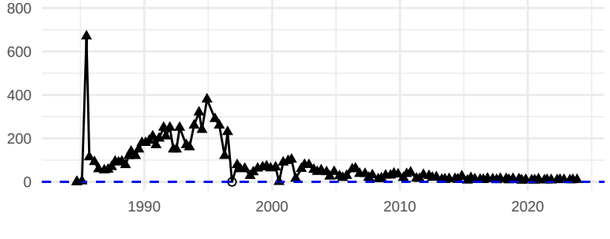




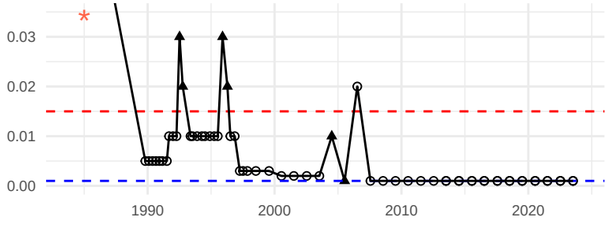
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

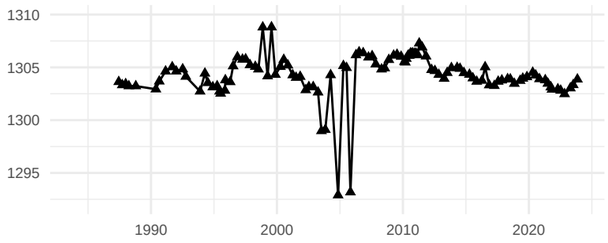


* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

B−103D

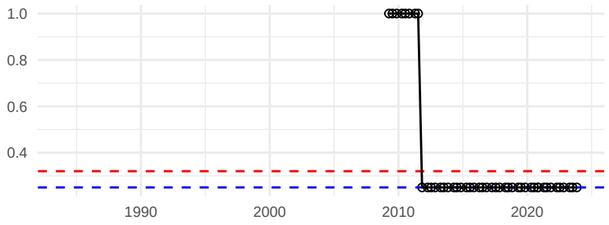
Groundwater Elevation (ft) :



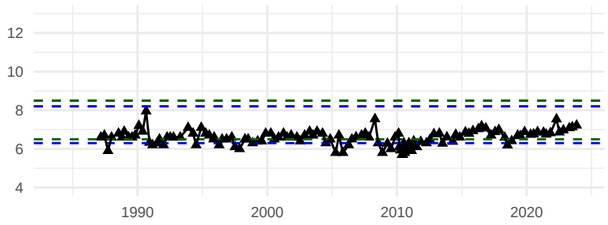
Bromide (mg/L) :

Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L

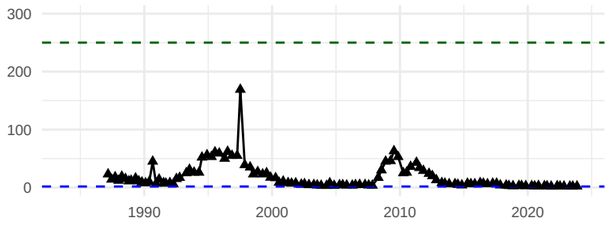
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



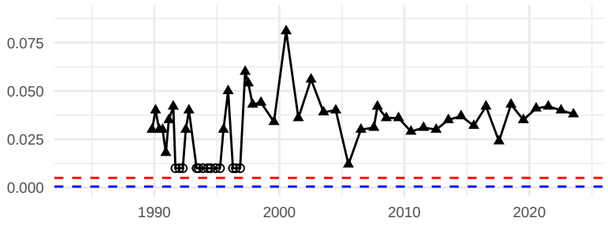
pH (SU) :
SMCL: 6.5 − 8.5 SU



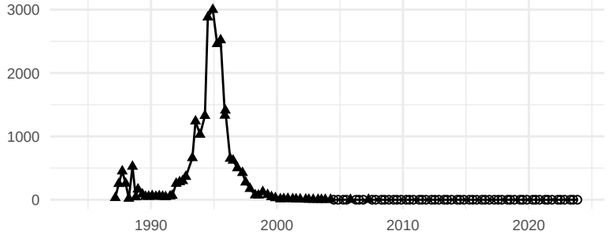
Chloride (mg/L) :
SMCL: 250 mg/L



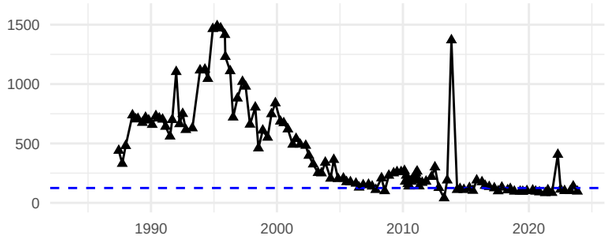
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



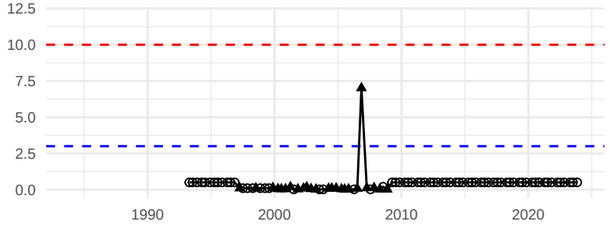
Total VOCs (ug/L) :



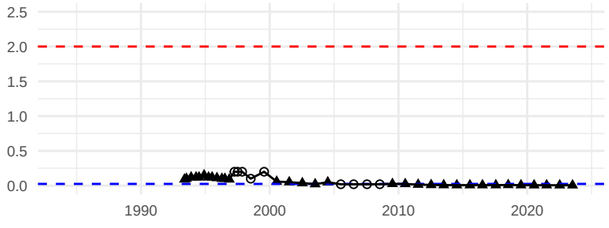
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



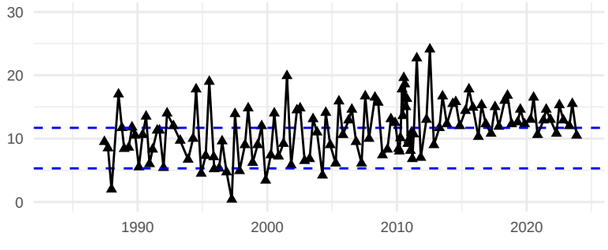
Result

- Detect
- Non−Detect

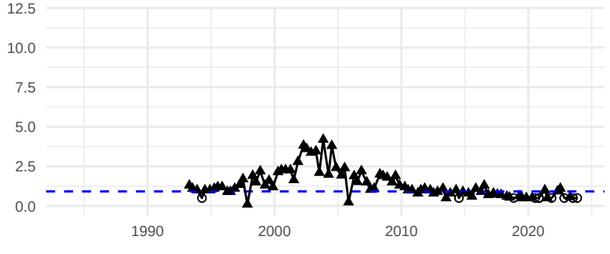
Standard

- AGQS
- SMCL
- Background

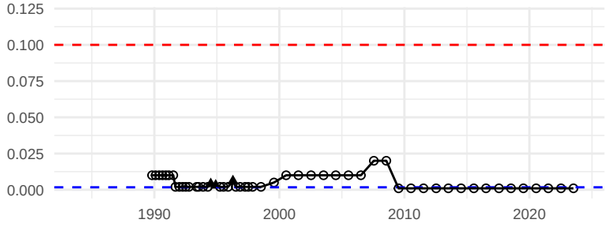
Temperature (C) :

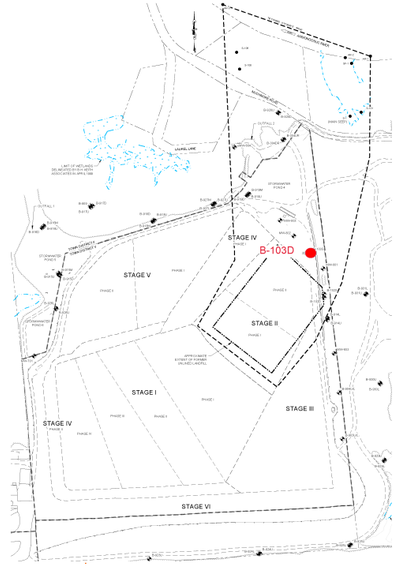


Total Kjeldahl Nitrogen (TKN) (mg/L) :

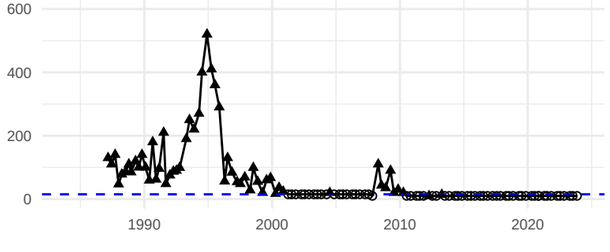


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

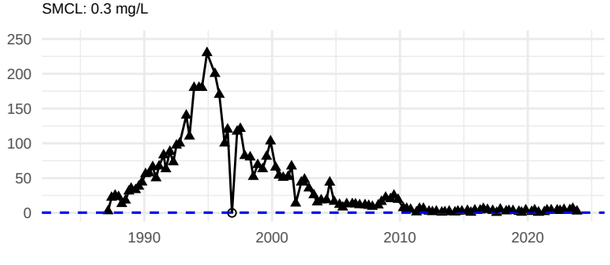




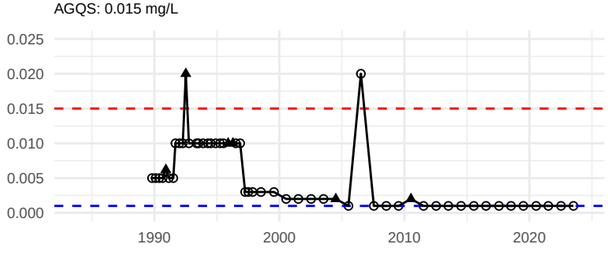
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



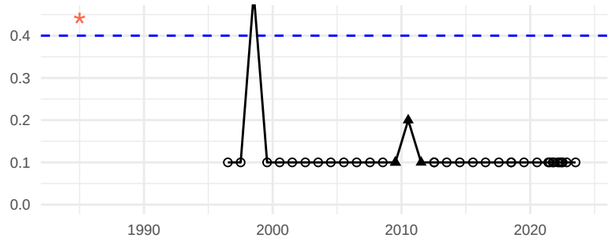
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

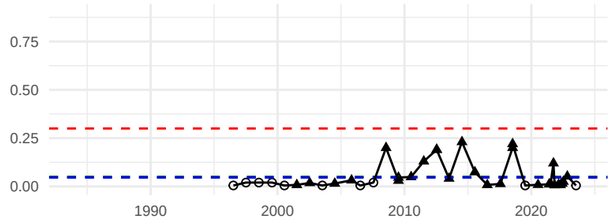
MW−604

Groundwater Elevation (ft) :

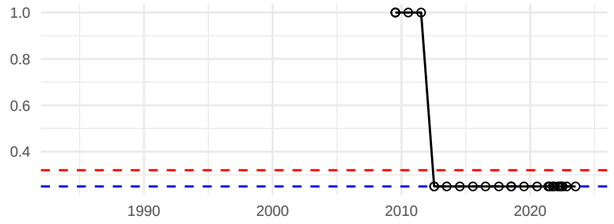
Bromide (mg/L) :



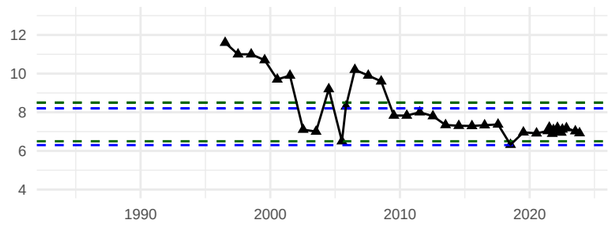
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



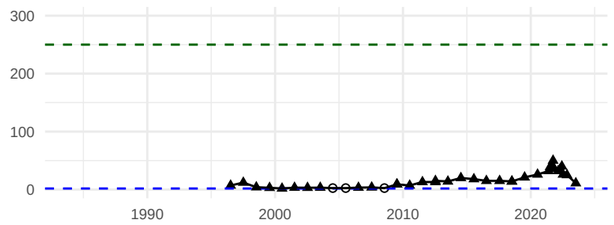
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



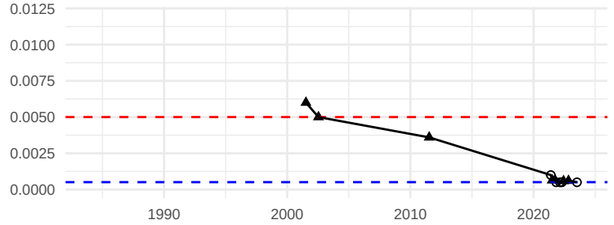
pH (SU) :
SMCL: 6.5 − 8.5 SU



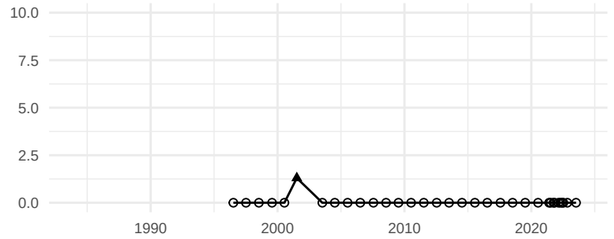
Chloride (mg/L) :
SMCL: 250 mg/L



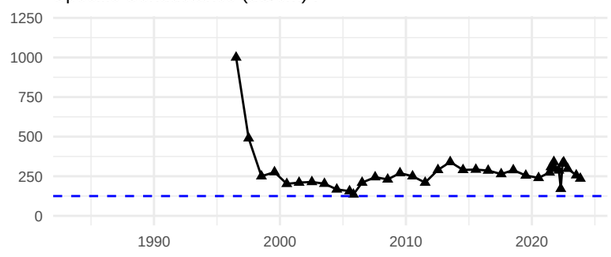
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



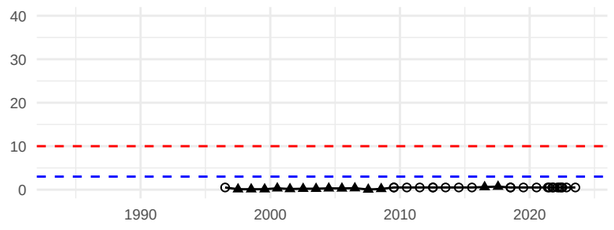
Total VOCs (ug/L) :



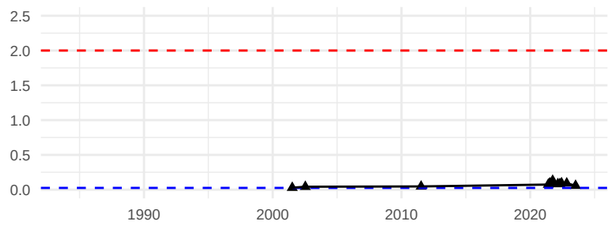
Specific Conductance (uS/cm) :



Nitrate (mg/L) :
AGQS: 10 mg/L



Dissolved Barium (mg/L) :
AGQS: 2 mg/L



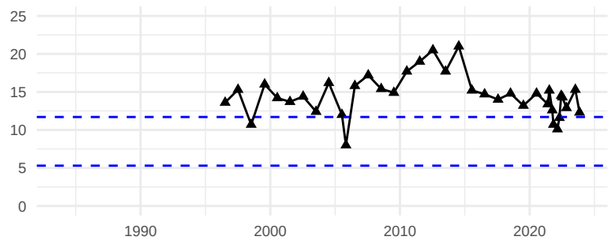
Result

- Detect
- Non−Detect

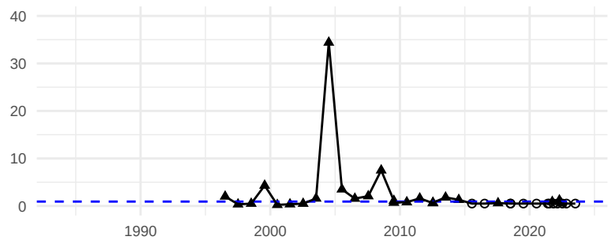
Standard

- AGQS
- SMCL
- Background

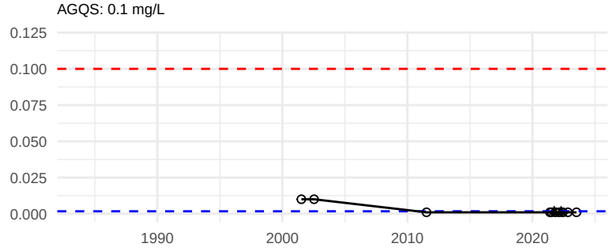
Temperature (C) :

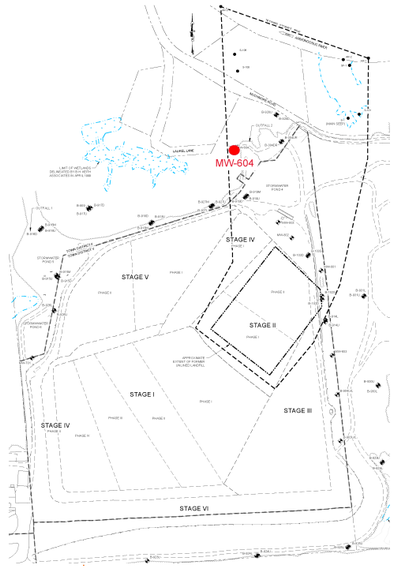


Total Kjeldahl Nitrogen (TKN) (mg/L) :

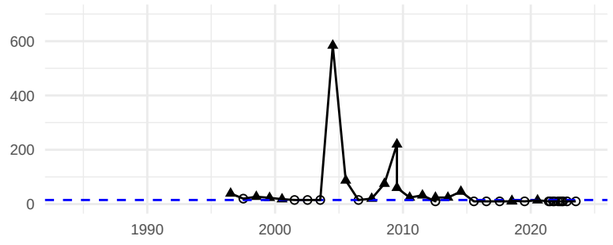


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

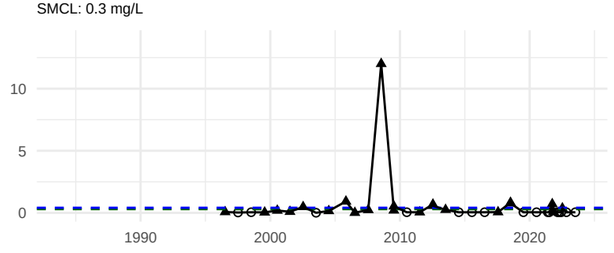




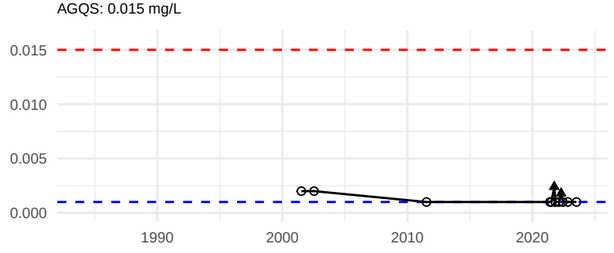
Chemical Oxygen Demand (mg/L) :



Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



* indicates one or more data points plot outside concentration range shown

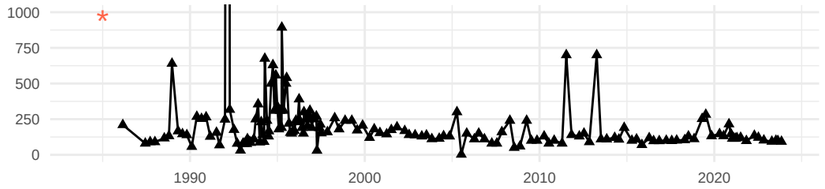
Sanborn, Head & Associates, Inc.

Appendix C.2

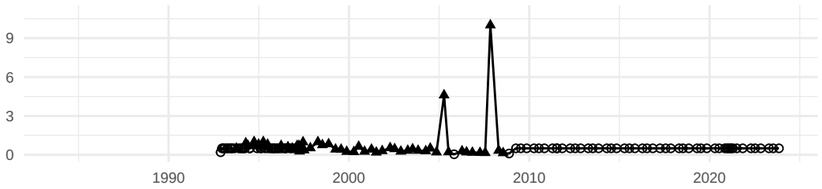
Surface Water Analytical Results

Seep S−1

Specific Conductance (uS/cm) :

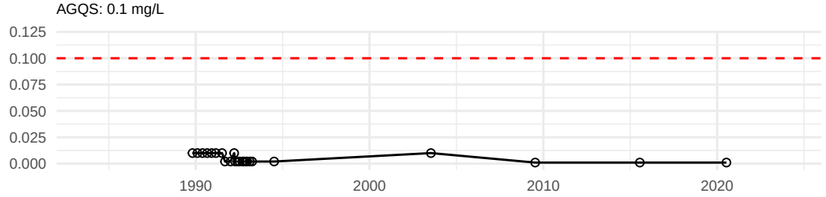


Total Kjeldahl Nitrogen (TKN) (mg/L) :

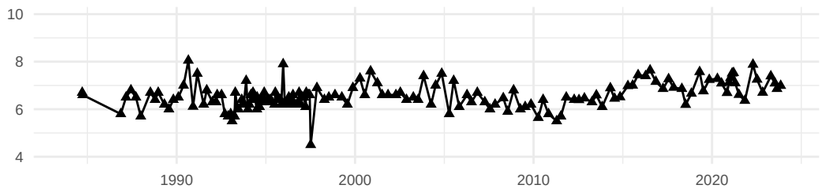


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

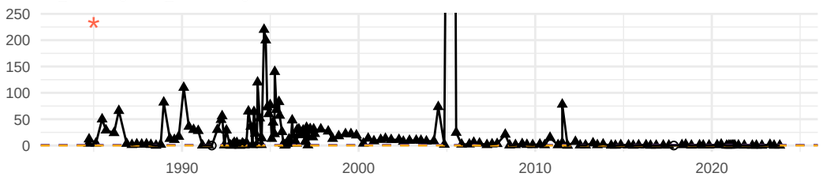


pH (SU) :

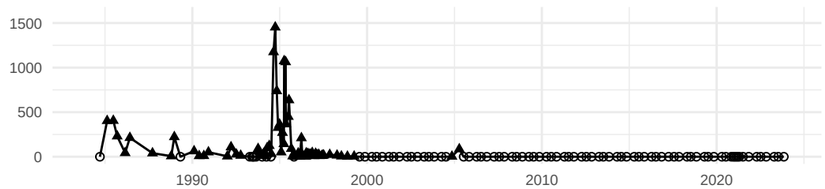


Total Iron (mg/L) :

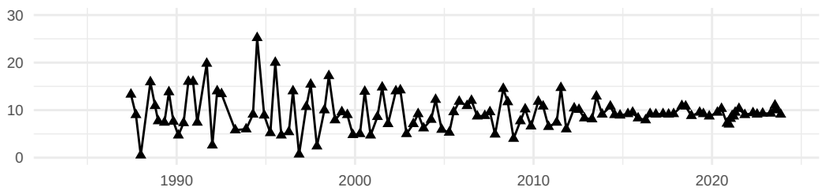
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

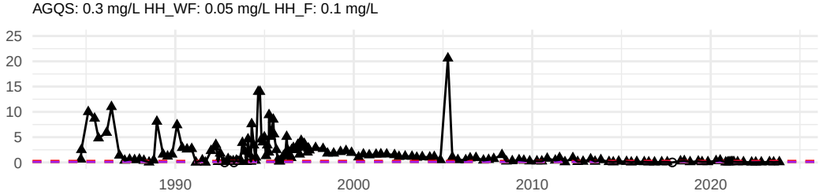


Temperature (C) :



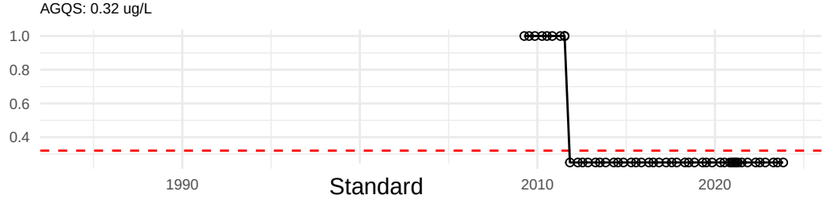
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

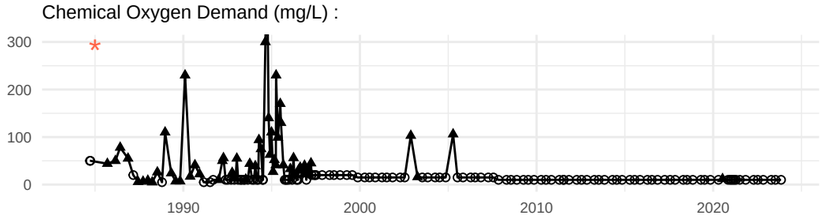


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

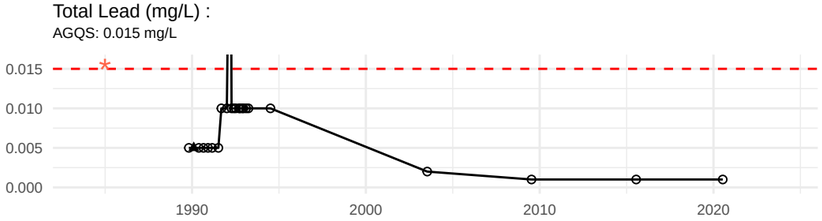


Chemical Oxygen Demand (mg/L) :



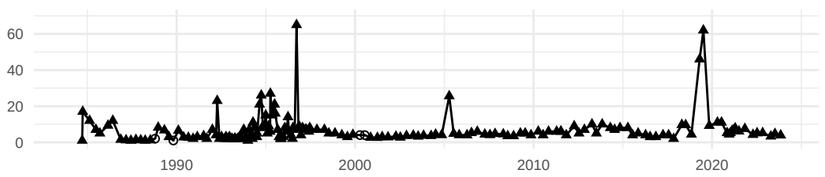
Total Lead (mg/L) :

AGQS: 0.015 mg/L



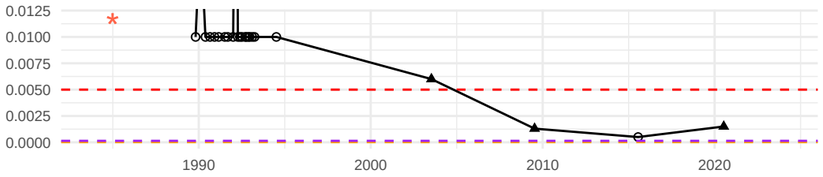
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



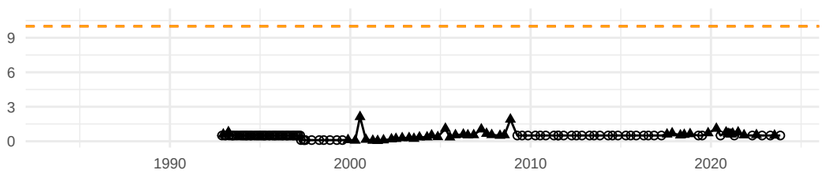
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



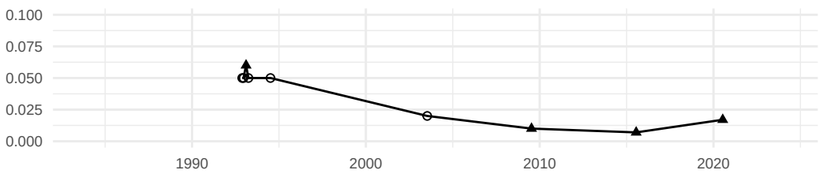
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

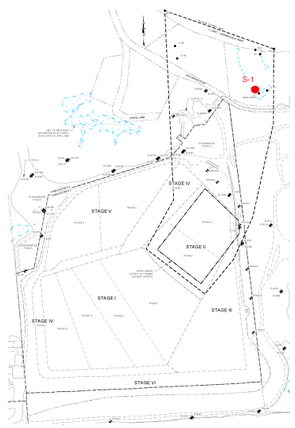


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect



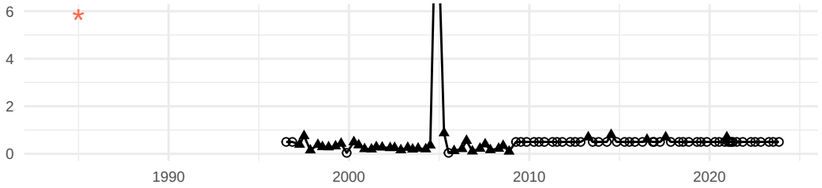
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

SF−1

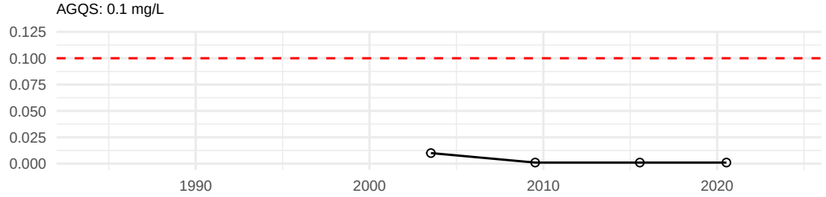
Specific Conductance (uS/cm) :

Total Kjeldahl Nitrogen (TKN) (mg/L) :



Total Chromium (mg/L) :

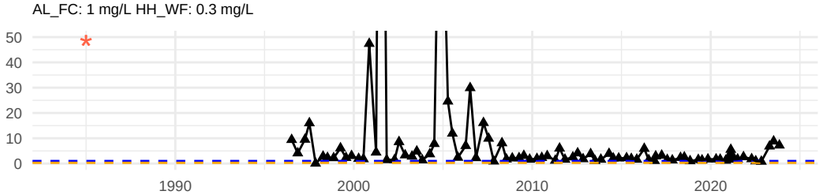
AGQS: 0.1 mg/L



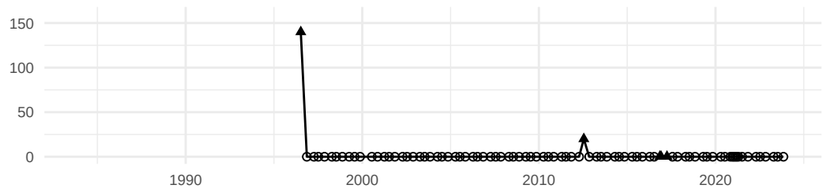
pH (SU) :

Total Iron (mg/L) :

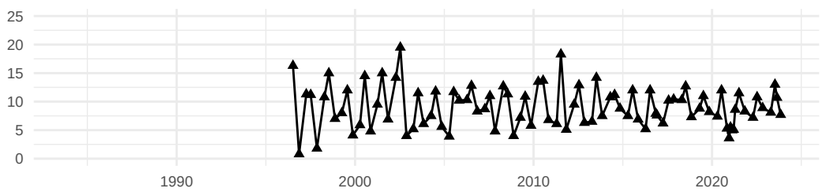
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

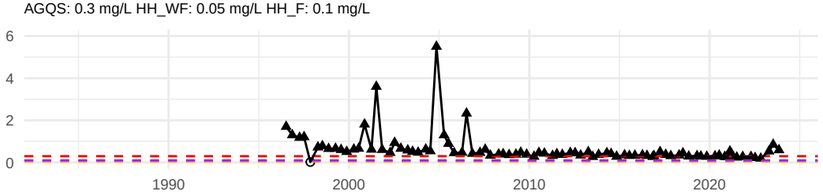


Temperature (C) :



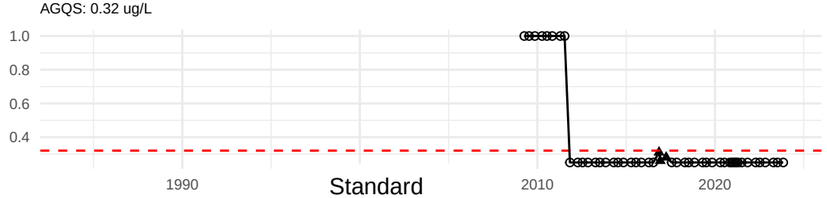
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

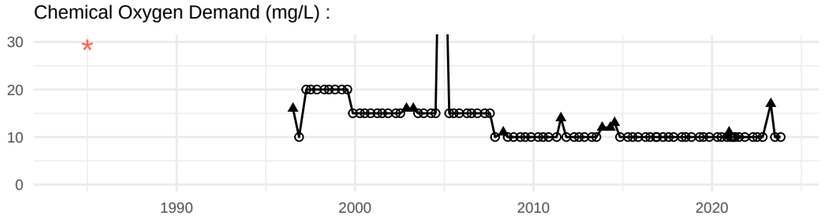


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

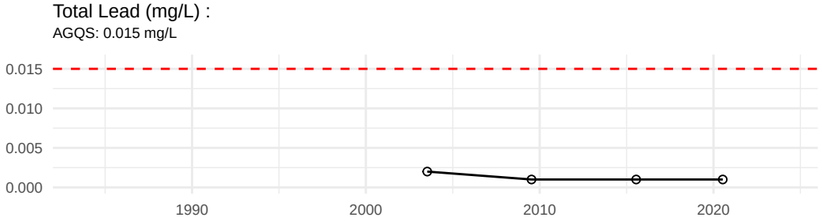


Chemical Oxygen Demand (mg/L) :



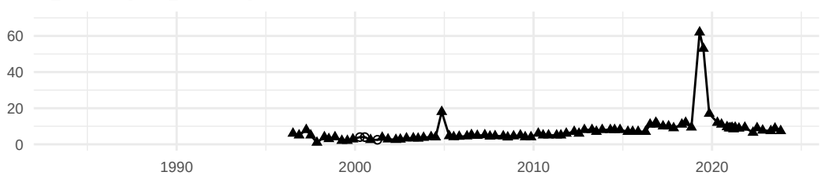
Total Lead (mg/L) :

AGQS: 0.015 mg/L



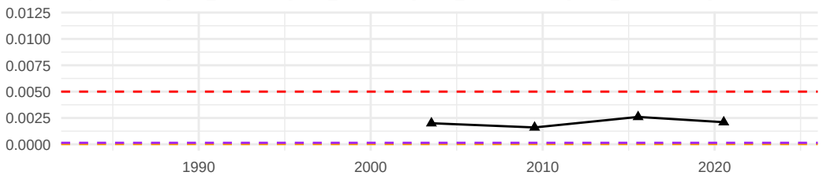
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



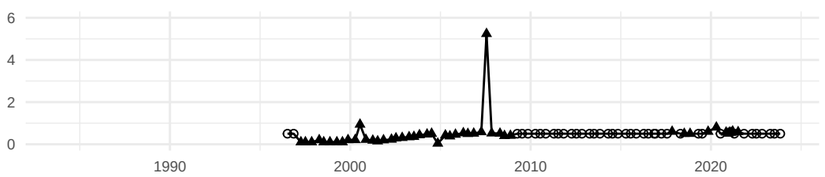
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



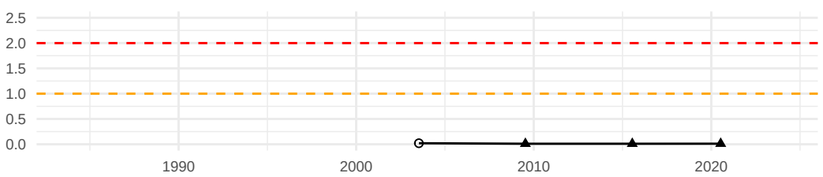
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

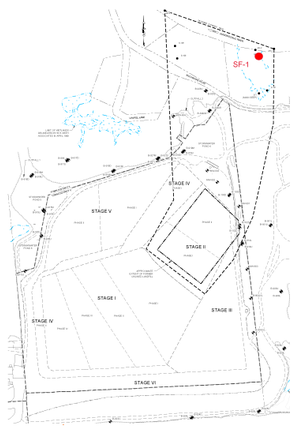


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect

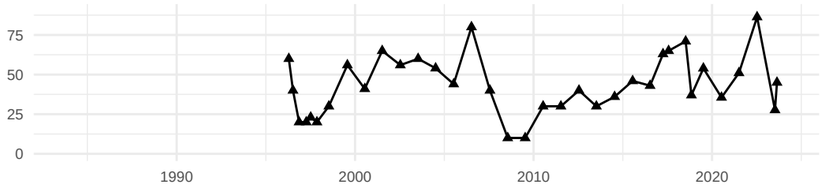


* indicates one or more data points plot outside concentration range shown

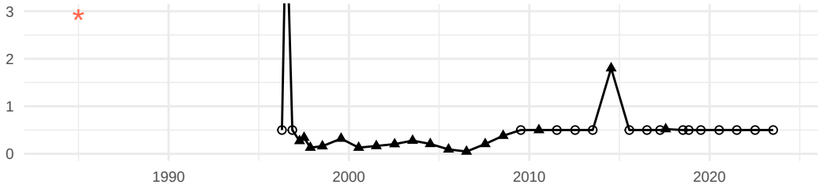
Sanborn, Head & Associates, Inc.

AR−1

Specific Conductance (uS/cm) :

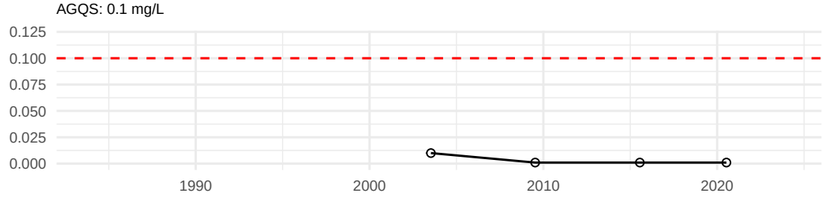


Total Kjeldahl Nitrogen (TKN) (mg/L) :

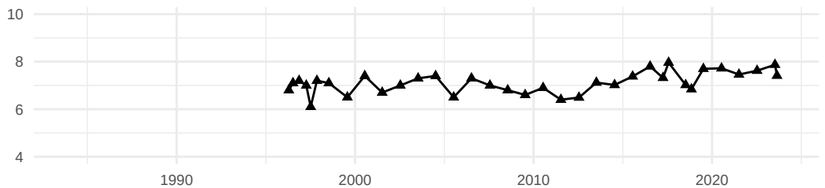


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

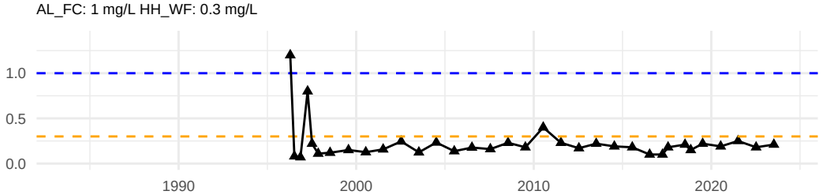


pH (SU) :

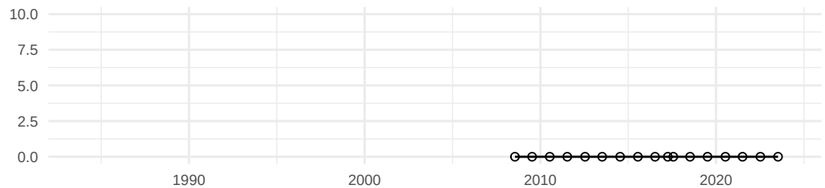


Total Iron (mg/L) :

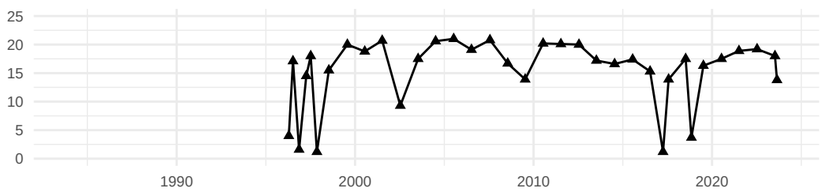
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

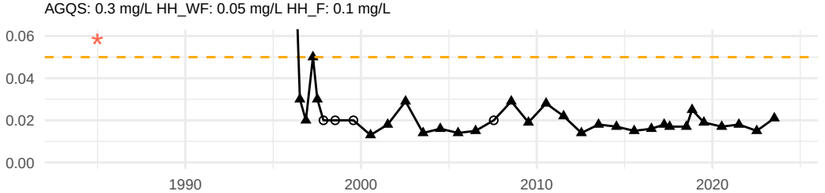


Temperature (C) :



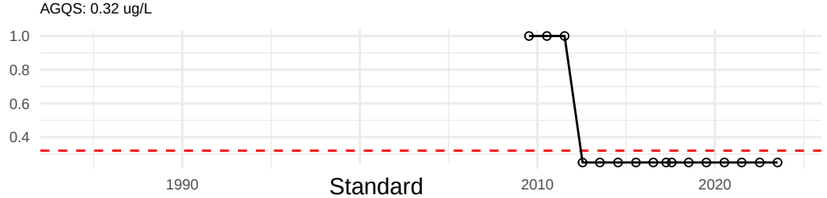
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

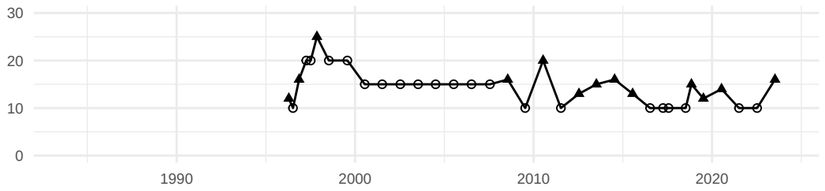


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

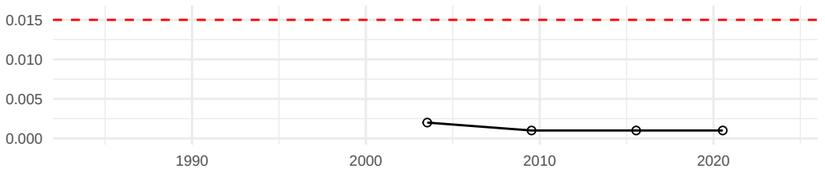


Chemical Oxygen Demand (mg/L) :



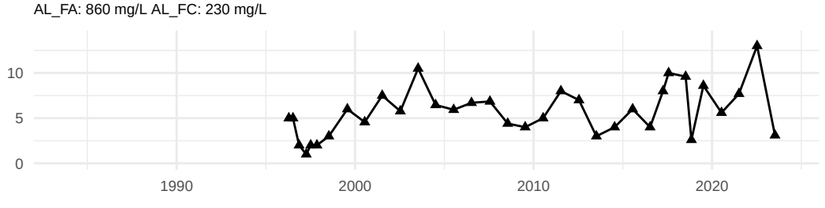
Total Lead (mg/L) :

AGQS: 0.015 mg/L



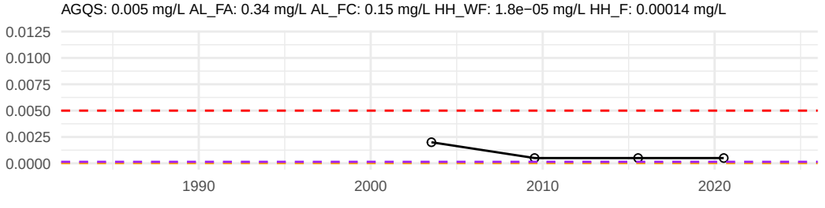
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



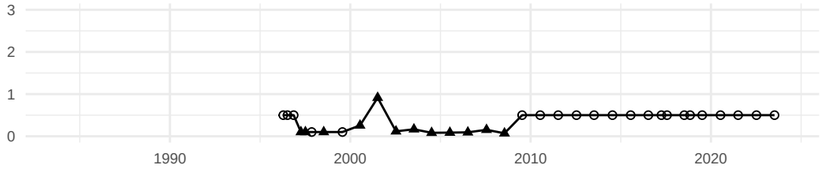
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



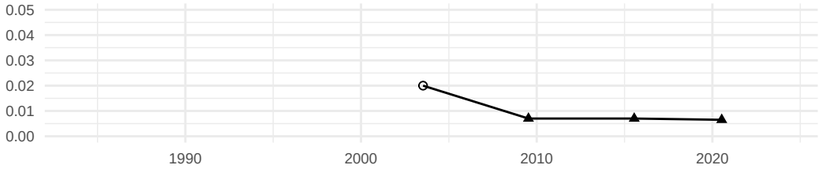
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

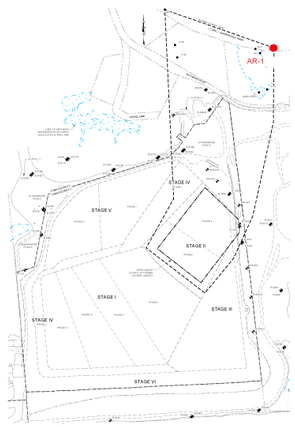


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect

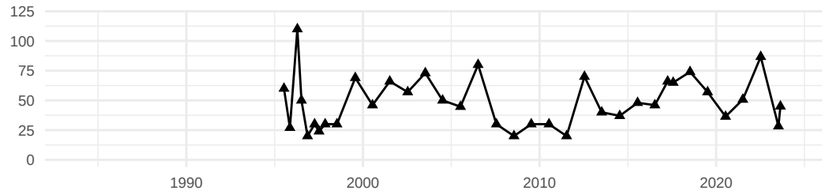


* indicates one or more data points plot outside concentration range shown

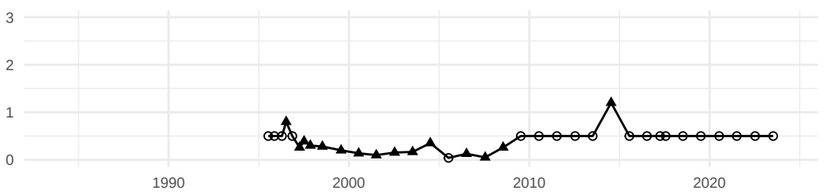
Sanborn, Head & Associates, Inc.

AR−2

Specific Conductance (uS/cm) :

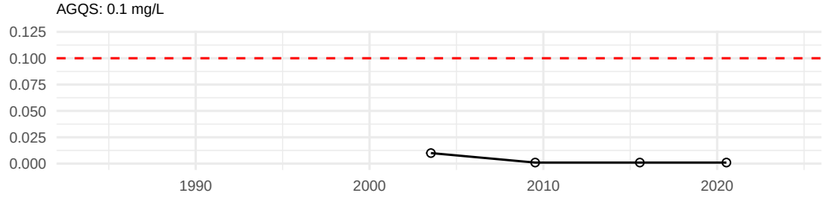


Total Kjeldahl Nitrogen (TKN) (mg/L) :

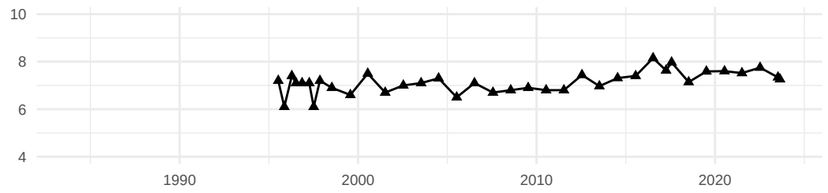


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

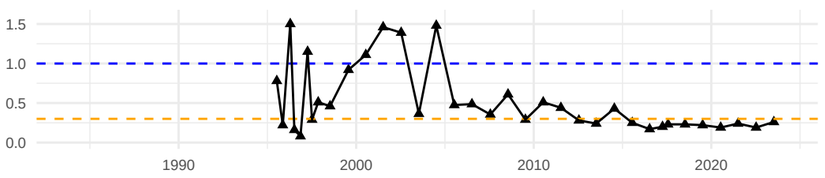


pH (SU) :

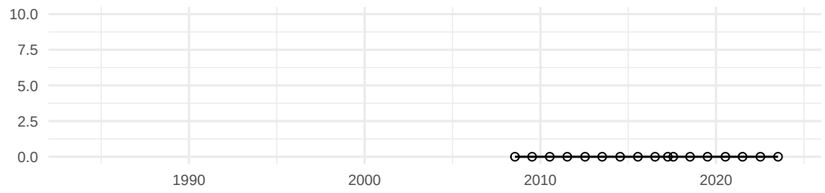


Total Iron (mg/L) :

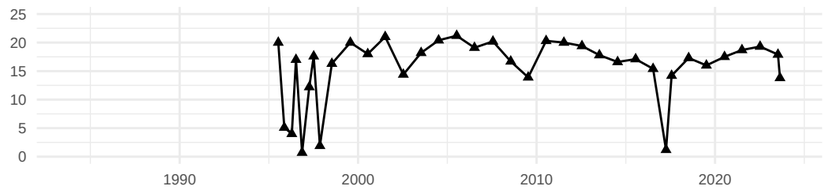
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

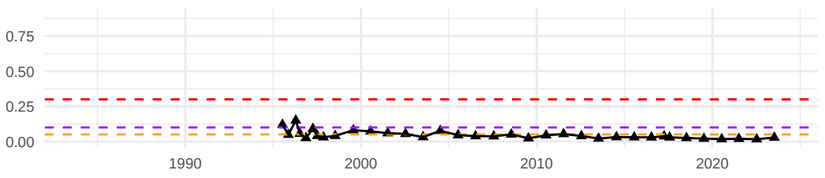


Temperature (C) :



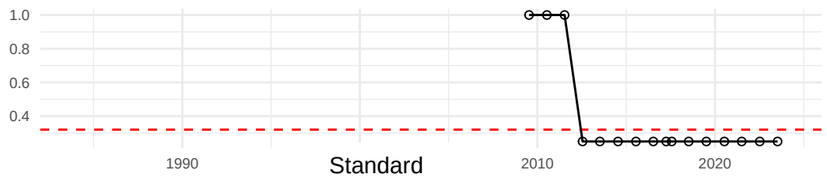
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

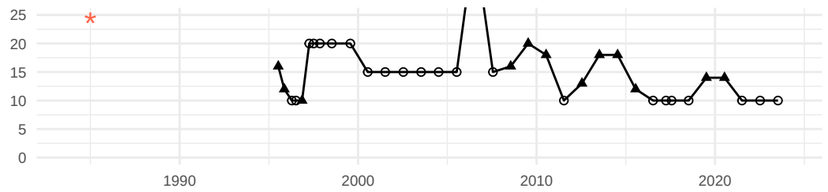


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

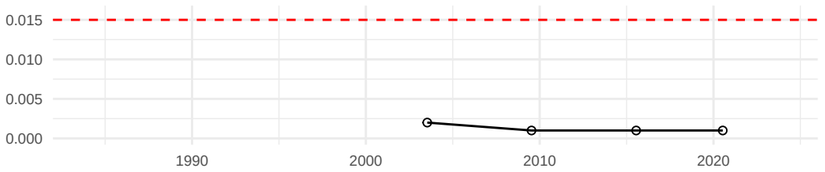


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L

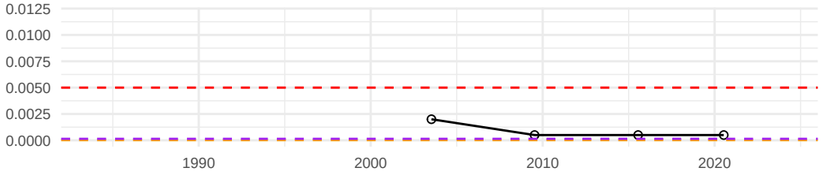


Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L

Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L

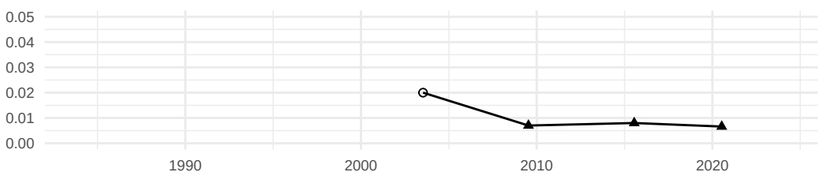


Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L

Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

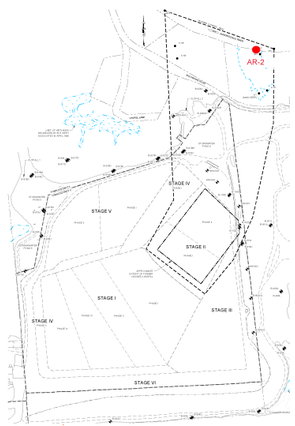


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect



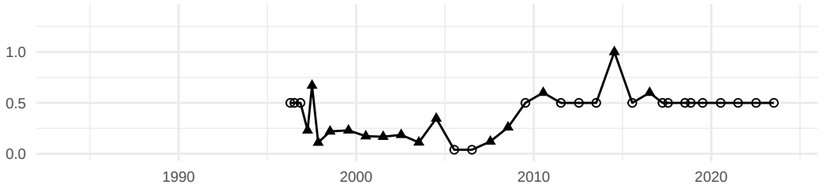
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

AR−3

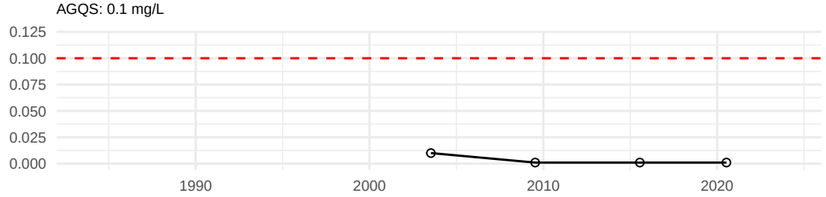
Specific Conductance (uS/cm) :

Total Kjeldahl Nitrogen (TKN) (mg/L) :

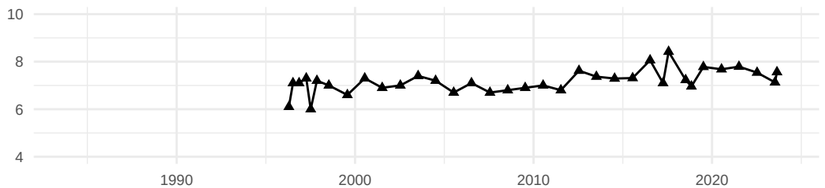


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

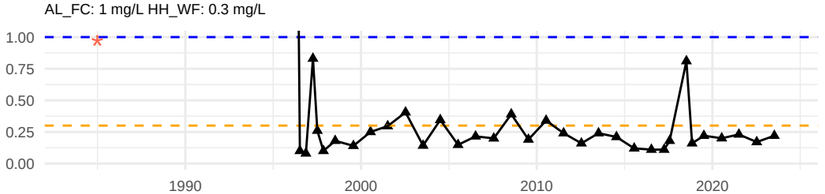


pH (SU) :

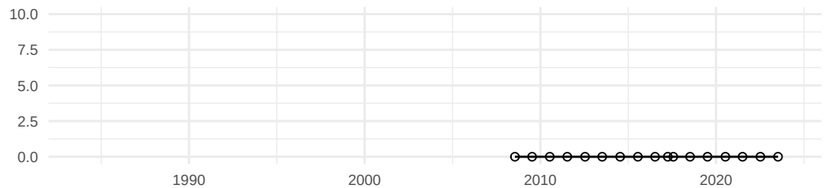


Total Iron (mg/L) :

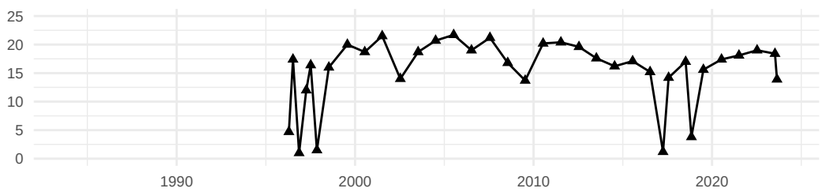
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

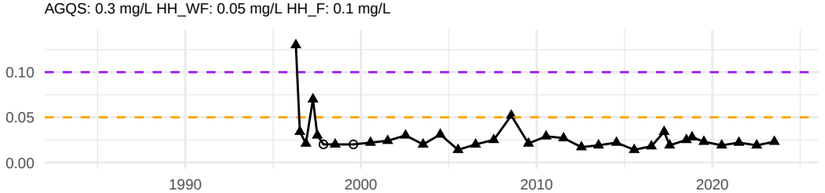


Temperature (C) :



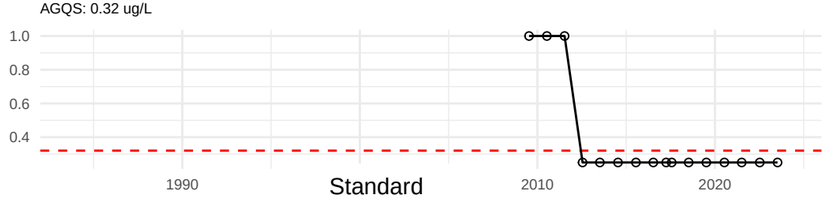
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

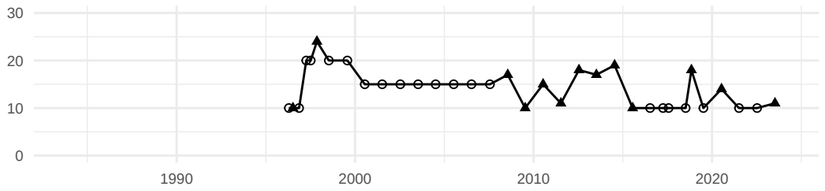


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

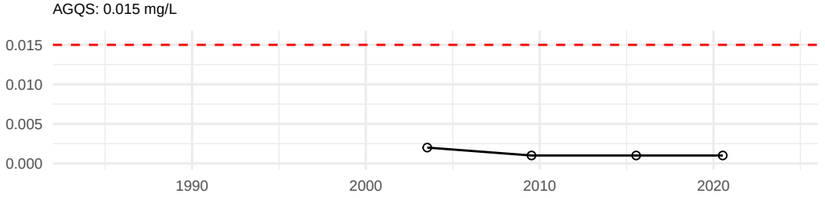


Chemical Oxygen Demand (mg/L) :



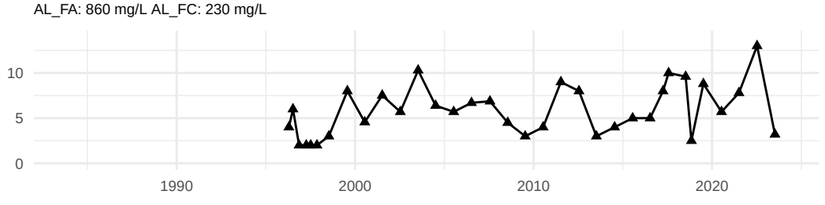
Total Lead (mg/L) :

AGQS: 0.015 mg/L



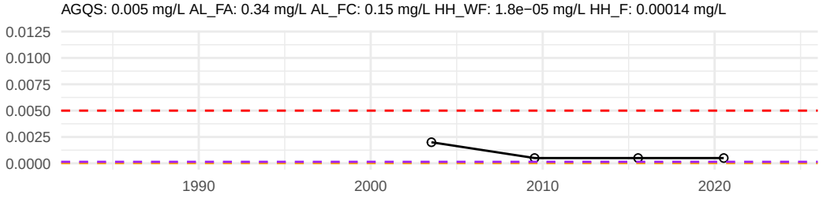
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



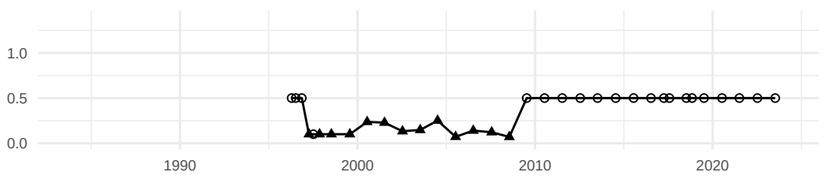
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



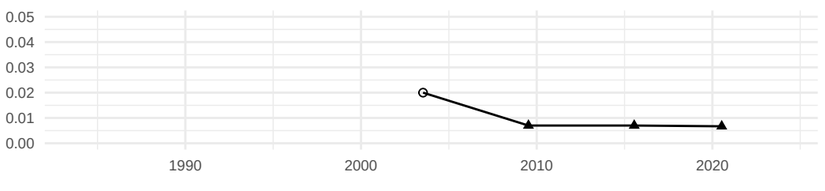
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

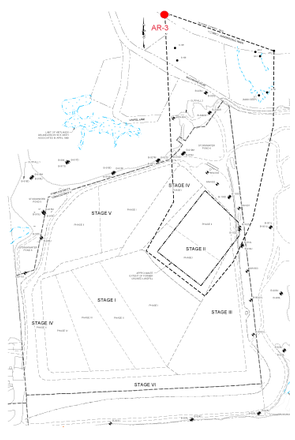


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect

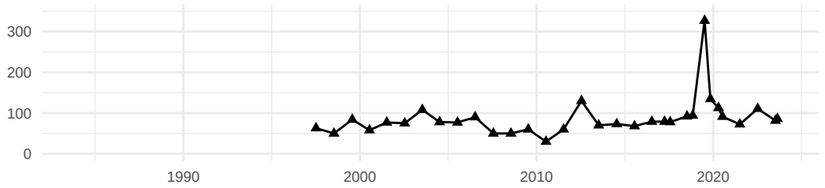


* indicates one or more data points plot outside concentration range shown

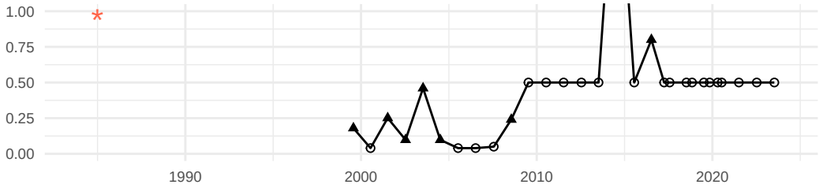
Sanborn, Head & Associates, Inc.

S−101

Specific Conductance (uS/cm) :

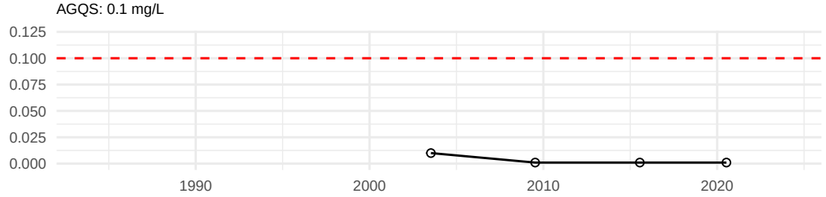


Total Kjeldahl Nitrogen (TKN) (mg/L) :

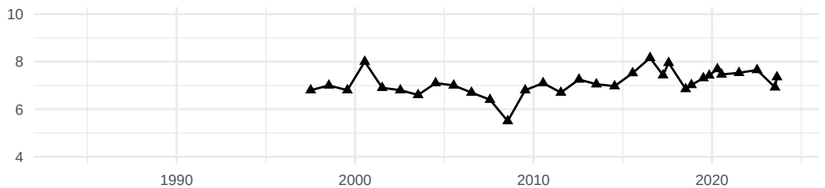


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

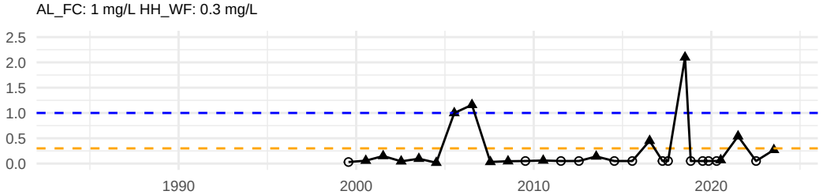


pH (SU) :

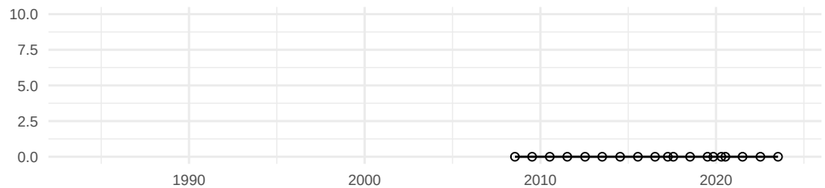


Total Iron (mg/L) :

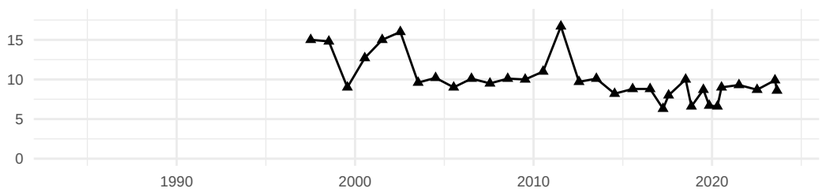
AL_FC: 1 mg/L HH_WF: 0.3 mg/L



Total VOCs (NA) :

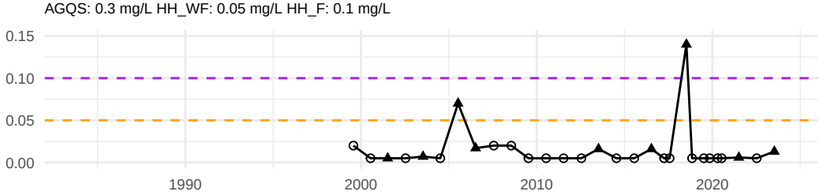


Temperature (C) :



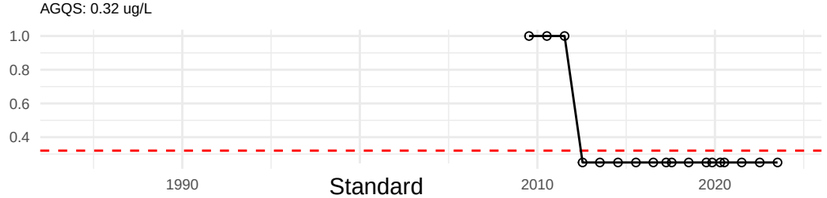
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

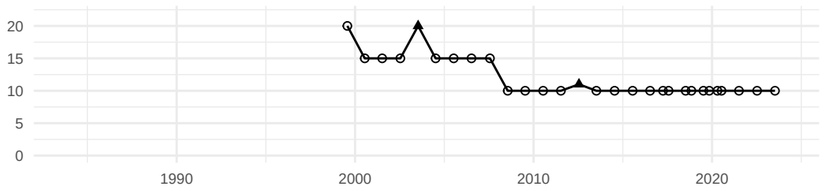


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

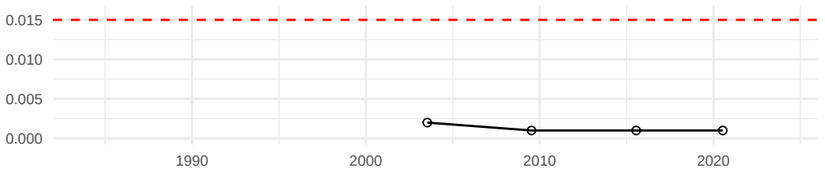


Chemical Oxygen Demand (mg/L) :



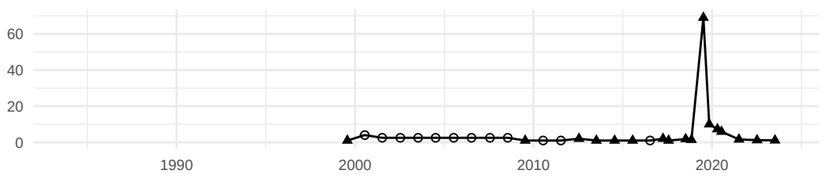
Total Lead (mg/L) :

AGQS: 0.015 mg/L



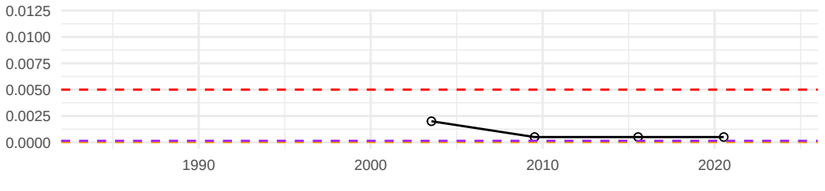
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



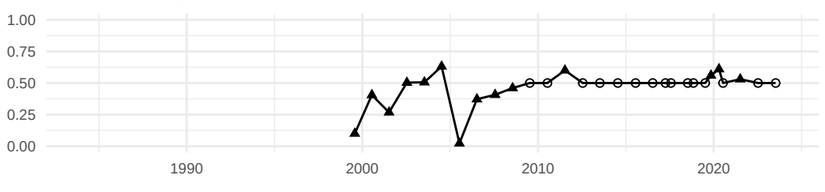
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



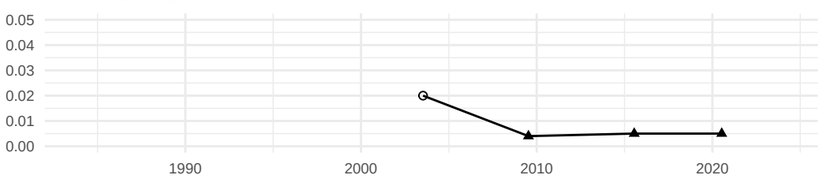
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

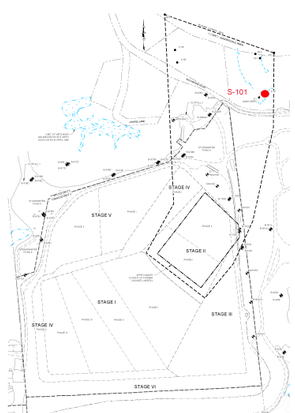


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect



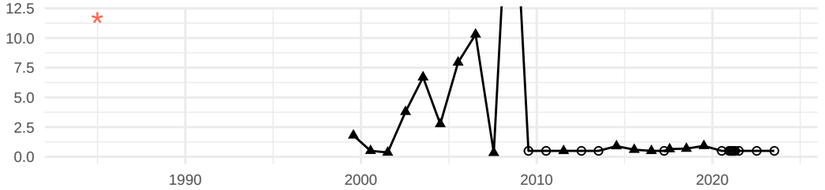
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

S−108

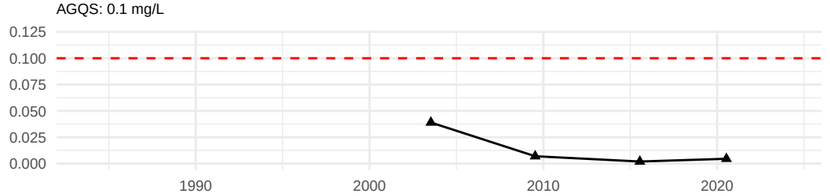
Specific Conductance (uS/cm) :

Total Kjeldahl Nitrogen (TKN) (mg/L) :

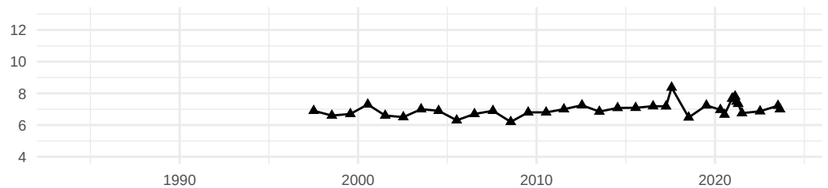


Total Chromium (mg/L) :

AGQS: 0.1 mg/L

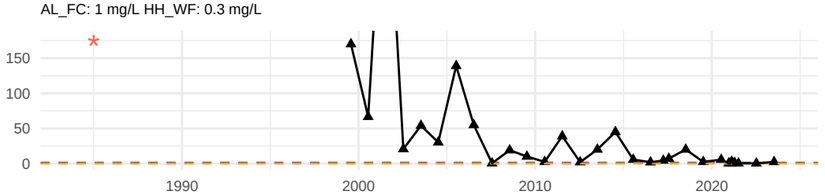


pH (SU) :

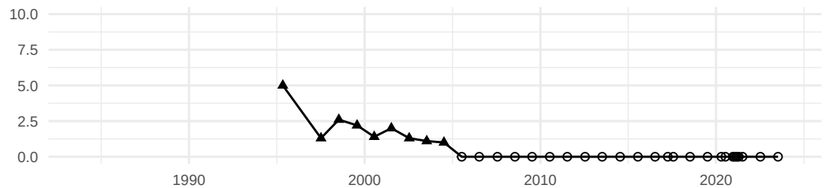


Total Iron (mg/L) :

AL_FC: 1 mg/L HH_WF: 0.3 mg/L



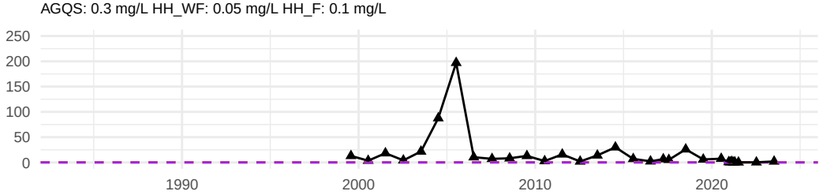
Total VOCs (NA) :



Temperature (C) :

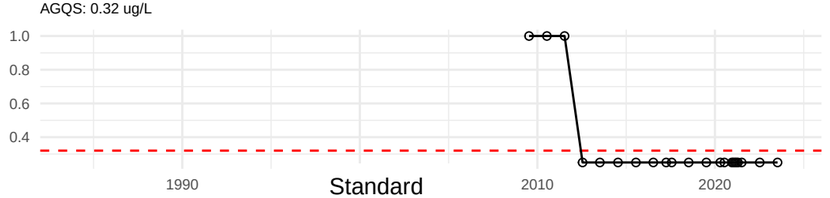
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

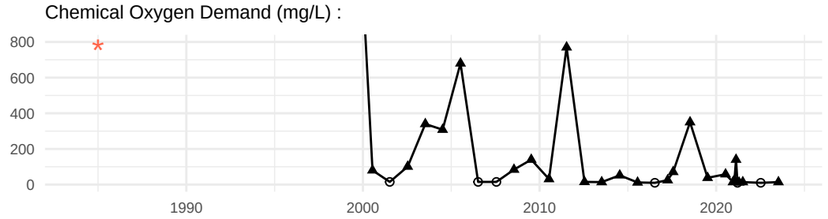


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

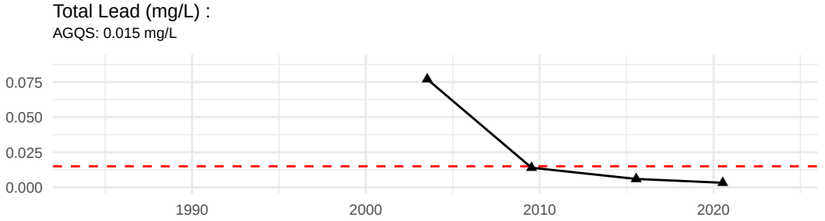


Chemical Oxygen Demand (mg/L) :



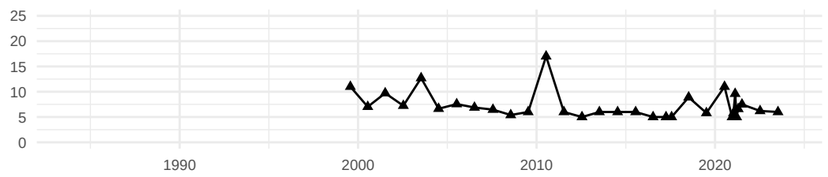
Total Lead (mg/L) :

AGQS: 0.015 mg/L



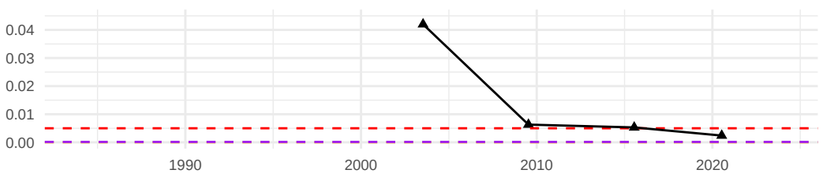
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



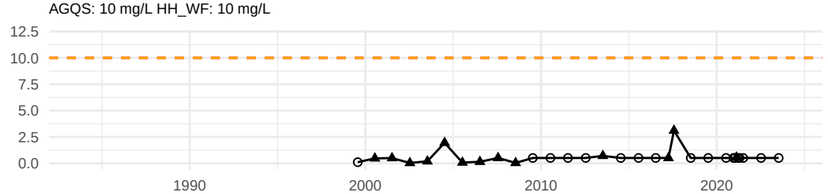
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



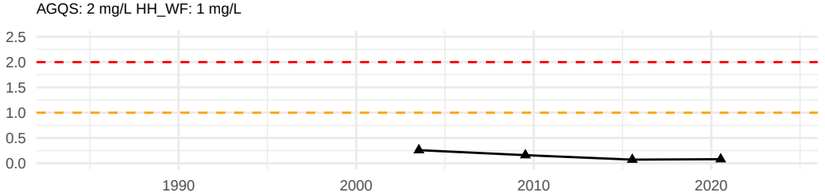
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

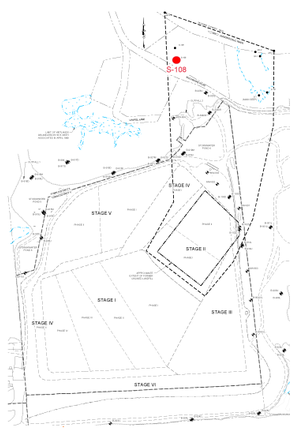


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect



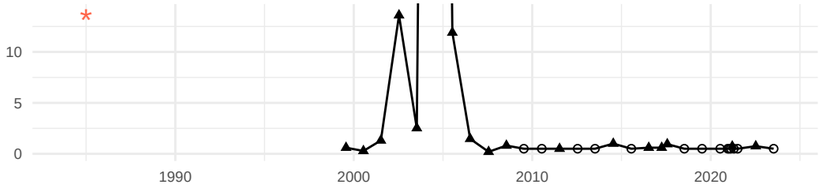
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

S−109

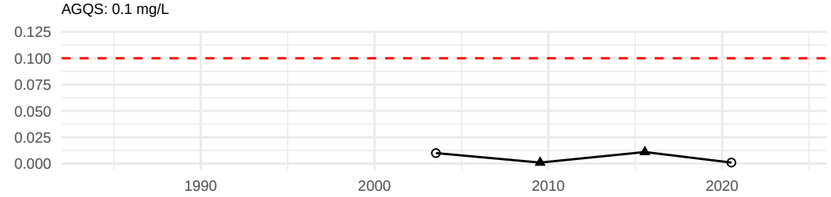
Specific Conductance (uS/cm) :

Total Kjeldahl Nitrogen (TKN) (mg/L) :



Total Chromium (mg/L) :

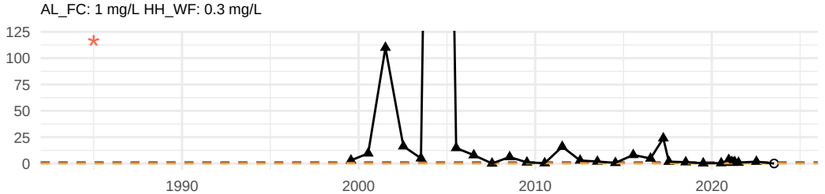
AGQS: 0.1 mg/L



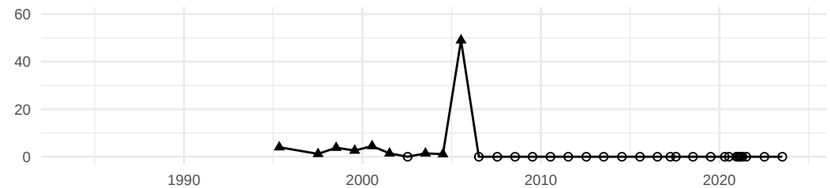
pH (SU) :

Total Iron (mg/L) :

AL_FC: 1 mg/L HH_WF: 0.3 mg/L



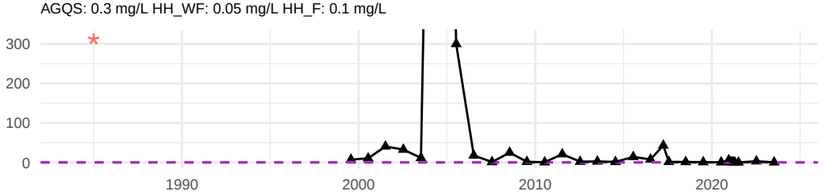
Total VOCs (NA) :



Temperature (C) :

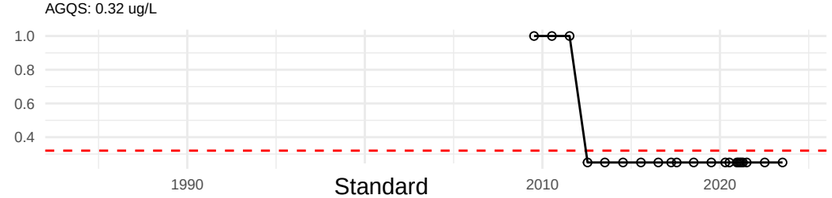
Total Manganese (mg/L) :

AGQS: 0.3 mg/L HH_WF: 0.05 mg/L HH_F: 0.1 mg/L

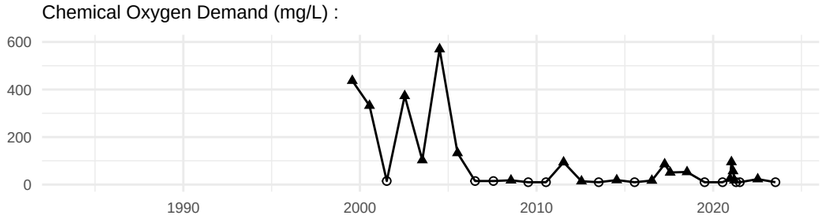


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

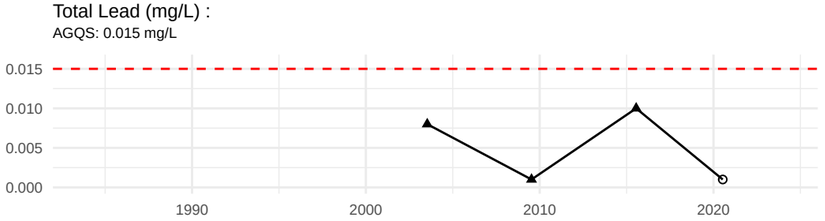


Chemical Oxygen Demand (mg/L) :



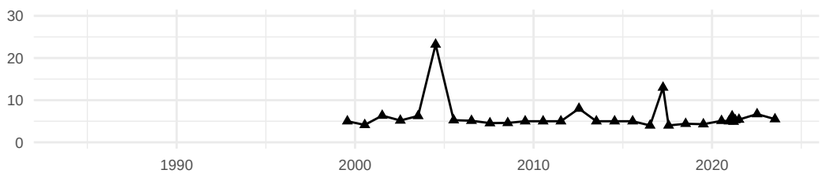
Total Lead (mg/L) :

AGQS: 0.015 mg/L



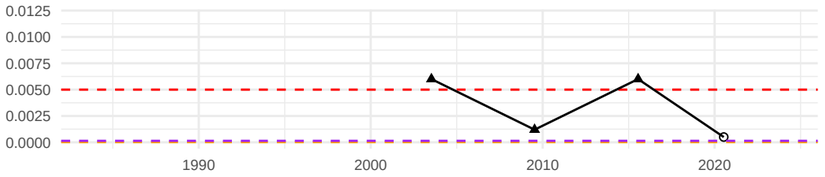
Chloride (mg/L) :

AL_FA: 860 mg/L AL_FC: 230 mg/L



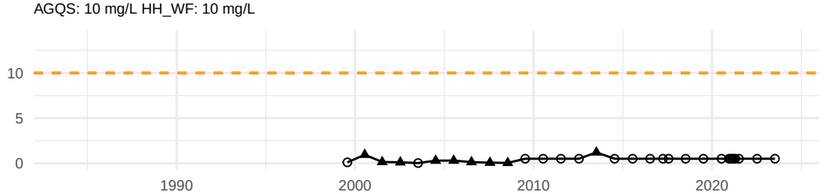
Total Arsenic (mg/L) :

AGQS: 0.005 mg/L AL_FA: 0.34 mg/L AL_FC: 0.15 mg/L HH_WF: 1.8e−05 mg/L HH_F: 0.00014 mg/L



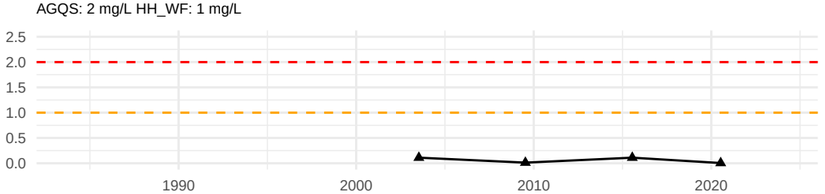
Nitrate (mg/L) :

AGQS: 10 mg/L HH_WF: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L HH_WF: 1 mg/L

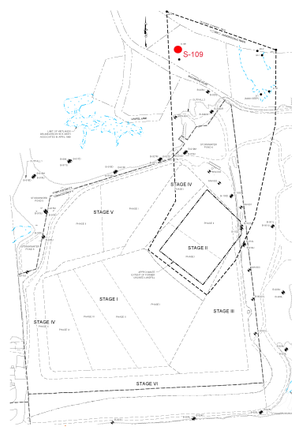


Standard

- AGQS
- AL_FA
- AL_FC
- HH_WF
- HH_F

Result

- Detect
- Non−Detect



* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

Appendix D

PFAS Groundwater Analytical Results

APPENDIX D
TABLE NOTES

1. Samples prior to November 2023 were collected by Sanborn Head personnel on the dates indicated and analyzed for PFAS by Enthalpy (formerly Vista) Analytical Laboratory (Enthalpy) of El Dorado Hills, California (except April 2019) by USEPA Method 537 (modified) with isotope dilution. Samples from November 2023 were collected by Sanborn Head personnel on the dates indicated and analyzed by Enthalpy by USEPA Method 1633. Enthalpy was subcontracted through Eastern Analytical, Inc. (EAI) of Concord, New Hampshire.

   PFAS Samples from April 2019 were analyzed by Eurofins Lancaster Laboratories (Lancaster) of Lancaster, Pennsylvania. Lancaster was subcontracted through EAI.

   Sample Locations denoted “QC_FB” or “QC_TB” indicate a quality control field blank or trip blank sample respectively.

2. A sample type of “N” indicates a normal sample. A sample type of “FD” indicates a field duplicate sample. A sample type of “FB” indicates a field blank. A sample type of “TB” indicates a trip blank.

3. Results are presented in nanograms per liter (ng/L) which are equivalent to parts per trillion (ppt).

4. "<" or “ND” indicates the analyte was not detected above the listed laboratory reporting limit.

   “JL” indicates the result is estimated with potential low bias due to low labeled internal standard recoveries (<10%).

   Blank cells indicate the sample was not analyzed for that analyte.

5. "GW-1" Groundwater Standards are from the New Hampshire Department of Environmental Services (NHDES) Contaminated Sites Risk Characterization and Management Policy (RCMP) (January 1998, with 2000 through 2018 revisions/addenda). GW-1 Groundwater Standards are intended to be equivalent to the AGQSs promulgated in Env-Or 600 (June 2015 with October 2016, September 2018, September 2019, May 2020, January 2021, and July 2021 amendments). For analytes where GW-1 and AGQS values differ, the values presented in this table reflect the AGQSs in the latest Env-Or 600 update. The AGQS/GW-1 Groundwater Standards are intended to be protective of groundwater as a source of drinking water.

6. [3] = number of carbons in the alkyl chain for perfluorinated carboxylic acids (PFCAs). The carbon included in the carboxylic functional group is non-fluorinated and the remaining carbons (i.e., alkyl chain) are fluorinated.

   [4S] = number of carbons in the alkyl chain for perfluorinated sulfonic acids (PFSAs). All of the carbons are fluorinated.

   "<" indicates the analyte was not detected.

7. **Bold** values exceed the GW-1 Groundwater Standard for that analyte.

8. "Total of Regulated PFAS" indicates the sum of the detected concentrations of PFOA, PFNA, PFHxS, and PFOS.

9. "Total PFAS" indicates the sum of the concentrations of detected analytes (note – the PFAS analyte list may vary by round).

P:\2600s\2637.10\Source Files\Annual Report\Tables and Charts\Appendix D Table Notes.docx

Appendix D.1

Summary of PFAS Groundwater Analytical Results

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																									
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15										
B-102S	7/25/2017	N	<4.03	<4.03	9.63	6.09	<4.03	<4.03						<4.03		7.64		<4.03									7.64	23.36
B-102S	12/6/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.77	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	4.77
B-102S	3/20/2023	N	<4	<4	4.12	5.02	4.24	<4	<4	<4	<4	<4	<4	5.5	<4	4.82	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	9.06	23.7
B-102D	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-102D	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-304UR	7/25/2017	N	7.06	5.2	14.9	21.4	5.51	<4.05						<4.05		<4.05		<4.05										5.51	54.07
B-304UR	11/7/2017	N	25	19.8	33.2	7.72	<4.47	<4.47						10.1		<4.47		<4.47										ND	95.82
B-304UR	4/23/2018	N	52.4	20.9	28.8	18	6.26	<4.01						11.1		<4.01		<4.01										6.26	137.46
B-304UR	7/11/2018	N	40.8	17.6	32.4	29	<4.27	<4.27						22.1		<4.27		<4.27										ND	141.9
B-304UR	7/8/2019	N	30.8	14.9	21.1	9.4	4.94	<4.43						15.3		<4.43		<4.43										4.94	96.44
B-304UR	7/13/2020	N	56	32.3	55.5	18.1	**22.7**	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	37.2	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	6.44	<21.5	<4.29	<4.29	22.7	228.24
B-304UR	5/27/2021	N	10.1	15.6	22.2	11.8	**17.5**	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<5.06	<4.05	<4.05	<5.57	<4.05	<4.05	<4.56	<4.05	<20	<4.05	<5.32	17.5	77.2
B-304UR	7/7/2021	N	107	59.6	76.8	9.19	10.6	<4	<4	<4	<4	<4	<4	66.5	<4	<4	<4	<4	<4	<4	<4	<4	<4	5.33	<20	<4	<4	10.6	335.02
B-304UR	9/29/2021	N	194	128	199	63.2	**13**	<4	<4	<4	<4	<4	<4	137	4.46	13.2	<4	<4	<4	<4	<4	<4	<4	4.81	<20	<4	<4	26.2	756.67
B-304UR	11/1/2021	N	180	103	151	31.3	5.93	<4	<4	<4	<4	<4	<4	111	<4	6.51	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	12.44	588.74
B-304UR	2/22/2022	N	199	144	227	73.1	11.2	<4	<4	<4	<4	<4	<4	165	5	11.1	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	22.3	835.4
B-304UR	4/18/2022	N	8.39	9.88	15.4	13.3	**13.9**	<4	<4	<4	<4	<4	<4	4.43	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	13.9	65.30
B-304UR	6/8/2022	N	18.8	16.4	24.7	21	**26.7**	<4	<4	<4	<4	<4	<4	12	<4	5.37	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	32.07	124.97
B-304UR	7/11/2022	N	58.5	43.7	49.5	8.18	**25.9**	<4	<4	<4	<4	<4	<4	47	<4	4.19	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	30.09	236.97
B-304UR	11/2/2022	N	27	19.2	26.1	7.04	8.34	<4	<4	<4	<4	<4	<4	22.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	8.34	110.58
B-304UR	7/11/2023	N	14.2	15	25.2	8.7	**13.2**	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	11.4	<2.13	2.25	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<4.26	<2.13	<2.13	15.45	89.95
B-304UR	11/6/2023	N	38.8	36.5	62	18.9	**20.9**	<2.86	<2.86	<2.86	<2.86	<2.86	<2.86	42.2	<2.68	<2.61	<2.71	<2.66	<2.75	<2.75	<10.7	<10.8	<11	<2.86	<2.86	<2.86	<2.86	20.9	219.3
B-304DR	7/25/2017	N	8.15	16.1	19.2	7.15	**18.7**	<4.11						<4.11		<4.11		<4.11										18.7	69.3
B-304DR	11/7/2017	N	14.3	25.2	32	12.5	**25**	<4.78						6.58		<4.78		<4.78										25	115.58
B-304DR	4/23/2018	N	20	31.8	38.2	15	**19.7**	<4.2						8.56		6.12		<4.2										25.82	139.38
B-304DR	7/11/2018	N	16.2	27.9	37.7	16.9	**14.9**	<4.55						10.4		6.93		<4.55										21.83	130.93
B-304DR	7/8/2019	N	8.68	10.9	14.4	7.9	6.58	<4.15						4.35		<4.15		<4.15										6.58	52.81
B-304DR	7/13/2020	N	85.4	62.1	102	20	**24.8**	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	73.8	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<22.1	<4.41	<4.41	24.8	368.1
B-304DR	5/27/2021	N	18.7	15.8	29.3	7.24	7.21	<4.02	<4.02	<4.02	<4.02	<4.02	<4.02	16.5	<4.02	<4.02	<5.03	<4.02	<4.02	<5.53	<4.02	<4.02	<4.52	4.95	<20	<4.02	<5.28	7.21	99.7
B-304DR	7/7/2021	N	65.1	48.3	91.7	39.4	**32.5**	<4	<4	<4	<4	<4	<4	55.6	<4	7.51	<4	<4	<4	<4	<4	<4	<4	4.41	<20	<4	<4	40.01	344.52
B-304DR	9/29/2021	N	35.6	28	55.9	23.3	**24**	<4	<4	<4	<4	<4	<4	27	<4	6.8	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	30.8	200.6
B-304DR	11/1/2021	N	25	21.7	40.2	20	**23.6**	<4.04	<4.04	<4.04	<4.04	<4.04	<4.04	19.9	<4.04	6.36	<5.05	<4.04	<4.04	<5.55	<4.04	<4.04	<4.54	<4.04	<20	<5.3	<4.04	29.96	156.76
B-304DR	2/22/2022	N	20	19.5	31	22	**42.9**	<4	<4	<4	<4	<4	<4	14.9	<4	13.8	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	56.7	164.1
B-304DR	4/18/2022	N	17.6	21.2	25.6	18.1	**49.5**	<4	<4	<4	<4	<4	<4	12.2	<4	15.8	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	65.3	160.0
B-304DR	6/8/2022	N	16.7	15.1	20.6	14.4	**25.8**	<4	<4	<4	<4	<4	<4	11.4	<4	11.3	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	37.1	115.3
B-304DR	7/11/2022	N	27.4	25.5	29.4	24.5	**41.1**	<4	<4	<4	<4	<4	<4	15	<4	**21.2**	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	62.3	184.1
B-304DR	11/2/2022	N	19.7	21.8	26.8	18.3	**63.4**	<4	<4	<4	<4	<4	<4	12.9	<4	**18.8**	<4	<4	<4	<4	<4	6.99	<4	<4	<20	<4	<4	82.2	188.7
B-304DR	7/11/2023	N	22.5	25.6	31.6	25.4	**91.4**	<2.85	<2.85	<2.85	<2.85	<2.85	<2.85	15.9	2.88	**23.9**	<2.85	<2.85	<2.85	<2.85	<2.85	7.12	<2.85	<2.85	<5.71	<2.85	<2.85	115.3	246.3
B-304DR	11/6/2023	N	<640	<320	<160	<160	<200	<160	<160	<160	<160	<160	<160	<142	<150	<146	<152	<149	<154	<154	<600	<607	<614	<160	<160	<160	<160	ND	ND
MW-604	5/27/2021	N	<4.26	<4.26	5.82	5.37	11	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	<5.33	<4.26	<4.26	<5.86	<4.26	<4.26	<4.8	16.1	<20	<4.26	<5.6	11	38.29
MW-604	7/7/2021	N	5.17	4.91	7.83	7.42	12	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	18.7	<20	<4	<4	12	56.03
MW-604	9/29/2021	N	5.12	5	7.78	6.64	10.6	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	6.85	<20	<4	<4	ND	41.99
MW-604	11/1/2021	N	4.51	5.14	7.45	6.11	10.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.3	<20	<4	<4	10.7	38.21
MW-604	2/22/2022	N	4.59	5.42	7.92	6.15	10.4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	10.4	34.48
MW-604	4/18/2022	N	4.12	4.62	6.21	5.29	11.5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	11.5	31.74
MW-604	6/8/2022	N	5.25	4.97	7.8	6.92	11.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	11.9	36.84
MW-604	11/2/2022	N	4.01	4.38	6.58	5.87	11	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	11	31.84
MW-604	7/11/2023	N	<2.32	2.37	3.34	3.24	11.2	<2.32	<2.32	<2.32	<2.32	<2.32	<2.32	4.58	<2.32	<2.32	<2.32	5.72	<2.32	<2.32	<2.32	<2.32	<2.32	<2.32	<4.64	<2.32	<2.32	16.92	30.45

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																									
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15										
MW-604	11/6/2023	N	<88.9	<44.4	<22.2	<22.2	<27.8	<22.2	<22.2	<22.2	<22.2	<22.2	<22.2	<19.7	<20.8	<20.3	<21.1	<20.7	<21.4	<21.4	<83.3	<84.3	<85.3	<22.2	<22.2	<22.2	<22.2	ND	ND
MW-701	4/23/2018	N	7.14	8.12	10.7	6.93	**17.9**	<4.04						<4.04		<4.04		<4.04										17.9	50.79
MW-701	7/10/2018	N	11.4	24.4	28.4	9.54	**17.3**	<4.24						11		<4.24		6.68										23.98	108.72
MW-701	7/9/2019	N	9.96	28	24.5	8.67	**20.6**	<4.29						5.38		<4.29		<4.29										20.6	97.11
MW-701	11/4/2019	N	11.1	20.1	21.7	6.1	**16.4**	<4.52	<4.52	<4.52	<4.52	<4.52	<4.52	4.65	<4.52	<4.52	<4.52	6.65	<4.52	<4.52	<4.52	<4.52	<4.52	<4.52	<22.6	<4.52	<4.52	23.05	86.7
MW-701	1/7/2020	N	8.44	14.2	23	5.56	**14.7**	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	7.18	<4.62	<4.62	<4.62	<4.62	<4.62	<4.62	<23.1	<4.62	<4.62	21.88	73.08
MW-701	4/20/2020	N	7.21	13.7	19.2	6.19	**12.7**	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	5.86	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<22.1	<4.43	<4.43	12.7	64.86
MW-701	7/15/2020	N	7.36	13	12.9	7.14	11.5	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	5.95	<22.1	<4.41	<4.41	11.5	57.85
MW-701	11/2/2020	N	<4.49	9.86	9.42	<4.49	10.3	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<4.49	<22.5	<4.49	<4.49	10.3	29.58
MW-701	1/13/2021	N	8.07	16.4	23.4	<4.4	6.62	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<20	<4.4	<4.4	6.62	54.49
MW-701	4/19/2021	N	8.58	25.2	36.2	6.77	**16**	<4.57	<4.57	<4.57	<4.57	<4.57	<4.57	<4.57	<4.57	7.22	<5.71	<4.57	<4.57	<6.28	<4.57	8.6	<5.14	<4.57	<20	<4.57	<5.99	23.22	108.57
MW-701	7/6/2021	N	6.88	14.7	25.3	5.76	**13.4**	<4	<4	<4	<4	<4	<4	<4	<4	4.86	<4	<4	<4	<4	<4	5.52	<4	4.19	<20	<4	<4	18.26	80.61
MW-701	11/1/2021	N	6.07	14.1	20.7	<4	**12.2**	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	9.04	<4	<4	<4	<4	<4	<4	<20	<4	<4	21.24	62.11
MW-701	1/6/2022	N	9.76	14.2	18.8	3.81	**12.6**	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	6.48	<1.99	<1.99	<1.99	9.56	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<2.48	<1.99	<1.99	22.16	75.21
MW-701	4/18/2022	N	6.63	10.1	10.2	<4	5.63	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	7.60	<4	<4	<4	<4	<4	<4	<20	<4	<4	13.23	40.16
MW-701	7/12/2022	N	6.23	9.47	11.2	<4	6.8	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	6.03	<4	<4	<4	<4	<4	<4	<20	<4	<4	12.83	39.73
MW-701	11/2/2022	N	6.75	8.68	9.90	4.04	6.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.96	<4	<4	<4	<4	<4	<4	<20	<4	<4	11.06	40.43
MW-701	1/4/2023	N	6.11	6.89	8.09	<4	6.14	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	5.21	<4	<4	<4	<4	<4	<4	<20	<4	<4	11.35	32.44
MW-701	4/19/2023	N	4.38	5.4	6.55	<4	4.43	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	5.91	<4	<4	<4	<4	<4	<4	<20	<4	<4	10.34	26.67
MW-701	7/12/2023	N	8.53	12.2	16.8	2.9	5.17	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	3	<2.21	<2.21	<2.21	2.76	<2.21	<2.21	<2.21	<2.21	<2.21	3.97	<4.41	<2.21	<2.21	7.93	55.33
MW-701	11/6/2023	N	6.99	9.14	11.7	2.19	4.35	<1.61	<1.61	<1.61	<1.61	<1.61	<1.61	4.29	<1.51	<1.47	<1.53	3.65	<1.55	<1.55	<6.05	<6.12	<6.19	<1.61	<1.61	<1.61	<1.61	8.00	42.31
MW-801	7/25/2017	N	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25						<4.25		<4.25		<4.25										ND	ND
MW-802	7/25/2017	N	4.77	5.81	10.7	<4.27	**16.7**	<4.27						<4.27		4.34		<4.27										21.04	42.32
MW-802	11/7/2017	N	<4.68	<4.68	6.74	<4.68	<4.68	<4.68						<4.68		<4.68		<4.68										ND	6.74
MW-802	4/23/2018	N	7.95	9.81	18.3	5.55	11	<4.19						<4.19		<4.19		<4.19										11	52.61
MW-802	7/11/2018	N	7.9	14.1	27.4	9.11	7.13	<4.23						<4.23		<4.23		<4.23										7.13	65.64
MW-802	7/8/2019	N	8.58	15.8	23.2	8.34	**14.2**	<4.22						<4.22		<4.22		<4.22										14.2	70.12
MW-802	7/15/2020	N	6.13	11.4	14.2	6.77	10.3	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	<4.81	9.31	<24	<4.81	<4.81	10.3	58.11
MW-802	7/7/2021	N	8.06	15.4	16.4	5.98	6.47	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	6.47	52.31
MW-802	7/11/2022	N	8.14	14.8	17	7.83	4.52	<4	<4	<4	<4	<4	<4	4.34	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.52	56.63
MW-802	7/12/2023	N	3.32	5.45	8.05	4.33	3.39	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	3.33	<2.28	3.07	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<4.57	<2.28	<2.28	6.46	30.94
MW-803	7/25/2017	N	8.51	11.6	17.9	6.32	<4.16	<4.16						<4.16		<4.16		<4.16										ND	44.33
MW-803	5/27/2021	N	6.64	10.8	16.1	11.3	7.07	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<5.23	<4.18	<4.18	<5.75	<4.18	<4.18	<4.71	10	<20	<4.18	<5.49	7.07	61.91
MW-803	7/7/2021	N	7.01	11.5	13.9	13.3	7.73	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	17.9	<20	<4	<4	7.73	71.34
MW-803	9/29/2021	N	5.88	8.63	15.8	6.63	6.35	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	10.8	<20	<4	<4	6.35	54.09
MW-803	11/1/2021	N	5.34	7.77	14.3	5.5	5.8	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	7.26	<20	<4	<4	5.8	45.97
B-903U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-903U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-903L	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-903L	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-904U	7/8/2019	N	<4.82	<4.82	<4.82	<4.82	<4.82	<4.82						<4.82		<4.82		<4.82										ND	ND
B-904U	7/16/2020	N	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<21.4	<4.28	<4.28	ND	ND
B-904U	7/6/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-904U	7/12/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-904U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																										
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15											
B-904U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-904L	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-904L	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-914U	7/8/2019	N	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18						<4.18		<4.18		<4.18										ND	ND
B-914U	7/16/2020	N	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	4.87	<22	<4.39	<4.39	ND	4.87
B-914U	7/5/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.5	<20	<4	<4	ND	4.5
B-914U	7/13/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-914U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-914U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-914L	12/1/2022	N	<4	<4	<4	<4	4.84	<4	<4	<4	<4	<4	<4	7.18	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.84	12.02
B-914L	3/20/2023	N	13.7	19.3	17.4	12.1	**19.4**	<4	<4	<4	<4	<4	<4	20.2	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	19.4	102.1
B-915U	7/25/2017	N	10.5	13.9	15.1	4.58	8.26	<4.15						<4.15		<4.15		<4.15										8.26	52.34
B-915U	11/7/2017	N	13	18	19.8	5.58	**14.2**	<4.58						8.38		<4.58		<4.58										14.2	78.96
B-915U	4/23/2018	N	12.2	12.6	13.2	5.79	**12.6**	<4.16						5.72		<4.16		<4.16										12.6	62.11
B-915U	7/9/2018	N	8.26	10.6	11.5	5	8.26	<4.5						<4.5		<4.5		<4.5										8.26	43.62
B-915U	7/9/2019	N	8.64	13.8	14.5	5.38	6.54	<4.3						<4.3		<4.3		<4.3										6.54	48.86
B-915U	7/15/2020	N	8.94	16.3	17.7	5.48	**14.5**	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41	5.29	<4.41	<4.41	<4.41	<4.41	<4.41	6.12	<22	<4.41	<4.41	19.79	74.33
B-915U	7/6/2021	N	12.4	17.3	22.1	5.62	6.69	<4	<4	<4	<4	<4	<4	19.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	6.69	83.81
B-915U	7/12/2022	N	5.79	5.62	7.05	<4	4.4	<4	<4	<4	<4	<4	<4	9.76	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.4	32.62
B-915U	7/11/2023	N	7.67	6.97	11.0	2.69	4.23	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	5.57	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<4.82	<2.41	<2.41	4.23	38.13
B-915M	11/7/2017	N	<4.40	<4.40	<4.40	<4.40	<4.40	<4.40						<4.40		<4.40		<4.40										ND	ND
B-915M	4/23/2018	N	<4.13	<4.13	<4.13	<4.13	4.54	<4.13						<4.13		<4.13		<4.13										4.54	4.54
B-915M	7/9/2018	N	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23						<4.23		<4.23		<4.23										ND	ND
B-915M	7/9/2019	N	<4.24	<4.24	<4.24	<4.24	<4.24	<4.24						<4.24		<4.24		<4.24										ND	ND
B-915M	7/15/2020	N	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	5.43	<22.1	<4.43	<4.43	ND	5.43
B-915M	7/6/2021	N	<4	4.13	5.4	<4	4.94	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.94	14.47
B-915M	7/12/2022	N	4.05	5.37	5.78	<4	4.54	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.54	19.74
B-915M	7/11/2023	N	3.33	4.67	4.97	<2.21	4.20	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	2.44	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<4.41	<2.21	<2.21	4.2	19.61
B-915D	11/7/2017	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35						<4.35		<4.35		<4.35										ND	ND
B-915D	4/23/2018	N	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28						<4.28		<4.28		<4.28										ND	ND
B-918U	7/9/2018	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35						<4.35		<4.35		<4.35										ND	ND
B-918U	8/27/2018	N	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31						<4.31		<4.31		<4.31										ND	ND
B-918U	7/9/2019	N	<4.21	<4.21	<4.21	<4.21	<4.21	<4.21						<4.21		<4.21		<4.21										ND	ND
B-918U	7/15/2020	N	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<22.3	<4.47	<4.47	ND	ND
B-918U	7/6/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-918U	7/12/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-918U	7/11/2023	N	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<4.32	<2.16	<2.16	ND	ND
B-918M	7/9/2018	N	23.7	38.3	51.5	23	**64**	8.72						9.33		11.3		12.6										96.62	242.45
B-918M	8/27/2018	N	23.7	35.9	47.2	19.3	**52**	6.71						7.19		7.71		10.3										76.72	210.01
B-918M	11/5/2018	N	13.5	23.7	33.2	14.2	**42.9**	6.13						5.54		6.02		10.7										65.75	155.89
B-918M	4/22/2019	N	9.7	14	21	9.6	**27**	6.6	<1.7	<1.7	<1.7	<0.86	<0.86	3.1	<1.7	3.8	<1.7	8.6	<1.7	<1.7	<2.6	<1.7	<5.2	<2.6	<7.8	<2.6	<2.6	46	103.4
B-918M	7/9/2019	FD	6.6	10.5	15.5	7.62	**17.3**	<4.61						<4.61		<4.61		4.85										22.15	62.37
B-918M	7/9/2019	N	6.8	11.7	15.9	7.28	**19.3**	<4.36						<4.36		<4.36		5										24.3	65.98
B-918M	11/4/2019	N	8.15	13.5	16.8	9.71	**28.4**	5.7	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	5.23	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<21.8	<4.37	<4.37	39.33	87.49

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																									
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15										
B-918M	1/7/2020	N	4.9	7.6	11.2	<4.22	**14.3**	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	5.14	<4.22	<4.22	<4.22	<4.22	<4.22	<21.1	<4.22	<4.22	19.44	43.14
B-918M	4/20/2020	N	<4.35	4.71	7.02	<4.35	9.55	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35	4.42	<4.35	<4.35	<4.35	<4.35	<4.35	<21.8	<4.35	<4.35	13.97	25.7
B-918M	7/15/2020	FD	<4.34	5.53	6.51	<4.34	9.24	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<4.34	<21.7	<4.34	<4.34	9.24	21.28
B-918M	7/15/2020	N	<4.47	6.09	7.18	<4.47	8.72	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<22.4	<4.47	<4.47	8.72	21.99
B-918M	11/2/2020	N	6.56	14.2	17.9	7.76	**25.1**	4.93	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	7.67	<4.23	<4.23	<4.23	<4.23	<4.23	<21.1	<4.23	<4.23	37.7	84.12
B-918M	1/13/2021	N	4.92	8.88	13.5	5.35	**17.9**	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	6.76	<4.39	<4.39	<4.39	<4.39	<4.39	<20	<4.39	<4.39	24.66	57.31
B-918M	4/19/2021	N	8.31	14.1	20.2	8.38	**29**	4.53	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	<5.27	5.22	<4.22	<5.8	<4.22	<4.22	<4.75	<4.22	<20	<4.22	<5.54	38.75	89.74
B-918M	7/6/2021	N	11.2	20.8	28.4	11.4	**40.4**	6.91	<4	<4	<4	<4	<4	4.81	<4	5.66	<4	9.65	<4	<4	<4	<4	<4	<20	<4	<4	62.62	139.23
B-918M	7/6/2021	FD	12	21.4	26.4	13.2	**39.1**	6.44	<4	<4	<4	<4	<4	4.23	<4	5.55	<4	9.04	<4	<4	<4	<4	<4	<20	<4	<4	60.13	137.36
B-918M	11/2/2021	N	8.25	14.4	19.7	8.6	**29.2**	5.33	<4	<4	<4	<4	<4	<4	<4	4.04	<4	6.97	<4	<4	<4	<4	<4	<20	<4	<4	45.54	96.49
B-918M	11/2/2021	FD	8.16	14	18.5	8.32	**27.8**	4.72	<4	<4	<4	<4	<4	<4	<4	4.79	<4	7.3	<4	<4	<4	<4	<4	<20	<4	<4	44.61	93.59
B-918M	1/6/2022	N	7.86	13.6	17.7	7.76	**26.9**	4.53	<1.99	<1.99	<1.99	<1.99	<1.99	3.37	<1.99	4.07	<1.99	7.75	<1.99	<1.99	<1.99	<1.99	<1.99	<2.48	<1.99	<1.99	43.25	93.54
B-918M	4/18/2022	N	12.0	21.2	29.7	12.5	**44.2**	6.52	<4	<4	<4	<4	<4	4.93	<4	5.39	<4	10.5	<4	<4	<4	<4	<4	<20	<4	<4	66.61	146.94
B-918M	7/12/2022	N	12.6	20.5	27.3	13.0	**40.6**	6.71	<4	<4	<4	<4	<4	5.37	<4	6.13	<4	10.6	<4	<4	<4	<4	<4	<20	<4	<4	64.04	142.81
B-918M	7/12/2022	FD	12.2	21.9	28.5	12.7	**43.7**	6.3	<4	<4	<4	<4	<4	5.20	<4	6.11	<4	10.1	<4	<4	<4	<4	<4	<20	<4	<4	66.21	146.71
B-918M	11/2/2022	N	10.1	18.1	24.1	11.9	**34.9**	5.83	<4	<4	<4	<4	<4	<4	<4	<4	<4	9.59	<4	<4	<4	<4	<4	<20	<4	<4	50.32	114.52
B-918M	1/4/2023	N	6.40	10.0	12.4	6.27	**20.4**	4.06	<4	<4	<4	<4	<4	<4	<4	4.08	<4	6.73	<4	<4	<4	<4	<4	<20	<4	<4	35.27	70.34
B-918M	4/19/2023	N	<4	5.81	7.51	4.00	**12.9**	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	5.35	<4	<4	<4	<4	<4	<20	<4	<4	18.25	35.57
B-918M	7/11/2023	N	<2.16	3.17	4.25	2.40	6.15	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<4.31	<2.16	<2.16	6.15	15.97
B-918M	7/11/2023	FD	<2.21	3.09	4.06	2.36	5.89	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<4.41	<2.21	<2.21	5.89	15.4
B-918M	11/6/2023	N	<6.31	<3.15	3.38	2.49	6.06	<1.58	<1.58	<1.58	<1.58	<1.58	<1.58	<1.4	<1.48	1.51	<1.5	2.1	<1.52	<1.52	<5.91	<5.98	<6.05	<1.58	<1.58	<1.58	<1.58	9.67	15.54
B-918D	8/27/2018	N	<4.21	<4.21	<4.21	<4.21	<4.21	<4.21						<4.21		<4.21		<4.21										ND	ND
B-918D	7/9/2019	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35						<4.35		<4.35		<4.35										ND	ND
B-918D	7/6/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-918D	7/11/2023	N	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<4.87	<2.44	<2.44	ND	ND
B-919U	11/7/2017	N	8.92	14	18.7	8.27	**54.3**	<4.38						4.38		10.6		<4.38										64.9	110.25
B-919U	4/23/2018	N	7.48	8.46	6.52	4.27	**23.4**	<4.12						4.37		<4.12		<4.12										23.4	47.02
B-919U	7/9/2018	N	9.06	12	13.2	6.67	**20.6**	<4.38						<4.38		<4.38		<4.38										20.6	52.47
B-919U	7/8/2019	N	9.56	9.07	9.88	5.74	**14.1**	<4.3						<4.3		<4.3		<4.3										14.1	38.79
B-919U	7/13/2020	N	6.51	9.14	10.4	<4.38	**25.4**	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<21.9	<4.38	<4.38	25.4	44.94
B-919U	5/27/2021	N	5.1	7	7.98	<4.19	**24.5**	<4.19	<4.19	<4.19	<4.19	<4.19	<4.19	4.36	<4.19	<4.19	<5.24	<4.19	<4.19	<5.76	<4.19	<4.19	<4.71	<4.19	<20	<4.19	<5.5	24.5	43.84
B-919U	7/7/2021	N	7.78	9.41	11.7	6.38	**27.9**	<4	<4	<4	<4	<4	<4	4.61	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	27.9	60.00
B-919U	9/29/2021	N	7.31	8.41	11.4	6.59	**24.5**	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	24.5	50.90
B-919U	11/1/2021	N	6.52	6.96	9.31	6.14	**23.7**	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	23.7	52.63
B-919U	2/22/2022	N	13.7	17.2	23	9.88	**25.4**	<4	<4	<4	<4	<4	<4	13	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	25.4	88.48
B-919U	4/18/2022	N	10.8	13.1	18.2	8.81	**22.0**	<4	<4	<4	<4	<4	<4	8.91	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	22	81.82
B-919U	6/8/2022	N	9	9.46	12.8	8.68	**20.1**	<4	<4	<4	<4	<4	<4	9.93	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	20.1	60.97
B-919U	7/11/2022	N	7.6	8.61	12.4	10.2	**27.1**	<4	<4	<4	<4	<4	<4	10.4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	27.1	76.31
B-919U	11/2/2022	N	10.8	15.6	19.9	13.1	**23.4**	<4	<4	<4	<4	<4	<4	14.8	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	23.4	97.6
B-919U	7/11/2023	N	5.46	6.09	11.2	8.44	**23.7**	2.80	<2.11	<2.11	<2.11	<2.11	<2.11	9.00	<2.11	3.19	<2.11	<2.11	<2.11	<2.11	<2.11	<2.11	<2.11	<4.23	<2.11	<2.11	29.69	69.88
B-919M	11/7/2017	N	<4.76	6.16	<4.76	<4.76	<4.76	<4.76						<4.76		<4.76		<4.76										ND	6.16
B-919M	4/23/2018	N	<4.2	4.5	4.75	<4.2	<4.2	<4.2						<4.2		<4.2		<4.2										ND	9.25
B-919M	7/10/2018	N	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5						<4.5		<4.5		<4.5										ND	ND
B-919M	7/9/2019	N	<4.44	<4.44	<4.44	<4.44	<4.44	<4.44						<4.44		<4.44		<4.44										ND	ND
B-919M	7/15/2020	N	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<21.5	<4.29	<4.29	ND	ND
B-919M	5/27/2021	N	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<4.03	<5.03	<4.03	<4.03	<5.54	<4.03	<4.03	<4.53	<4.12	<20	<4.03	<5.29	ND	ND
B-919M	7/7/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919M	9/29/2021	N	<4	<4	<4	<4	5.51	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	5.51	5.51
B-919M	11/2/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																									
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15										
B-919M	2/22/2022	N	<4	<4	<4	<4	5.97	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	5.97	5.97
B-919M	4/18/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919M	6/8/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919M	7/11/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919M	11/2/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919M	7/11/2023	N	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<2.28	<4.55	<2.28	<2.28	ND	ND
B-919D	11/7/2017	N	<4.59	<4.59	<4.59	<4.59	<4.59	<4.59						<4.59		<4.59		<4.59										ND	ND
B-919D	4/23/2018	N	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22						<4.22		<4.22		<4.22										ND	ND
B-919D	7/8/2019	N	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26						<4.26		<4.26		<4.26										ND	ND
B-919D	5/27/2021	N	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<5.12	<4.1	<4.1	<5.63	<4.1	<4.1	<4.61	<4.1	<20	<4.1	<5.38	ND	ND
B-919D	7/7/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	9/29/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	11/1/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	2/22/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	4/18/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	6/8/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	11/2/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-919D	7/11/2023	N	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<4.44	<2.22	<2.22	ND	ND
B-923U	7/10/2018	N	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27						<4.27		<4.27		<4.27										ND	ND
B-923U	7/12/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-924U	7/25/2017	N	<4.33	<4.33	<4.33	<4.33	<4.33	<4.33						<4.33		<4.33		<4.33										ND	ND
B-924U	7/9/2019	N	<4.33	<4.33	<4.33	<4.33	<4.33	<4.33						<4.33		<4.33		<4.33										ND	ND
B-924U	7/7/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.1	<20	<4	<4	ND	4.1
B-924U	9/29/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-924U	7/12/2023	N	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<2.22	<4.43	<2.22	<2.22	ND	ND
B-925U	7/16/2020	N	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<4.46	<22.3	<4.46	<4.46	ND	ND
B-927M	7/9/2018	N	<5.45	<5.45	<5.45	<5.45	<5.45	<5.45						<5.45		<5.45		<5.45										ND	ND
B-927M	8/5/2019	N	<4	<4	<4	<4	<4	<4						<4		<4		<4										ND	ND
B-927M	7/13/2020	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	11.2 JL	<20	<4	<4	ND	11.2
B-927M	7/5/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-927M	7/11/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-927M	7/11/2023	N	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<3.36	<6.72	<3.36	<3.36	ND	ND
B-928U	9/29/2021	N	21.5	12.7	19.8	5.85	<4	<4	<4	<4	<4	<4	<4	14	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	73.85
B-928U	11/1/2021	N	16.2	9.41	13.5	5.79	<4	<4	<4	<4	<4	<4	<4	9.62	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	54.52
B-928U	2/22/2022	N	27.2	19	26.7	8.97	7.39	<4	<4	<4	<4	<4	<4	17.6	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	7.39	106.86
B-928U	4/18/2022	N	17.7	12.5	17.9	9.25	11.4	<4	<4	<4	<4	<4	<4	12.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	11.4	81.65
B-928U	6/8/2022	N	20.5	13.4	19.3	9.83	**15.4**	<4	<4	<4	<4	<4	<4	13.4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	15.4	91.83
B-928U	11/2/2022	N	13.3	13.2	18	13.3	**19.1**	<4	<4	<4	<4	<4	<4	10.4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	19.1	87.3
B-928U	7/11/2023	N	8.05	7.69	12.2	7.19	**15.1**	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	8.68	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	<2.43	<4.86	<2.43	<2.43	15.1	58.91
B-928U	11/6/2023	N	7.84	8.95	11.5	7.18	**15.3**	<1.66	<1.66	<1.66	<1.66	<1.66	<1.66	7.84	<1.56	<1.51	<1.58	<1.54	<1.6	<1.6	<6.22	<6.29	<6.37	<1.66	<1.66	<1.66	<1.66	15.3	58.61
B-928D	9/29/2021	N	18.2	24.1	34.2	9.44	<4	<4	<4	<4	<4	<4	<4	11.4	<4	<4	<4	<4	<4	<4	<4	<4	<4	4.12	<20	<4	<4	ND	101.46
B-928D	11/1/2021	N	29.2	21.7	29.3	6.65	<4	<4	<4	<4	<4	<4	<4	17.5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	104.35
B-928D	2/22/2022	N	31.6	22.2	33.5	9.14	4.98	<4	<4	<4	<4	<4	<4	23.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	4.98	125.12
B-928D	4/18/2022	N	33.6	24.6	34.6	9.20	5.59	<4	<4	<4	<4	<4	<4	25.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	5.59	133.49
B-928D	6/8/2022	N	33.5	21.4	26.4	9.77	6.47	<4	<4	<4	<4	<4	<4	22.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	6.47	120.44

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																									
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15										
B-928D	11/2/2022	N	25.1	16.3	20.8	8.39	8.49	<4	<4	<4	<4	<4	<4	14.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	8.49	93.78
B-928D	7/11/2023	N	10.5	7.34	10.9	5.76	9.17	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	8.09	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	<2.48	<4.96	<2.48	<2.48	9.17	51.76
B-928D	11/6/2023	N	<2130	<1070	<533	<533	<667	<533	<533	<533	<533	<533	<533	<473	<500	<487	<507	<497	<513	<513	<2000	<2020	<2050	<533	<533	<533	<533	ND	ND
B-929U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-929U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-929L	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-929L	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-930U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-930U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-930U	7/12/2023	N	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<2.34	<4.68	<2.34	<2.34	ND	ND
B-930L	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-930L	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-931U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-931U	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-931U	7/12/2023	N	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	<3.89	<1.95	<1.95	ND	ND
B-931L	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
B-931L	3/20/2023	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	7/25/2017	FB	<4.04	<4.04	<4.04	<4.04	<4.04	<4.04						<4.04		<4.04		<4.04										ND	ND
QC_FB	11/7/2017	FB	<4.53	<4.53	<4.53	<4.53	<4.53	<4.53						<4.53		<4.53		<4.53										ND	ND
QC_FB	4/23/2018	FB	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31						<4.31		<4.31		<4.31										ND	ND
QC_FB	7/11/2018	FB	<4.33	<4.33	<4.33	<4.33	<4.33	<4.33						<4.33		<4.33		<4.33										ND	ND
QC_FB	8/27/2018	FB	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32						<4.32		<4.32		<4.32										ND	ND
QC_FB	11/5/2018	FB	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23						<4.23		<4.23		<4.23										ND	ND
QC_FB	4/22/2019	FB	<5.1	<5.1	<1.7	<0.85	<0.85	<1.7	<1.7	<1.7	<1.7	<0.85	<0.85	<0.85	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<2.5	<1.7	<5.1	<2.5	<7.6	<2.5	<2.5	ND	ND
QC_FB	7/9/2019	FB	<4.19	<4.19	<4.19	<4.19	<4.19	<4.19						<4.19		<4.19		<4.19										ND	ND
QC_FB	8/5/2019	FB	<4.24	<4.24	<4.24	<4.24	<4.24	<4.24						<4.24		<4.24		<4.24										ND	ND
QC_FB	11/4/2019	FB	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<4.39	<21.9	<4.39	<4.39	ND	ND
QC_FB	11/6/2019	FB	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27		<4.27	<4.27	<4.27		<4.27				<4.27				ND	ND
QC_FB	1/7/2020	FB	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<4.45	<22.2	<4.45	<4.45	ND	ND
QC_FB	4/20/2020	FB	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<4.32	<21.6	<4.32	<4.32	ND	ND
QC_FB	7/16/2020	FB	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<22.1	<4.43	<4.43	ND	ND
QC_FB	11/2/2020	FB	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<21.3	<4.25	<4.25	ND	ND
QC_FB	1/13/2021	FB	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	<20	<4.28	<4.28	ND	ND
QC_FB	4/19/2021	FB	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<5.46	<4.37	<4.37	<6.01	<4.37	<4.37	<4.91	<4.37	<20	<4.37	<5.73	ND	ND
QC_FB	5/27/2021	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	7/7/2021	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	9/29/2021	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	11/2/2021	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	1/6/2022	FB	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<2.48	<1.99	<1.99	ND	ND
QC_FB	2/22/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	4/18/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	6/8/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	7/13/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	11/2/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	12/1/2022	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND

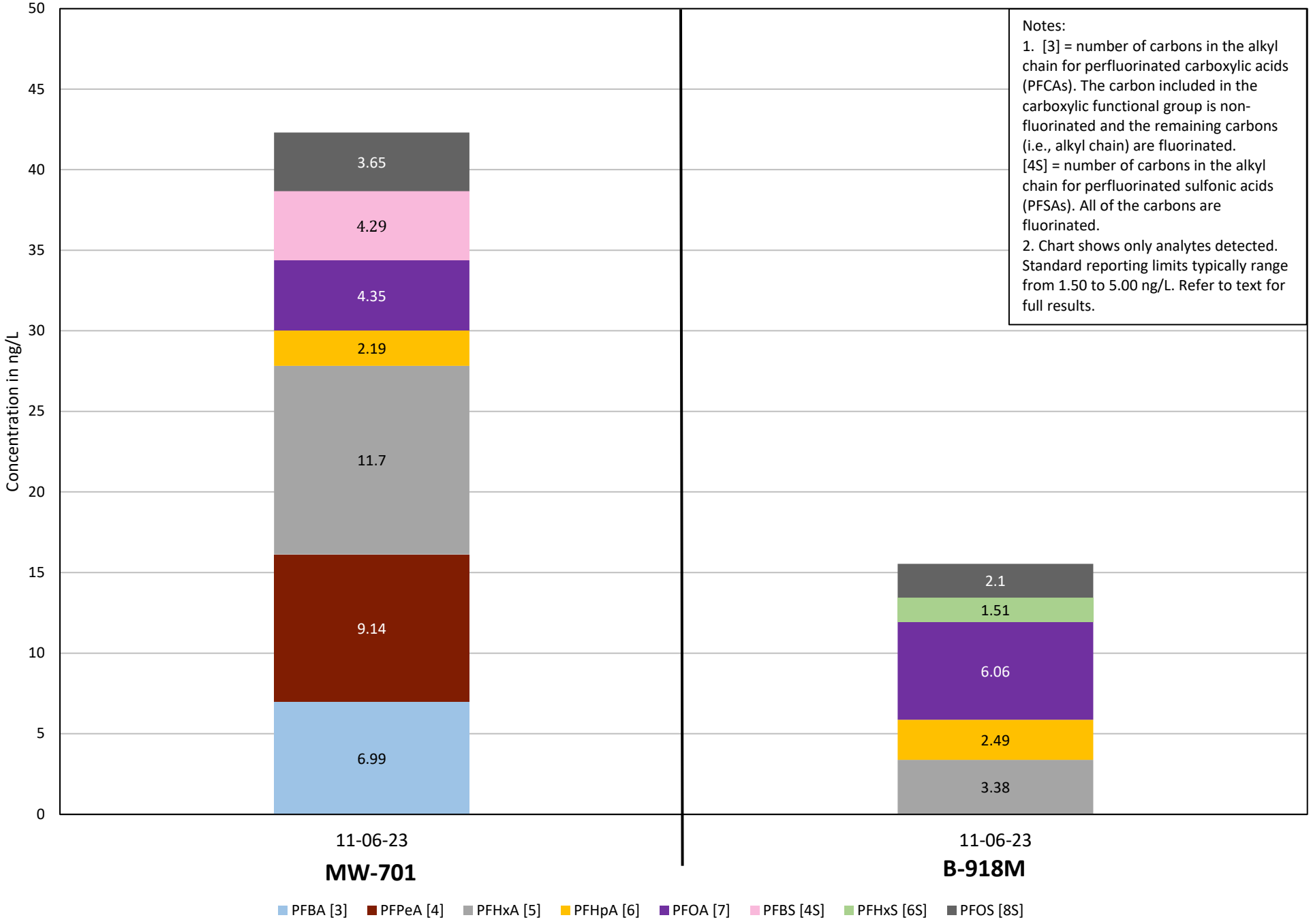
TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-008

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																										
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids							Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances		Total of Regulated PFAS	Total PFAS
			Perfluorobutanoic Acid (PFBA) [3]	Perfluoropentanoic Acid (PFPeA) [4]	Perfluorohexanoic Acid (PFHxA) [5]	Perfluoroheptanoic Acid (PFHpA) [6]	Perfluorooctanoic Acid (PFOA) [7]	Perfluorononanoic Acid (PFNA) [8]	Perfluorodecanoic Acid (PFDA) [9]	Perfluoroundecanoic Acid (PFUnA) [10]	Perfluorododecanoic Acid (PFDoA) [11]	Perfluorotridecanoic Acid (PFTrA) [12]	Perfluorotetradecanoic Acid (PFTeA) [13]	Perfluorobutanesulfonic Acid (PFBS) [4S]	Perfluoropentanesulfonic Acid (PFPeS) [5S]	Perfluorohexanesulfonic Acid (PFHxS) [6S]	Perfluoroheptanesulfonic Acid (PFHpS) [7S]	Perfluorooctanesulfonic Acid (PFOS) [8S]	Perfluorononanesulfonic Acid (PFNS) [9S]	Perfluorodecanesulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	Perfluorooctanesulfonamide (FOSA)	N-methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (EtFOSAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)		
CAS Number			375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	2706-91-4	355-46-4	375-92-8	1763-23-1	68259-12-1	335-77-3	757124-72-4	27619-97-2	39108-34-4	754-91-6	31506-32-8	2991-50-6	2355-31-9	–	–
GW-1 (AGQS)							12	11								18		15											
QC_FB	1/4/2023	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	3/20/2023	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	4/19/2023	FB	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	ND	ND
QC_FB	7/12/2023	FB	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<3.87	<1.93	<1.93	ND	ND
QC_FB	11/6/2023	FB	<6.52	<3.26	<1.63	<1.63	<2.04	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.45	<1.53	<1.49	<1.55	<1.52	<1.57	<1.57	<6.11	<6.18	<6.26	<1.63	<1.63	<1.63	<1.63	ND	ND
QC_TB	6/1/2017	TB	<4.10	<4.10	<4.10	<4.10	<4.10	<4.10						<4.10		<4.10		<4.10										ND	ND
QC_TB	11/7/2017	TB	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37						<4.37		<4.37		<4.37										ND	ND
QC_TB	4/23/2018	TB	<4	<4	<4	<4	<4	<4						<4		<4		<4										ND	ND
QC_TB	7/11/2018	TB	<4.36	<4.36	<4.36	<4.36	<4.36	<4.36						<4.36		<4.36		<4.36										ND	ND
QC_TB	8/27/2018	TB	<4.41	<4.41	<4.41	<4.41	<4.41	<4.41						<4.41		<4.41		<4.41										ND	ND
QC_TB	11/5/2018	TB	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23						<4.23		<4.23		<4.23										ND	ND

Appendix D.2

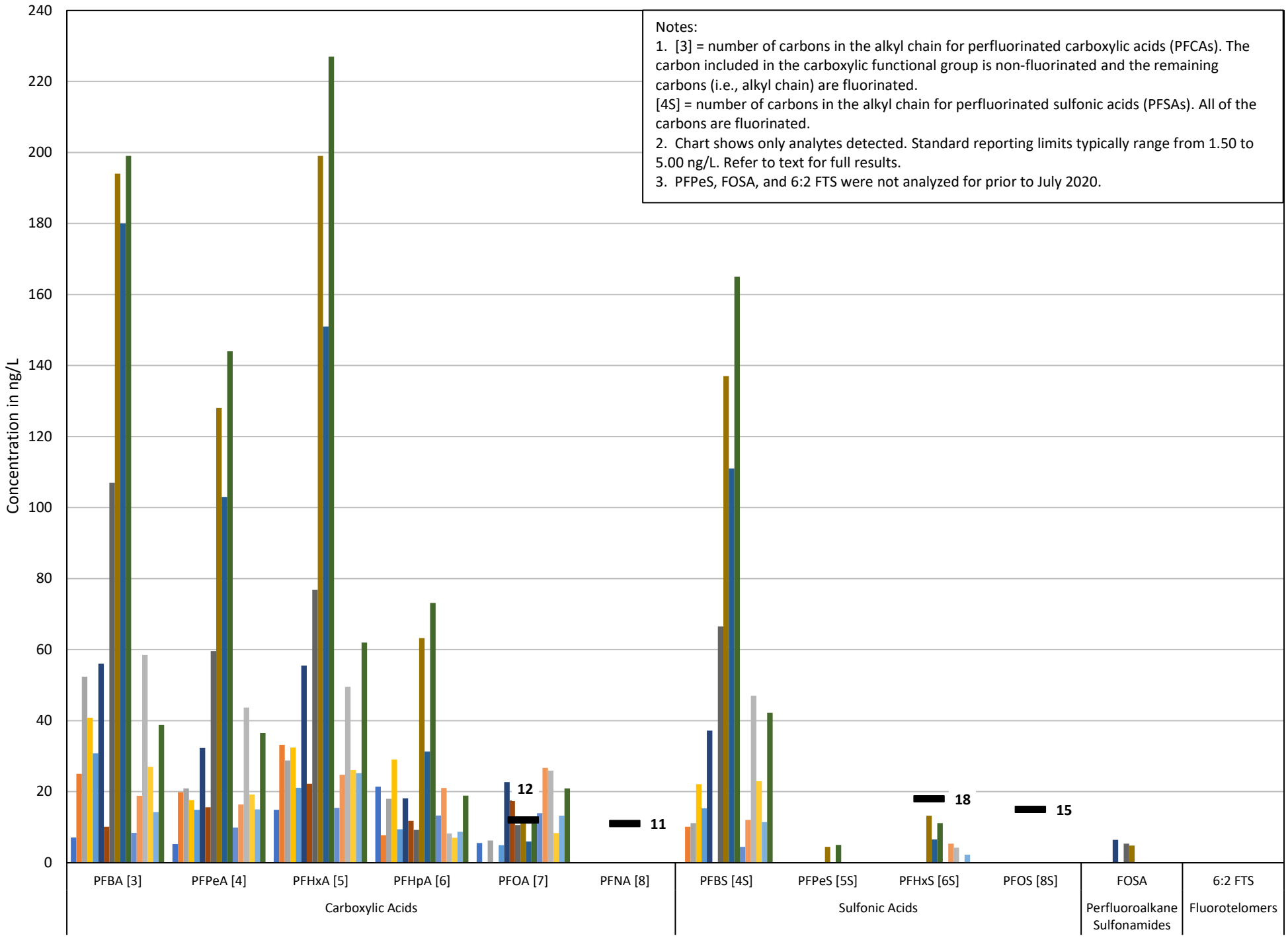
PFAS Plots

PFAS by Location - November 2023

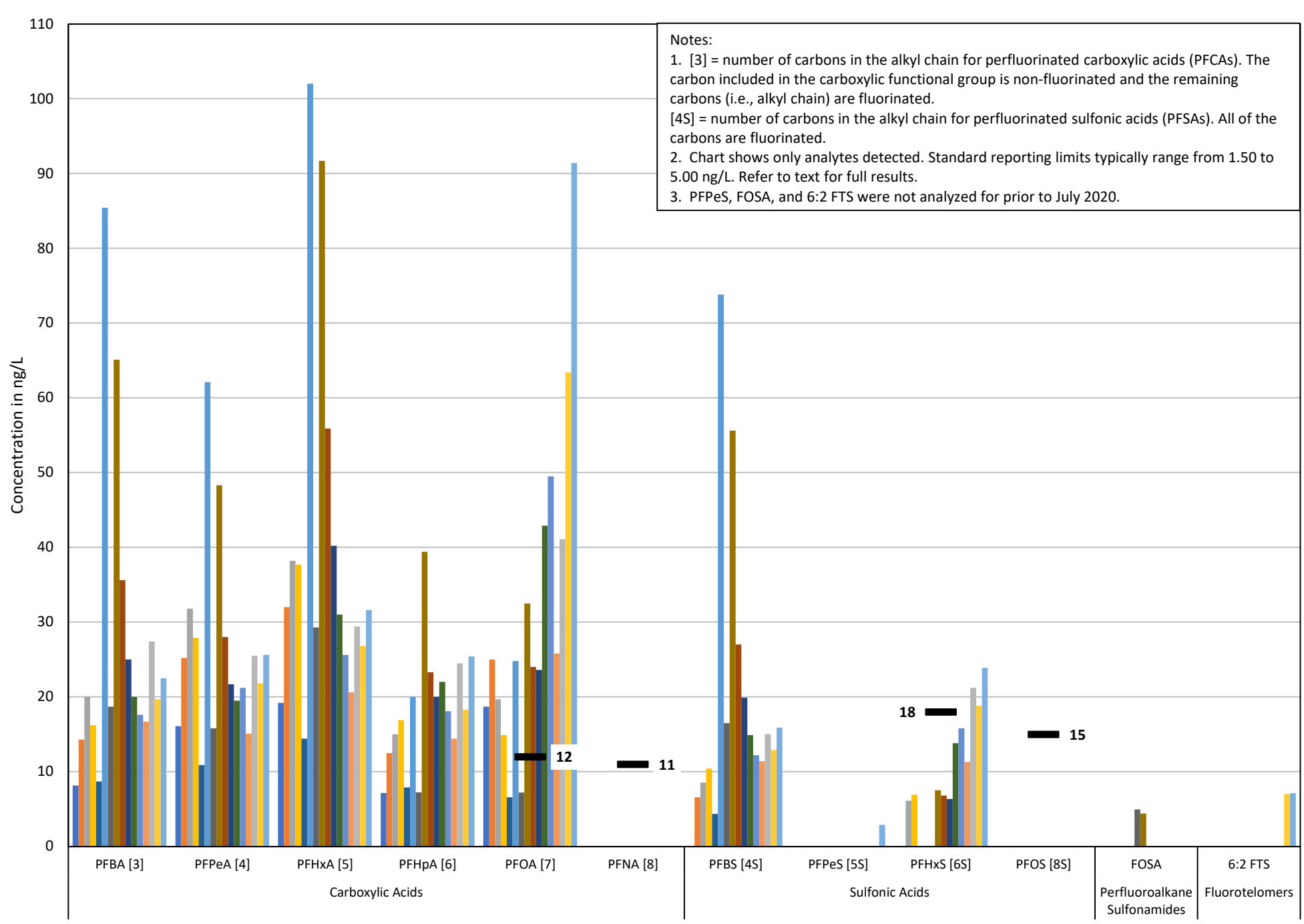


Notes:
1. [3] = number of carbons in the alkyl chain for perfluorinated carboxylic acids (PFCAs). The carbon included in the carboxylic functional group is non-fluorinated and the remaining carbons (i.e., alkyl chain) are fluorinated.
[4S] = number of carbons in the alkyl chain for perfluorinated sulfonic acids (PFSAs). All of the carbons are fluorinated.
2. Chart shows only analytes detected. Standard reporting limits typically range from 1.50 to 5.00 ng/L. Refer to text for full results.

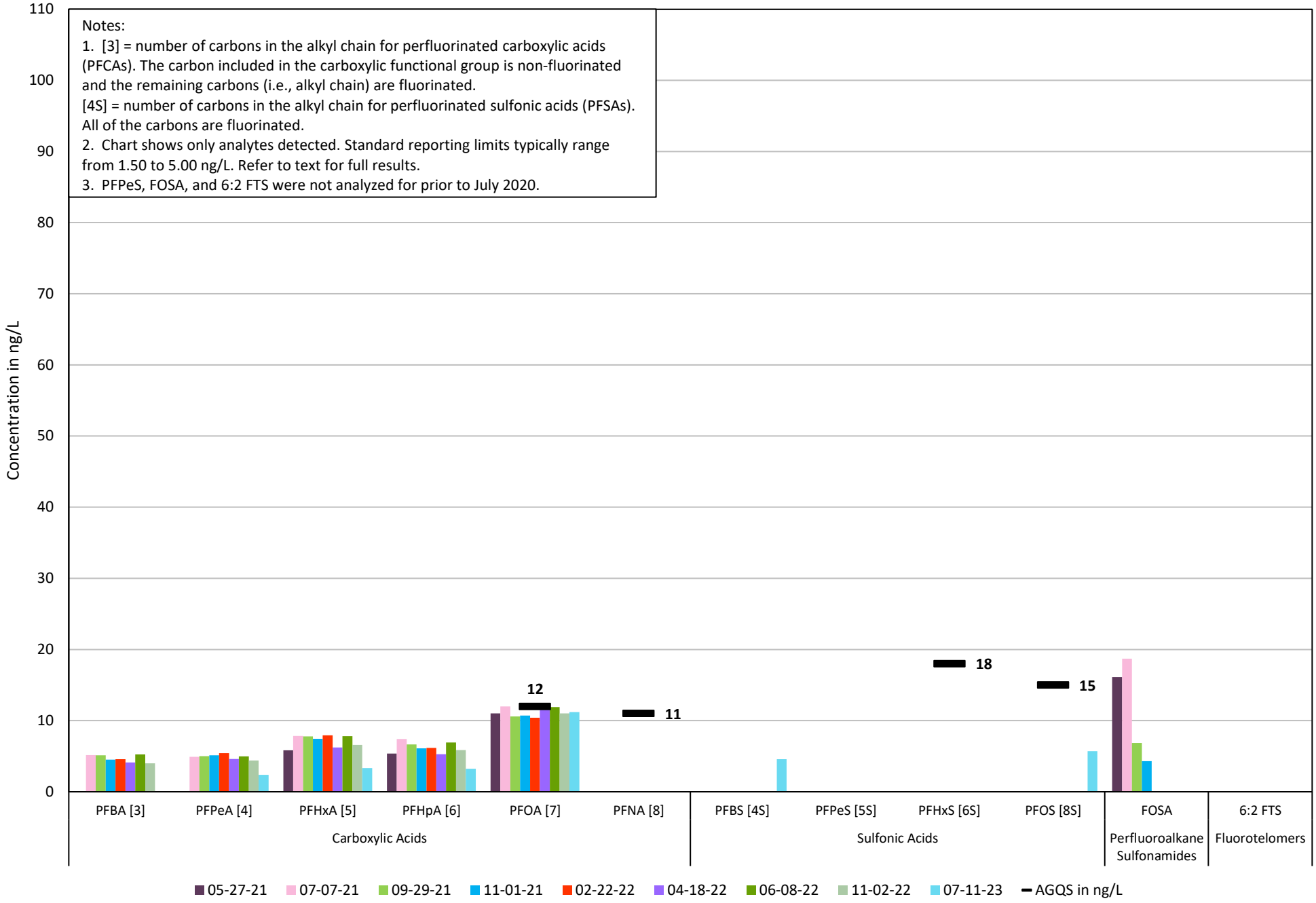
PFAS in B-304UR



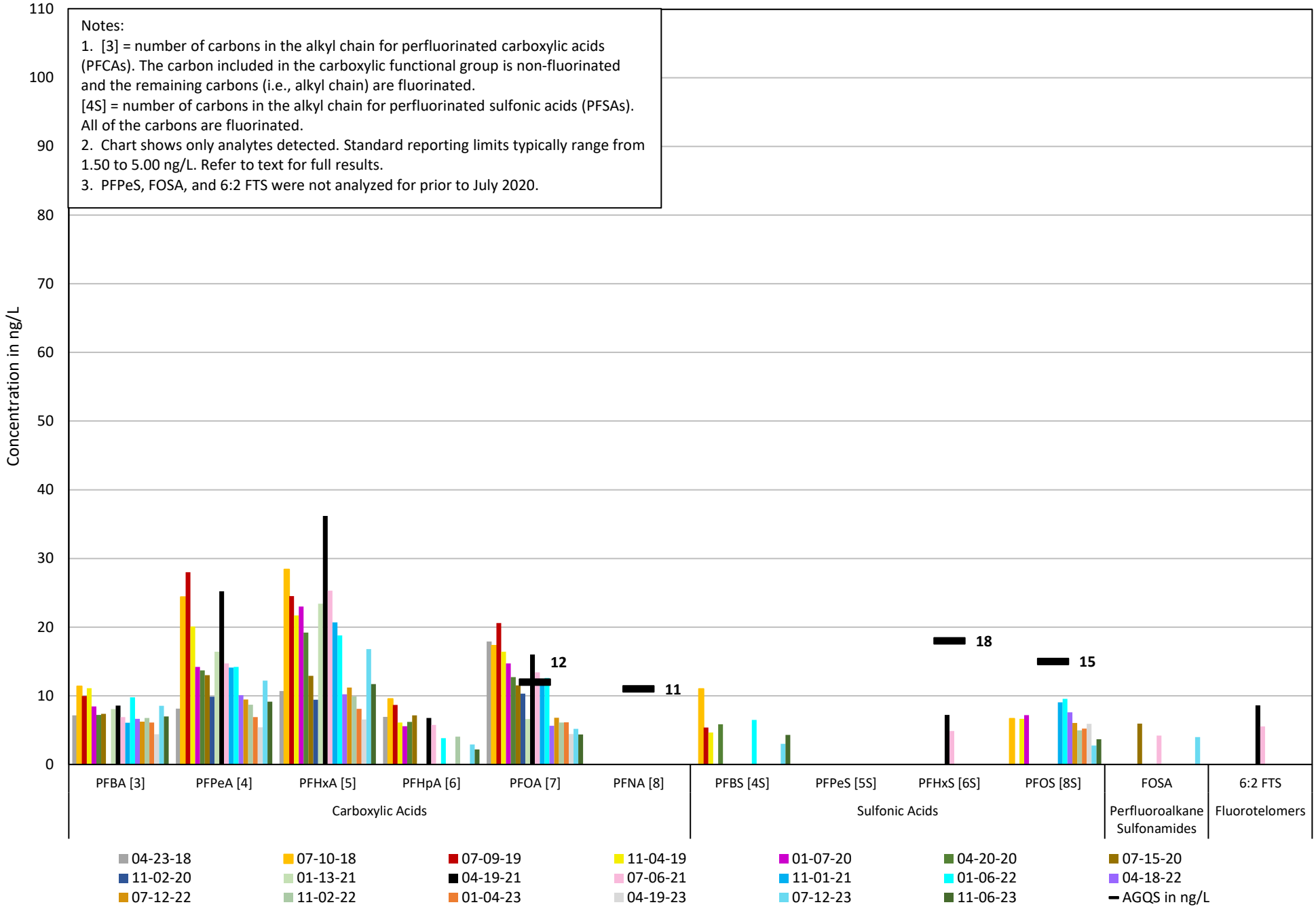
PFAS in B-304DR



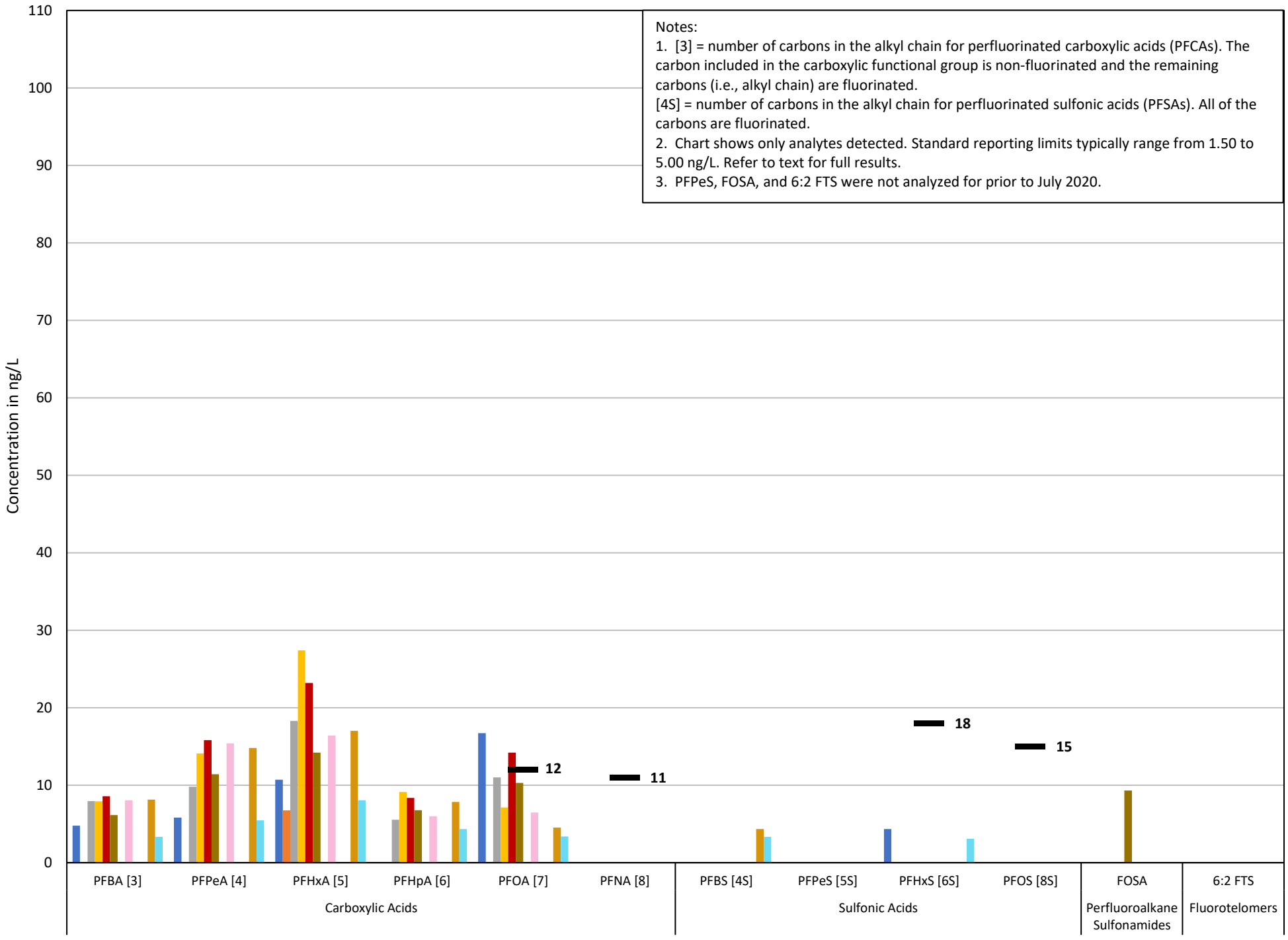
PFAS in MW-604



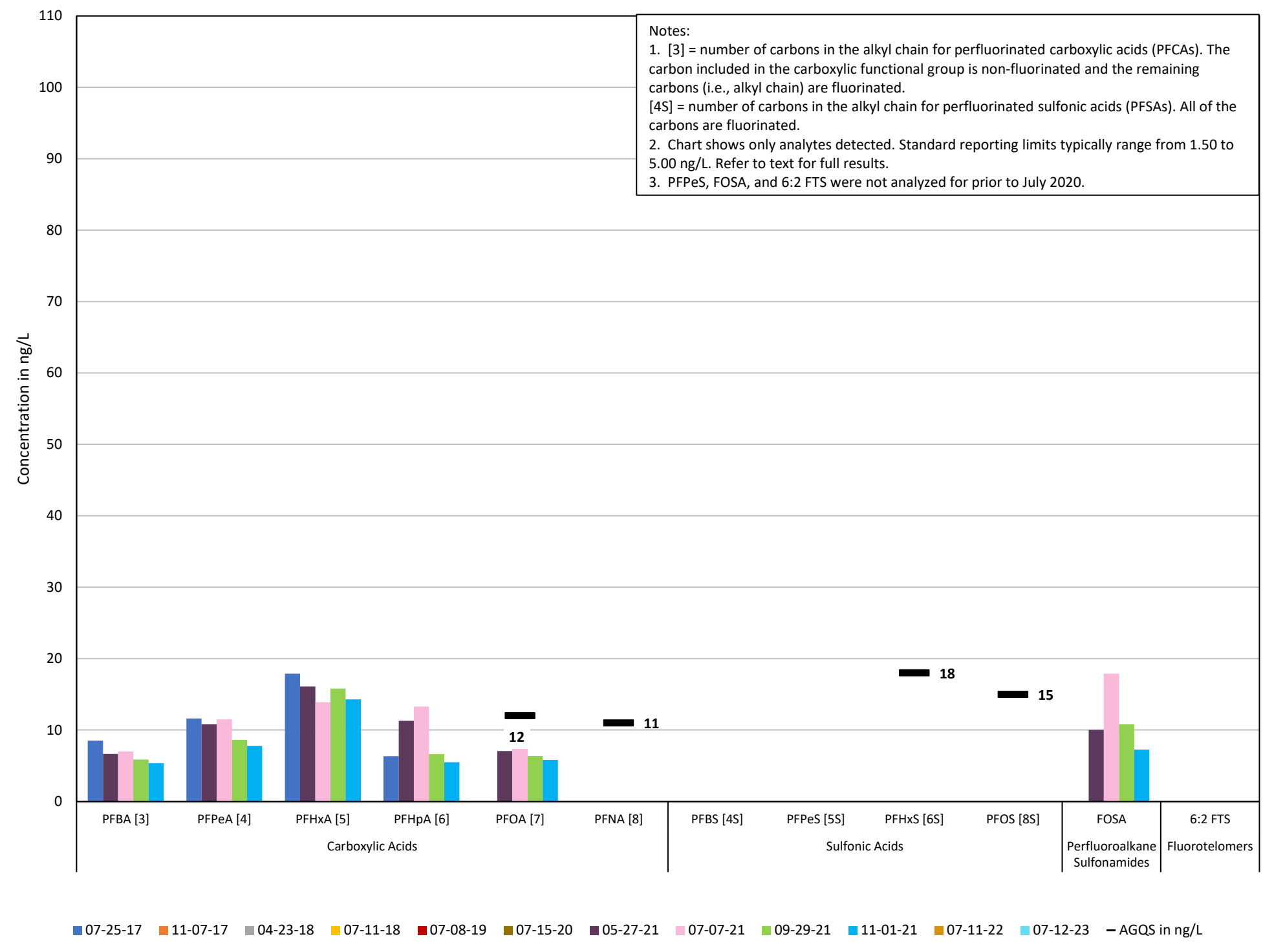
PFAS in MW-701



PFAS in MW-802

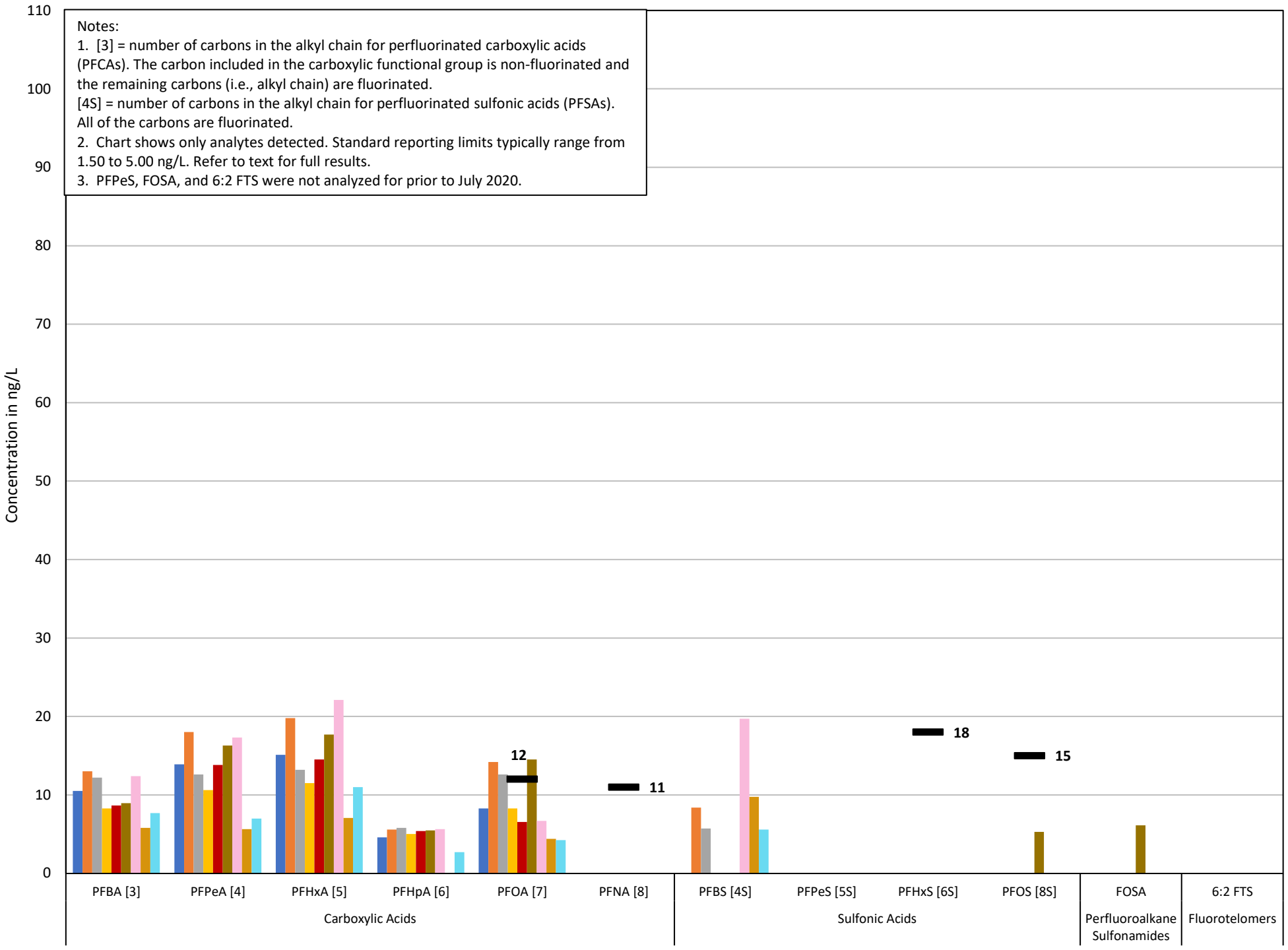


PFAS in MW-803

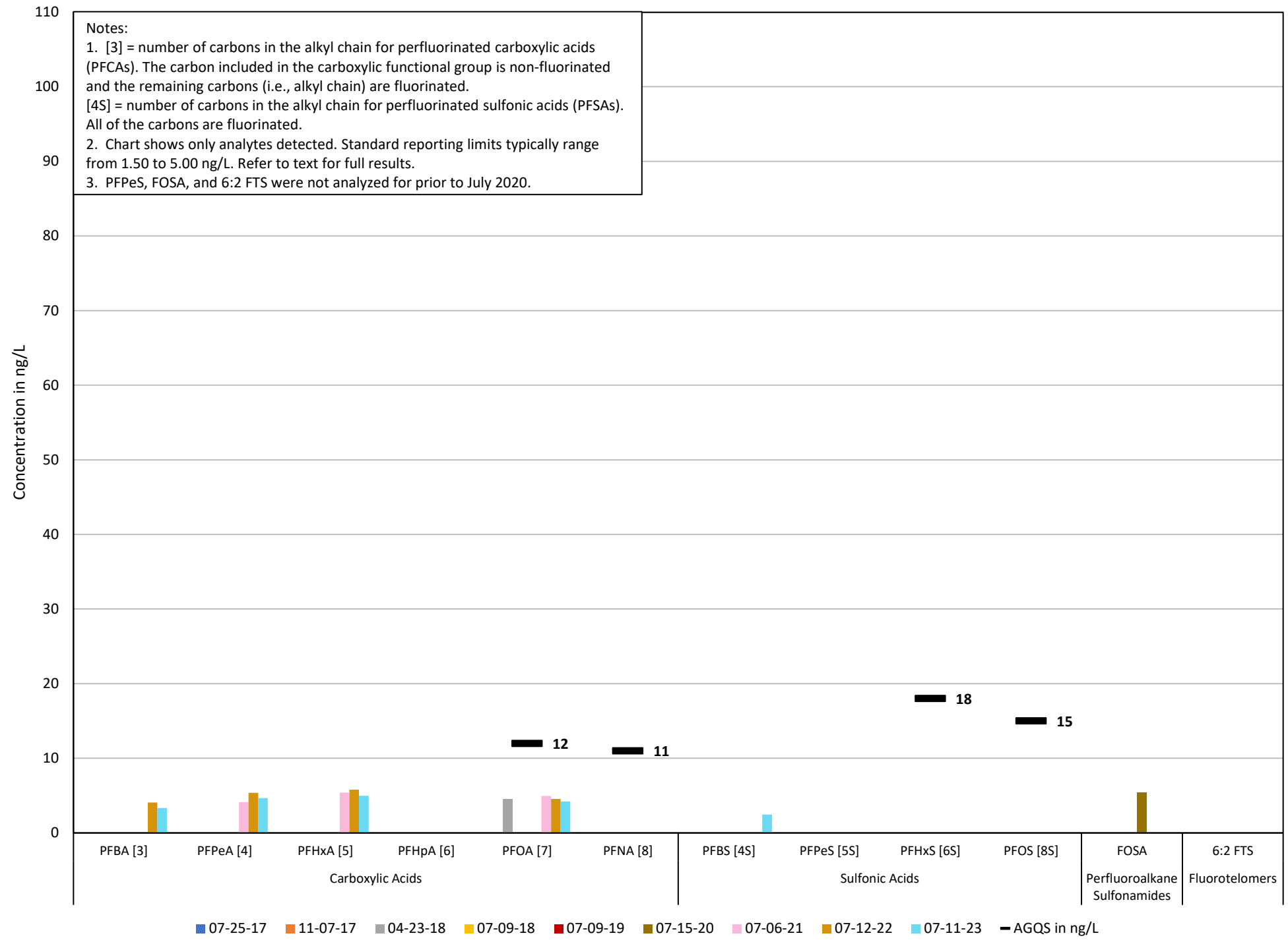


PFAS not detected in B-915D (11/17 and 4/18).

PFAS in B-915U



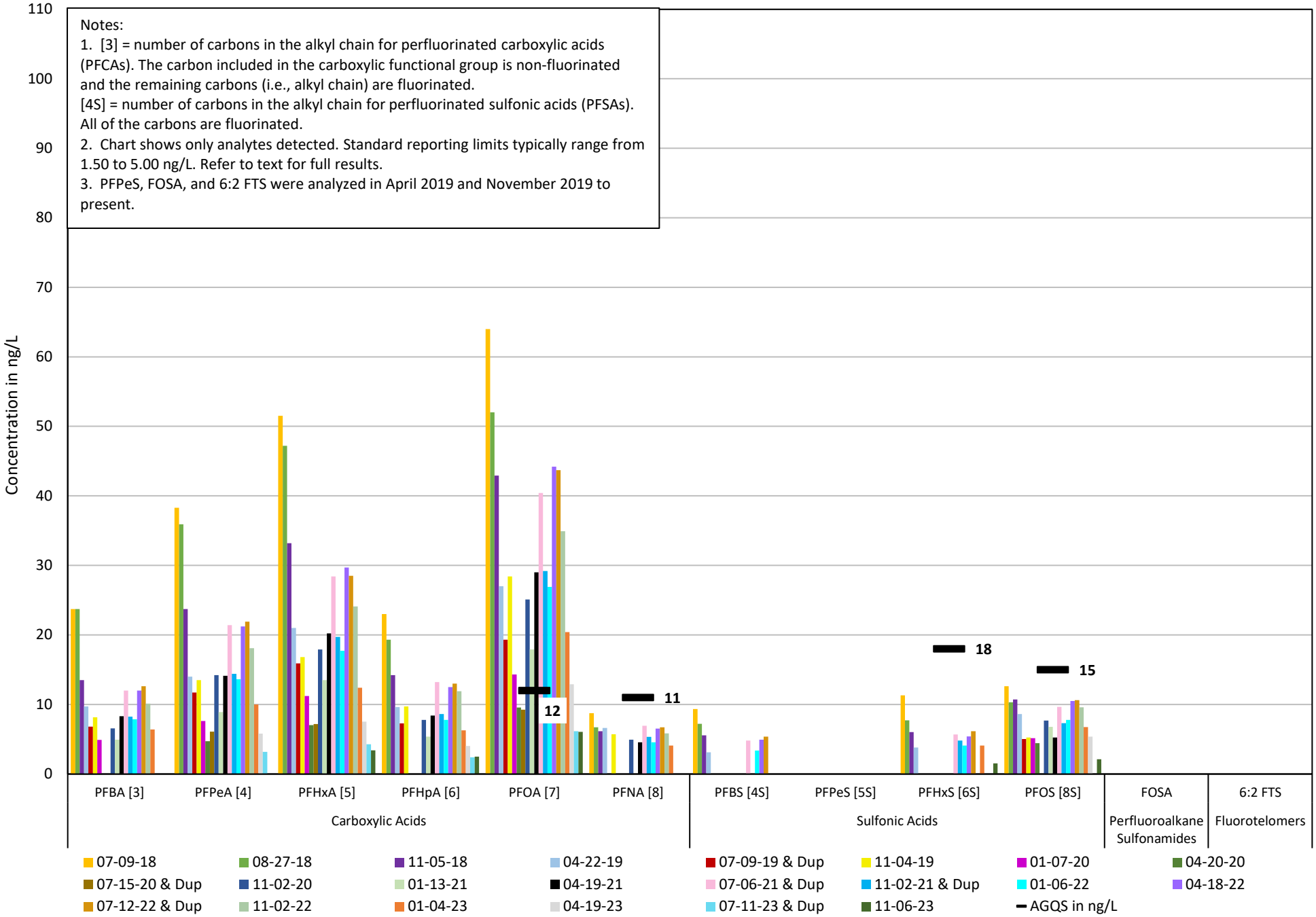
PFAS in B-915M



PFAS not detected in B-918U (7/18, 8/18, 7/19, 7/20, 7/21, 7/22, & 7/23) and B-918D (8/18, 7/19, 7/21, & 7/23).

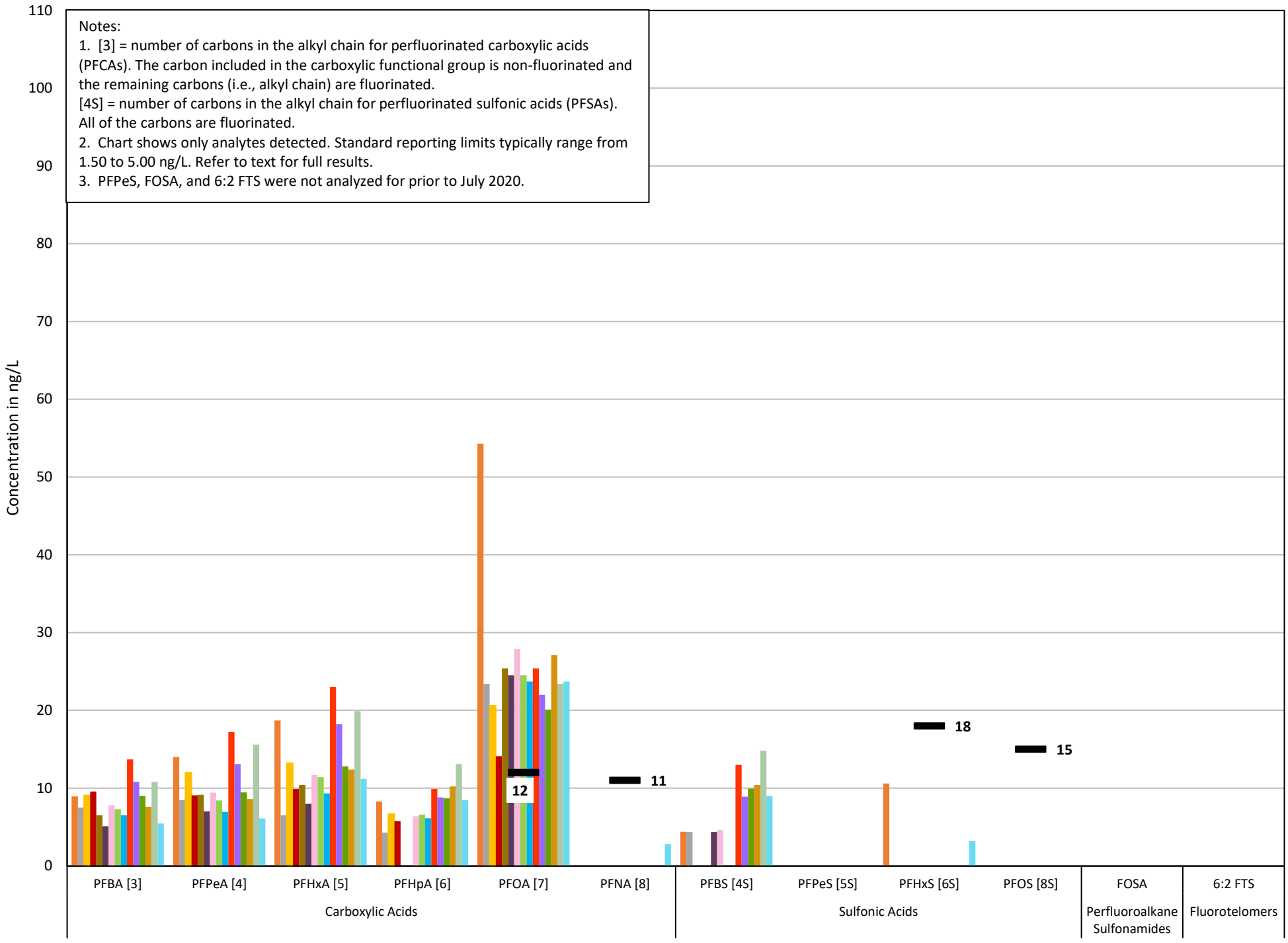
PFAS in B-918M

Notes:
1. [3] = number of carbons in the alkyl chain for perfluorinated carboxylic acids (PFCAs). The carbon included in the carboxylic functional group is non-fluorinated and the remaining carbons (i.e., alkyl chain) are fluorinated.
[4S] = number of carbons in the alkyl chain for perfluorinated sulfonic acids (PFSAs). All of the carbons are fluorinated.
2. Chart shows only analytes detected. Standard reporting limits typically range from 1.50 to 5.00 ng/L. Refer to text for full results.
3. PFPeS, FOSA, and 6:2 FTS were analyzed in April 2019 and November 2019 to present.

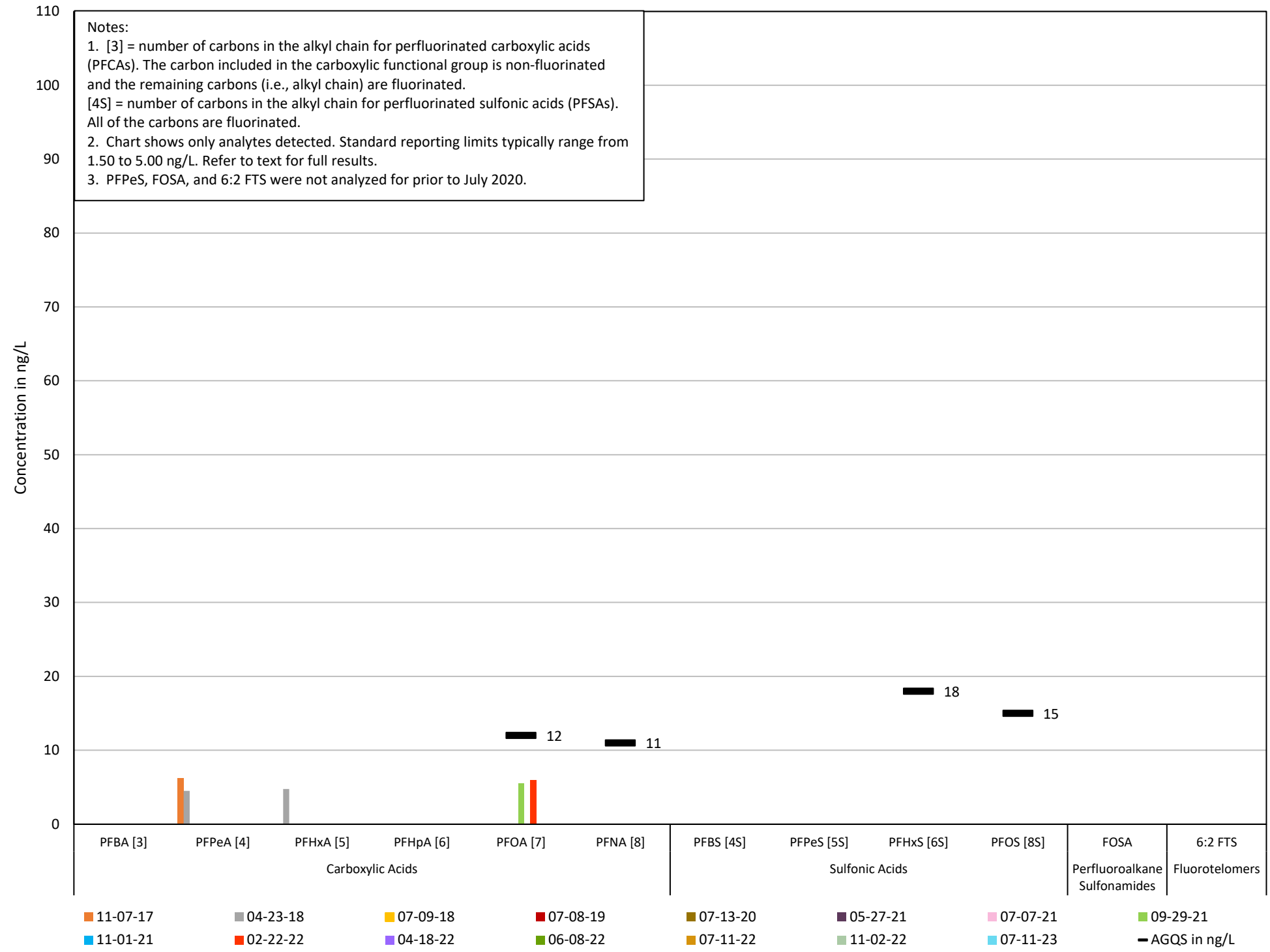


PFAS not detected in B-919D (11/17, 4/18, 7/19, 5/21, 7/21, 9/21, 11/21, 2/22, 4/22, 6/22, 11/22, & 7/23).

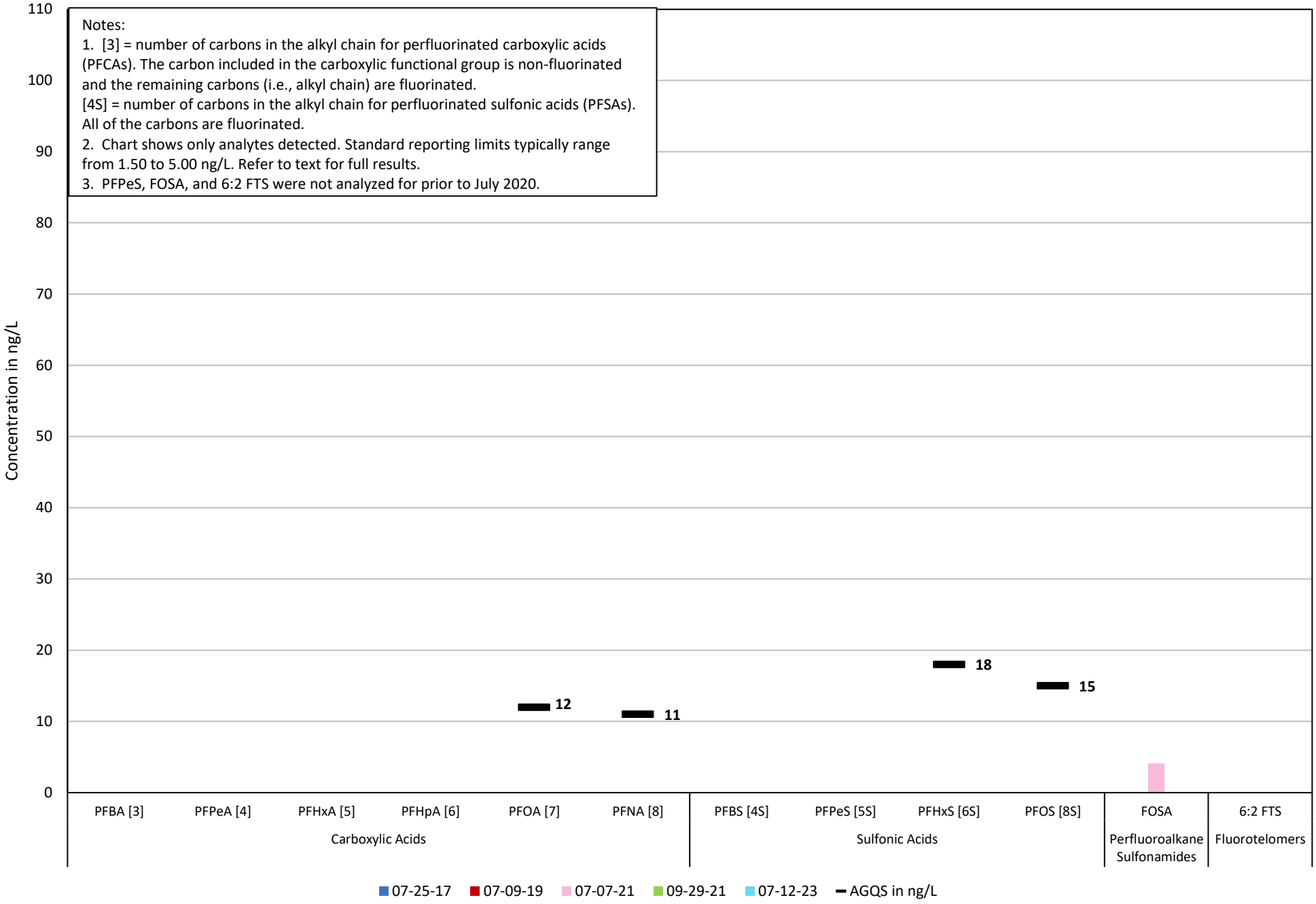
PFAS in B-919U



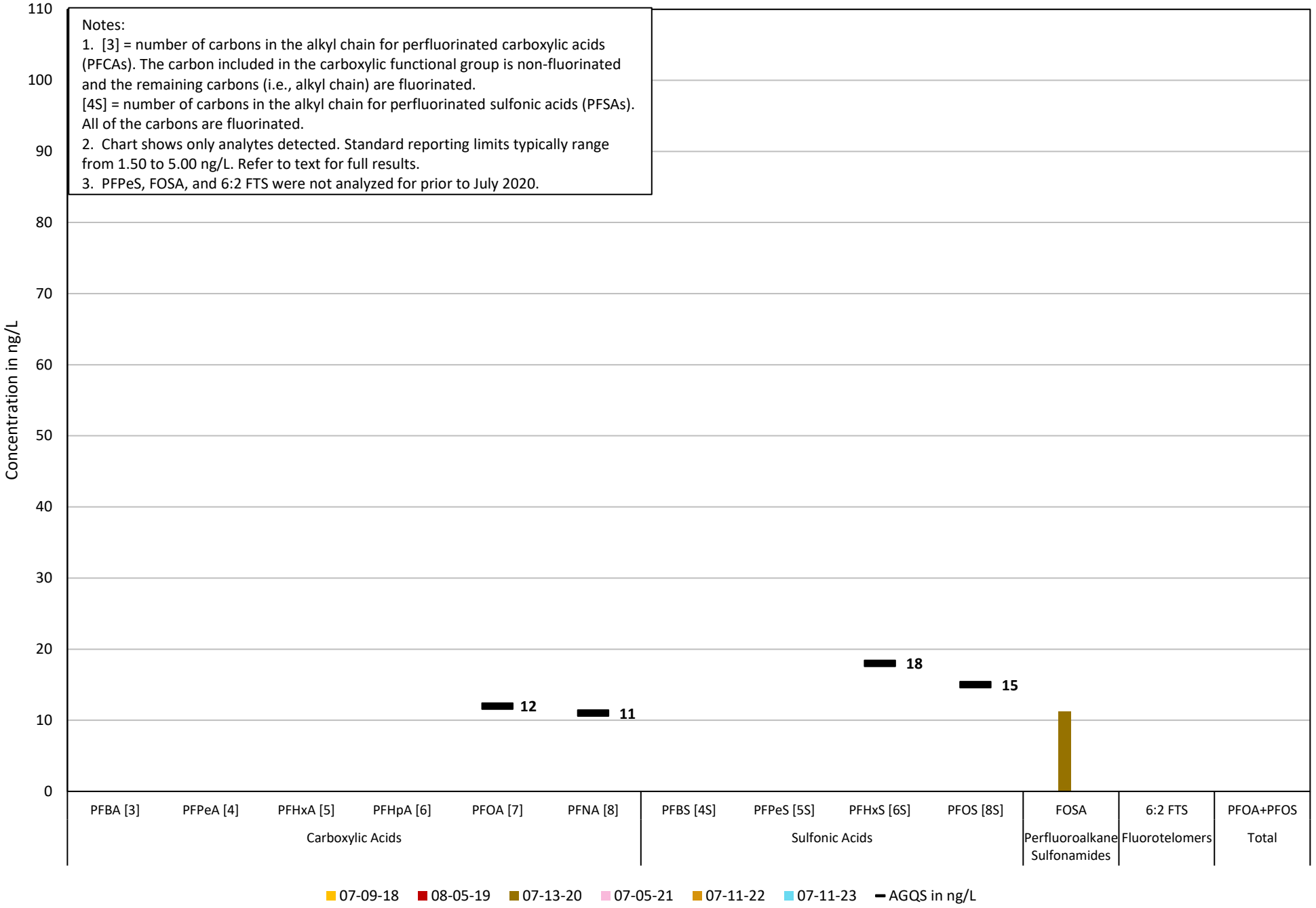
PFAS in B-919M



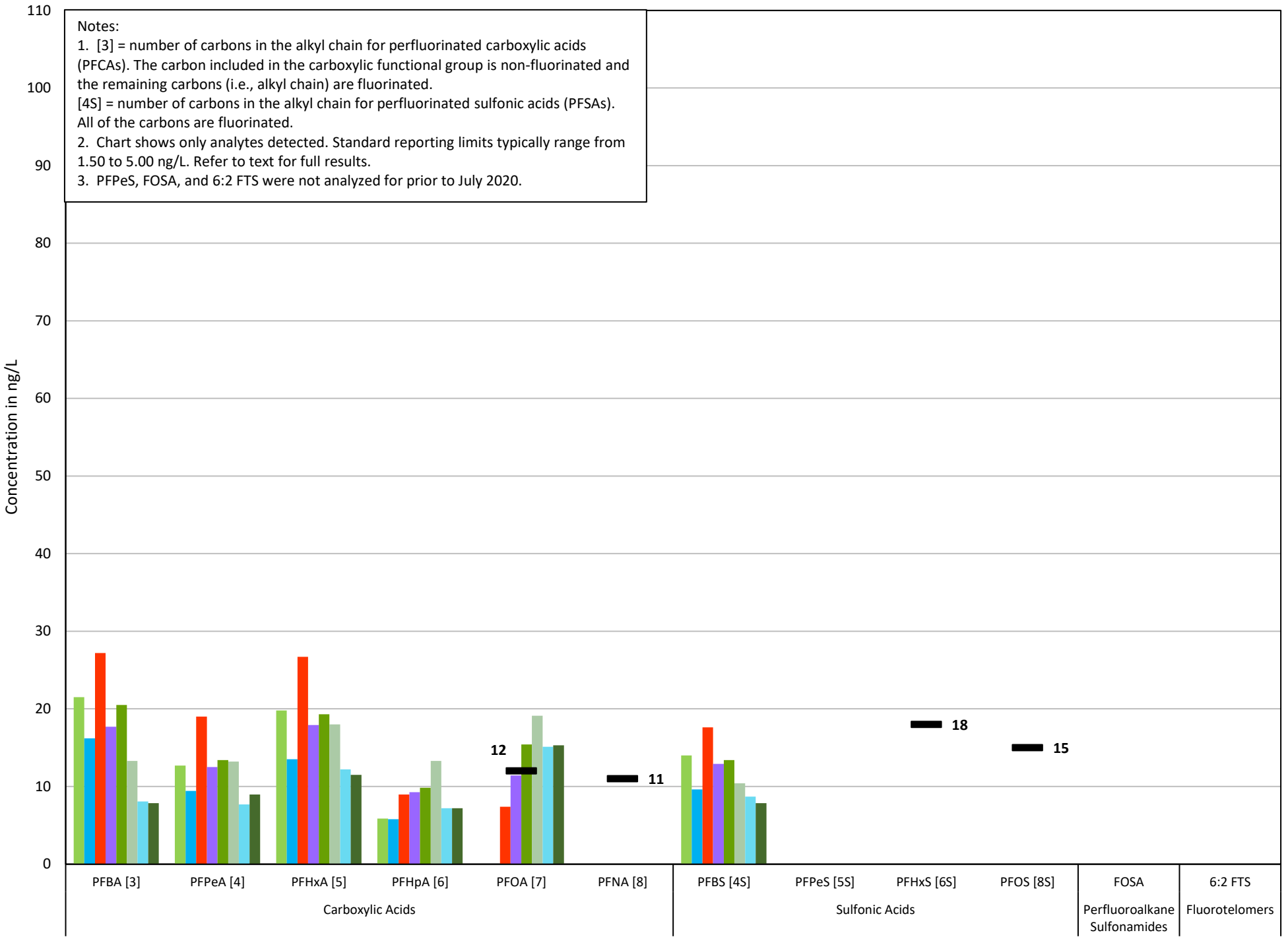
PFAS in B-924U



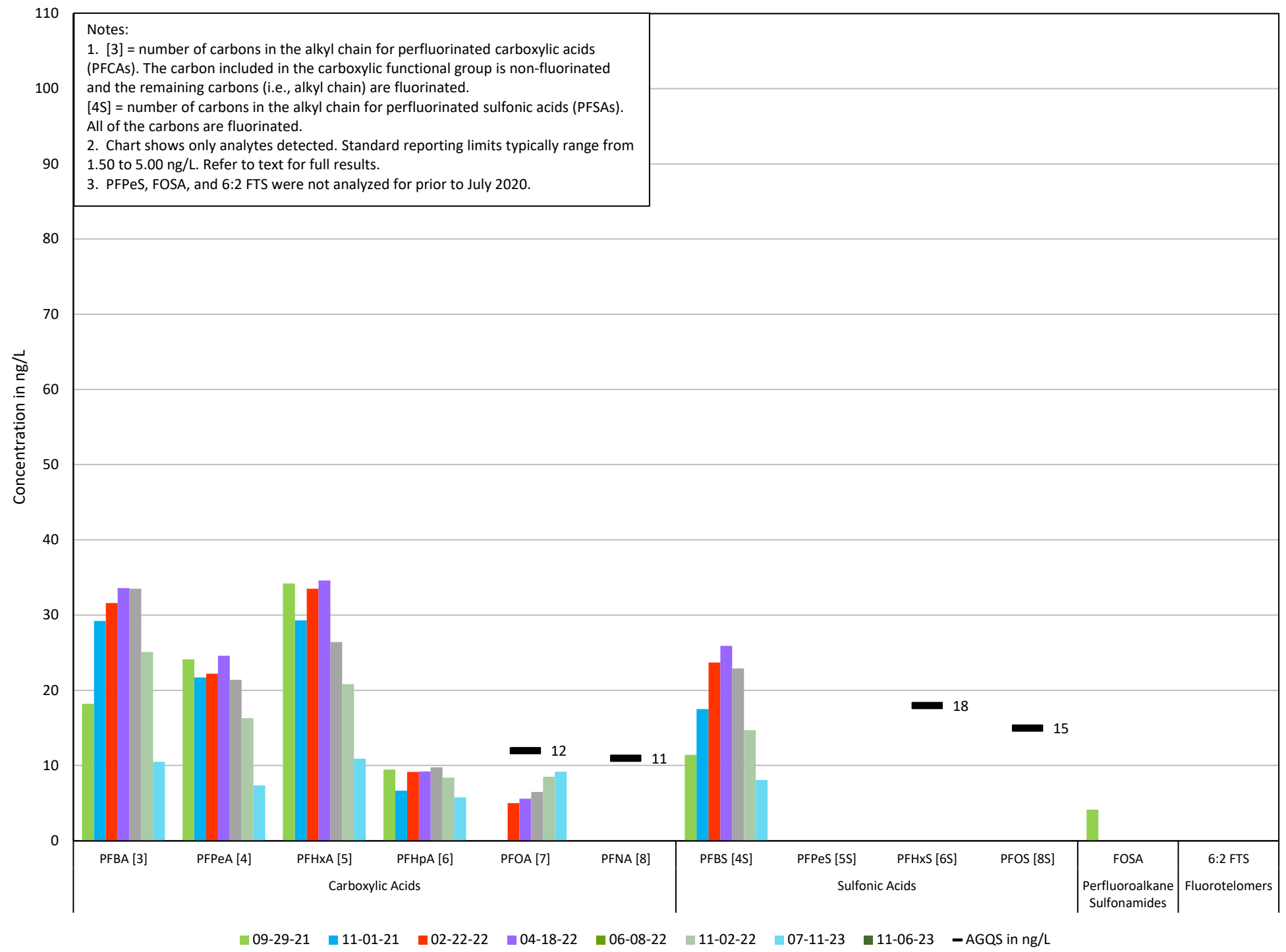
PFAS in B-927M



PFAS in B-928U



PFAS in B-928D



Appendix E

Sanborn Head Field Sampling Summary Forms

Groundwater Quality Field Sampling Summary

SANBORN HEAD	Project Number:	2637.10	Date(s): November 6-8, 2023
	Project Name:	North Country Environmental Services, Inc.	Project Manager: T. White, M. Estabrooks
	Project Location:	Bethlehem, New Hampshire	Collector(s): P. Pryor, G. Bush, G. Panik
pH, Conductivity, Temperature Meter(s): Oakton PC450			Weather: 11/6: Mostly cloudy, 30-40s °F, 11/7: Mostly cloudy, 40s °F, 11/8: Snow to cloudy, 20s °F
Water Level Meter(s): Heron Dipper T		Turbidity: Hach 2100Q	

Field Measurements

Sampling Location	Sample Date	Sample Time	Ref. Point	Well Dia.	Ref. Point Elev. (ft)	Depth to Water (ft)	Water Table Elev. (ft)	Depth to Bottom Installed (ft bgs)	Depth to Bottom Plunked July 2023 (ft Ref Pt)	Surface Completion Type: Standpipe (SP) Vault (V)	Approx. PVC Height (ft)		pH (S.U.)	Specific Conductance (µS/cm)	Temp. (°C)	Turbidity (NTU)	Well Secured?		Approx. Gallons Purged	Target 3x Well Volume?	Purge/Sample Device	Comment No.
											July 2017 Height	AG or BG?					On Arrival	After Sampling				
B-103S	11/08/23	7:55	TPVC	1.5"	1357.64	53.39	1304.25	61	61.28	SP	1.99	AG	7.71	155	10.1	–	Y	Y	2.75	Y	Ded. Waterra	2
B-103D	11/08/23	8:05	TPVC	1.5"	1358.61	54.74	1303.87	66.5	68.36	SP	1.88	AG	7.22	96	10.5	–	Y	Y	3.75	Y	Ded. Waterra	2
B-304UR	11/06/23	10:45	TPVC	2"	1338.44	47.92	1290.52	50	52.91	SP	2.15	AG	6.79	346	10.6	98.7	Y	Y	2.5	Y	Ded. Bailer	1,9
B-304DR	11/06/23	10:55	TPVC	2"	1338.24	47.52	1290.72	75	75.50	SP	2.20	AG	6.44	302	13.7	>1,000	Y	Y	14.25	Y	Mega-Monsoon XL Pump	3,5,9,11
MW-604	11/06/23	12:43	TPVC	2"	1319.83	40.39	1279.44	75	75.20	SP	2.65	AG	6.92	236	12.3	>1,000	Y	Y	5.25	N	Ded. Waterra	2,7,9
MW-701	11/06/23	15:10	TPVC	2"	1331.63	13.96	1317.67	23	25.09	SP	2.05	AG	6.46	202	9.5	33.1	Y	Y	5.5	Y	Ded. Bailer	1,9
MW-802	11/07/23	10:19	TPVC	2"	1350.55	46.69	1303.86	52	51.99	SP	3.05	AG	6.30	347	16.5	–	Y	Y	4.25	Y	Ded. Bailer	1
MW-803	11/07/23	10:25	TPVC	2"	1346.38	42.32	1304.06	53	55.45	SP	0.75	AG	6.38	472	17.2	–	Y	Y	6.5	Y	Ded. Bailer	1,6
B-915U	11/06/23	14:10	TPVC	2"	1338.20	23.57	1314.63	35.75	35.86	SP	1.95	AG	6.70	131	9.2	–	Y	Y	4	N	Ded. Bailer	1,7
B-915M	11/06/23	14:10	TPVC	2"	1338.09	31.69	1306.40	78.72	78.88	SP	3.25	AG	6.31	319	7.9	–	Y	Y	24.25	Y	Ded. Waterra	2
B-915D	11/06/23	13:56	TPVC	2"	1338.16	31.33	1306.83	108.18	108.38	SP	1.55	AG	–	–	–	–	Y	Y	–	–	–	4
B-916U	11/08/23	8:43	TPVC	2"	1323.76	12.93	1310.83	26.14	26.22	SP	2.42	AG	6.34	65	7.4	–	Y	Y	7.5	Y	Ded. Bailer	1
B-916M	11/08/23	8:45	TPVC	2"	1323.91	42.52	1281.39	89.5	92.40	SP	2.68	AG	6.20	277	7.5	–	Y	Y	24	Y	Ded. Waterra	2
B-916D	11/08/23	8:27	TPVC	2"	1323.99	52.41	1271.58	126.6	125.65	SP	2.61	AG	–	–	–	–	Y	Y	–	–	–	4
B-917U	11/08/23	9:30	TPVC	2"	1325.14	30.81	1294.33	38.64	37.56	SP	2.55	AG	7.12	46	6.3	–	Y	Y	3.0	N	Ded. Bailer	1,7,11
B-909	11/08/23	9:43	TPVC	2"	1325.50	32.47	1293.03	57.55	58.10	SP	2.57	AG	6.90	86	7.5	–	Y	Y	13.5	Y	Ded. Waterra	2
B-917D	11/08/23	9:06	TPVC	2"	1325.36	30.81	1294.55	102.86	102.13	SP	2.31	AG	–	–	–	–	Y	Y	–	–	–	4
B-918U	11/06/23	13:35	TPVC	2"	1330.59	26.52	1304.07	30.55	31.50	SP	3.00	AG	6.06	260	9.4	–	Y	Y	3.5	Y	Ded. Bailer	1
B-918M	11/06/23	13:35	TPVC	2"	1330.23	26.03	1304.20	47.8	47.89	SP	1.78	AG	6.72	167	9.7	67.3	Y	Y	11.5	Y	Ded. Waterra	2,9
B-918D	11/06/23	13:20	TPVC	2"	1330.57	34.08	1296.49	126.51	127.30	SP	2.60	AG	–	–	–	–	Y	Y	–	–	–	4
B-919U	11/06/23	8:35	TPVC	2"	1344.27	39.96	1304.31	50	43.42	SP	2.15	AG	6.22	103	9.9	–	Y	Y	0.75	N	Ded. Bailer	1,7
B-919M	11/06/23	13:00	TPVC	2"	1344.06	51.03	1293.03	100	101.29	SP	2.25	AG	6.80	139	15.1	–	Y	Y	10.5	N	Ded. Bailer	1,7
B-919D	11/06/23	8:27	TPVC	2"	1344.13	51.08	1293.05	150	151.27	SP	1.2	AG	–	–	–	–	Y	Y	–	–	–	4
B-923U	11/06/23	15:36	TPVC	2"	1357.38	38.18	1319.20	43.3	46.15	SP	2.7	AG	–	–	–	–	Y	Y	–	–	–	4
B-924U	11/07/23	8:41	TPVC	2"	1362.00	29.96	1332.04	34.3	37.24	SP	3.0	AG	6.46	91	7.8	–	Y	Y	1.75	N	Ded. Bailer	1,7
B-924L	11/06/23	15:42	TPVC	2"	1361.25	43.31	1317.94	90.8	93.74	SP	2.6	AG	–	–	–	–	Y	Y	–	–	–	4
B-925U	11/06/23	15:51	TPVC	2"	1365.00	27.80	1337.20	32	37.16	SP	3[†]	AG	–	–	–	–	Y	Y	–	–	–	4
B-925L	11/06/23	15:53	TPVC	2"	1365.05	46.16	1318.89	81.3	86.88	SP	3[†]	AG	–	–	–	–	Y	Y	–	–	–	4
B-926U	11/06/23	14:40	TPVC	2"	1332.47	25.04	1307.43	29	31.54	SP	2.4	AG	6.15	250	8.7	–	Y	Y	1.5	N	Ded. Bailer	1,7
B-926L	11/06/23	14:45	TPVC	2"	1332.68	30.62	1302.06	64	66.07	SP	2.5	AG	6.30	236	7.9	–	Y	Y	17.25	Y	Ded. Waterra	2
B-927U	11/06/23	9:15	TPVC	2"	1345.58	44.71	1300.87	49.2	52.35	SP	2.7	AG	6.16	406	10.9	–	Y	Y	2	N	Ded. Bailer	1,7
B-927M	11/06/23	10:00	TPVC	2"	1345.59	47.49	1298.10	86.3	85.50	SP	2.6	AG	6.93	135	16.6	–	Y	Y	20	Y	Mega-Monsoon XL Pump	3
B-927L	11/06/23	8:59	TPVC	2"	1345.61	54.03	1291.58	133.1	134.97	SP	2.6	AG	–	–	–	–	Y	Y	–	–	–	4
B-928U	11/06/23	12:25	TPVC	2"	1333.75	45.15	1288.60	51.3	53.99	SP	–	AG	6.43	157	9.5	42.7	Y	Y	4.5	Y	Ded. Bailer	1,9
B-928D	11/06/23	12:00	TPVC	2"	1334.12	49.63	1284.49	71.1	73.19	SP	–	AG	6.58	206	9.6	>1,000	Y	Y	11.5	Y	Ded. Waterra	2,9,11
B-929U	11/07/23	8:28	TPVC	2"	1376.06	40.39	1335.67	55.2	57.65	SP	2.7[¥]	AG	6.21	84	7.4	–	Y	Y	8.5	Y	Ded. Bailer	1,11
B-929L	11/07/23	8:01	TPVC	2"	1375.99	45.85	1330.14	95.1	97.77	SP	2.7[¥]	AG	–	–	–	–	Y	Y	–	–	–	4,11
B-930U	11/07/23	9:20	TPVC	2"	1376.69	40.17	1336.52	50.1	52.34	SP	2.7[¥]	AG	7.14	99	8.4	–	Y	Y	6.25	Y	Ded. Bailer	1,11
B-930L	11/07/23	8:57	TPVC	2"	1376.93	67.37	1309.56	114	116.39	SP	2.7[¥]	AG	–	–	–	–	Y	Y	–	–	–	4,11
B-931U	11/07/23	9:45	TPVC	2"	1331.86	25.63	1306.23	34.2	36.78	SP	2.7[¥]	AG	6.95	84	9.2	–	Y	Y	5.5	Y	Ded. Bailer	1
B-931L	11/07/23	9:34	TPVC	2"	1332.07	25.70	1306.37	65.9	66.07	SP	2.7[¥]	AG	–	–	–	–	Y	Y	–	–	–	4
QC_FB	11/06/23	15:15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8,9

Comments

AG = Above ground
BG = Below ground

1. The monitoring well was purged using a dedicated polyethylene bailer prior to collecting the groundwater sample (using the bailer).
2. The monitoring well was purged using a dedicated Waterra® inertial pump and polyethylene tubing prior to collecting the groundwater sample (directly from the pump discharge line).
3. The monitoring well was purged using a ProActive Mega-Monsoon XL pump with new HDPE tubing.
4. Water level measurement only. The well was not scheduled to be sampled during this monitoring round.
5. Field duplicate (labeled "Dup-1") obtained from well B-304DR.
6. Field duplicate (labeled "Dup-2") obtained from well MW-803.
7. Monitoring well purged near dry. Sample collected upon sufficient recharge.
8. Field blank was collected by pouring laboratory-provided PFAS-free water into a laboratory-provided sampling container. The field blank was collected in the vicinity of monitoring well MW-701.
9. Sampled for PFAS. Only PFAS samples were screened for turbidity to support laboratory analysis.
10. "†" indicates PVC riser was extended July 2021.
    "¥" indicates height measured March 2023.
11. Silt at bottom of well.

Surface Water Quality Field Sampling Summary

SANBORN HEAD	Project Number:	2637.10	Date(s): November 6, 2023
	Project Name:	North Country Environmental Services, Inc.	
	Project Location:	Bethlehem, New Hampshire	
pH, Conductivity, Temperature Meter(s): Oakton PC450			Project Manager: T. White, M. Estabrooks
Turbidity Meter: Hach 2100Q			Collector(s): P. Pryor, G. Bush
			Weather: Cloudy, 30-40°s F

Field Measurements

Sampling Location	Sample Date	Sample Time	pH (S.U.)	Specific Conductance (µS/cm)	Temp. (°C)	Turbidity (NTU)	Purge/Sample Device	Comment No.
SF-1	11/6/2023	11:53	7.47	120	7.7	211	Laboratory Container	1
Seep S-1	11/6/2023	12:05	6.99	93	9.1	21.0	Laboratory Container	1

Comments

1. Surface water samples were collected as grab samples from the above sampling locations.

Appendix F

Analytical Laboratory Reports

Eastern Analytical, Inc.
professional laboratory and drilling services

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford , NH 03110

Laboratory Report for:

Eastern Analytical, Inc. ID: 269501
Client Identification: NCES | Groundwater | 2637.10
Date Received: 11/7/2023

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Certifications:
Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at www.easternanalytical.com for a copy of our certificates and accredited parameters.

References:
- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director — 11.14.23 Date

SAMPLE CONDITIONS PAGE

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Temperature upon receipt (°C): 1.6 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled		Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
269501.01	B-304UR_20231106	11/7/23	11/6/23	10:45	aqueous		Adheres to Sample Acceptance Policy
269501.02	B-304DR_20231106	11/7/23	11/6/23	10:55	aqueous		Adheres to Sample Acceptance Policy
269501.03	DUP-1_20231106	11/7/23	11/6/23	10:55	aqueous		Adheres to Sample Acceptance Policy
269501.04	MW-701_20231106	11/7/23	11/6/23	15:10	aqueous		Adheres to Sample Acceptance Policy
269501.05	B-915U_20231106	11/7/23	11/6/23	14:10	aqueous		Adheres to Sample Acceptance Policy
269501.06	B-915M_20231106	11/7/23	11/6/23	14:10	aqueous		Adheres to Sample Acceptance Policy
269501.07	B-918U_20231106	11/7/23	11/6/23	13:35	aqueous		Adheres to Sample Acceptance Policy
269501.08	B-918M_20231106	11/7/23	11/6/23	13:35	aqueous		Adheres to Sample Acceptance Policy
269501.09	B-919U_20231106	11/7/23	11/6/23	08:35	aqueous		Adheres to Sample Acceptance Policy
269501.1	B-919M_20231106	11/7/23	11/6/23	13:00	aqueous		Adheres to Sample Acceptance Policy
269501.11	B-926U_20231106	11/7/23	11/6/23	14:40	aqueous		Adheres to Sample Acceptance Policy
269501.12	B-926L_20231106	11/7/23	11/6/23	14:45	aqueous		Adheres to Sample Acceptance Policy
269501.13	B-927U_20231106	11/7/23	11/6/23	09:15	aqueous		Adheres to Sample Acceptance Policy
269501.14	B-927M_20231106	11/7/23	11/6/23	10:00	aqueous		Adheres to Sample Acceptance Policy
269501.15	B-928U_20231106	11/7/23	11/6/23	12:25	aqueous		Adheres to Sample Acceptance Policy
269501.16	B-928D_20231106	11/7/23	11/6/23	12:00	aqueous		Adheres to Sample Acceptance Policy
269501.17	TB-GW-01_20231106	11/7/23	11/6/23	16:30	aqueous		Adheres to Sample Acceptance Policy
269501.18	TB-LL-GW-01_20231106	11/7/23	11/6/23	16:30	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-304UR_20231106	B-304DR_20231106	DUP-1_20231106	MW-701_20231106
Lab Sample ID:	269501.01	269501.02	269501.03	269501.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-304UR_20231106	B-304DR_20231106	DUP-1_20231106	MW-701_20231106
Lab Sample ID:	269501.01	269501.02	269501.03	269501.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**85 %R**	**85 %R**	**85 %R**	**85 %R**
1,2-Dichlorobenzene-d4 (surr)	**111 %R**	**109 %R**	**112 %R**	**111 %R**
Toluene-d8 (surr)	**91 %R**	**91 %R**	**91 %R**	**90 %R**
1,2-Dichloroethane-d4 (surr)	**108 %R**	**108 %R**	**109 %R**	**110 %R**

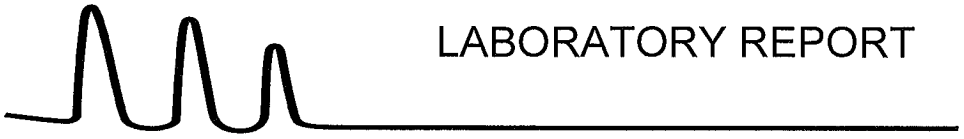
LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-915U_20231106	B-915M_20231106	B-918U_20231106	B-918M_20231106
Lab Sample ID:	269501.05	269501.06	269501.07	269501.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-915U_20231106	B-915M_20231106	B-918U_20231106	B-918M_20231106
Lab Sample ID:	269501.05	269501.06	269501.07	269501.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**85 %R**	**85 %R**	**84 %R**	**84 %R**
1,2-Dichlorobenzene-d4 (surr)	**111 %R**	**110 %R**	**111 %R**	**111 %R**
Toluene-d8 (surr)	**91 %R**	**90 %R**	**90 %R**	**90 %R**
1,2-Dichloroethane-d4 (surr)	**110 %R**	**110 %R**	**109 %R**	**110 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919U_20231106	B-919M_20231106	B-926U_20231106	B-926L_20231106
Lab Sample ID:	269501.09	269501.1	269501.11	269501.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919U_20231106	B-919M_20231106	B-926U_20231106	B-926L_20231106
Lab Sample ID:	269501.09	269501.1	269501.11	269501.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**84 %R**	**85 %R**	**84 %R**	**84 %R**
1,2-Dichlorobenzene-d4 (surr)	**112 %R**	**109 %R**	**110 %R**	**110 %R**
Toluene-d8 (surr)	**90 %R**	**90 %R**	**89 %R**	**90 %R**
1,2-Dichloroethane-d4 (surr)	**110 %R**	**109 %R**	**111 %R**	**109 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927U_20231106	B-927M_20231106	B-928U_20231106	B-928D_20231106
Lab Sample ID:	269501.13	269501.14	269501.15	269501.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	**8.9**	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927U_20231106	B-927M_20231106	B-928U_20231106	B-928D_20231106
Lab Sample ID:	269501.13	269501.14	269501.15	269501.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23	11/7/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**85 %R**	**85 %R**	**84 %R**	**85 %R**
1,2-Dichlorobenzene-d4 (surr)	**109 %R**	**109 %R**	**110 %R**	**110 %R**
Toluene-d8 (surr)	**90 %R**	**90 %R**	**89 %R**	**89 %R**
1,2-Dichloroethane-d4 (surr)	**111 %R**	**110 %R**	**111 %R**	**111 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID: TB-GW-01_20231106

Lab Sample ID:	269501.17
Matrix:	aqueous
Date Sampled:	11/6/23
Date Received:	11/7/23
Units:	ug/L
Date of Analysis:	11/7/23
Analyst:	DGM
Method:	8260C
Dilution Factor:	1

Dichlorodifluoromethane	< 2
Chloromethane	< 2
Vinyl chloride	< 1
Bromomethane	< 2
Chloroethane	< 2
Trichlorofluoromethane	< 2
Diethyl Ether	< 2
Acetone	< 10
1,1-Dichloroethene	< 0.5
tert-Butyl Alcohol (TBA)	< 30
Methylene chloride	< 1
Carbon disulfide	< 2
Methyl-t-butyl ether(MTBE)	< 1
Ethyl-t-butyl ether(ETBE)	< 2
Isopropyl ether(DIPE)	< 2
tert-amyl methyl ether(TAME)	< 2
trans-1,2-Dichloroethene	< 1
1,1-Dichloroethane	< 1
2,2-Dichloropropane	< 1
cis-1,2-Dichloroethene	< 1
2-Butanone(MEK)	< 10
Bromochloromethane	< 1
Tetrahydrofuran(THF)	< 10
Chloroform	< 1
1,1,1-Trichloroethane	< 1
Carbon tetrachloride	< 1
1,1-Dichloropropene	< 1
Benzene	< 1
1,2-Dichloroethane	< 1
Trichloroethene	< 1
1,2-Dichloropropane	< 1
Dibromomethane	< 1
Bromodichloromethane	< 0.5
1,4-Dioxane	< 50
4-Methyl-2-pentanone(MIBK)	< 10
cis-1,3-Dichloropropene	< 0.5
Toluene	< 1
trans-1,3-Dichloropropene	< 0.5
1,1,2-Trichloroethane	< 1
2-Hexanone	< 10
Tetrachloroethene	< 1
1,3-Dichloropropane	< 1
Dibromochloromethane	< 1
1,2-Dibromoethane(EDB)	< 0.5
Chlorobenzene	< 1
1,1,1,2-Tetrachloroethane	< 1

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID: TB-GW-01_20231106

Lab Sample ID:	269501.17
Matrix:	aqueous
Date Sampled:	11/6/23
Date Received:	11/7/23
Units:	ug/L
Date of Analysis:	11/7/23
Analyst:	DGM
Method:	8260C
Dilution Factor:	1
Ethylbenzene	< 1
mp-Xylene	< 1
o-Xylene	< 1
Styrene	< 1
Bromoform	< 2
IsoPropylbenzene	< 1
Bromobenzene	< 1
1,1,2,2-Tetrachloroethane	< 1
1,2,3-Trichloropropane	< 0.5
n-Propylbenzene	< 1
2-Chlorotoluene	< 1
4-Chlorotoluene	< 1
1,3,5-Trimethylbenzene	< 1
tert-Butylbenzene	< 1
1,2,4-Trimethylbenzene	< 1
sec-Butylbenzene	< 1
1,3-Dichlorobenzene	< 1
p-Isopropyltoluene	< 1
1,4-Dichlorobenzene	< 1
1,2-Dichlorobenzene	< 1
n-Butylbenzene	< 1
1,2-Dibromo-3-chloropropane	< 2
1,3,5-Trichlorobenzene	< 1
1,2,4-Trichlorobenzene	< 1
Hexachlorobutadiene	< 0.5
Naphthalene	< 2
1,2,3-Trichlorobenzene	< 0.5
4-Bromofluorobenzene (surr)	**84 %R**
1,2-Dichlorobenzene-d4 (surr)	**112 %R**
Toluene-d8 (surr)	**92 %R**
1,2-Dichloroethane-d4 (surr)	**108 %R**

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63835122437

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	18 (91 %R)	17 (83 %R) (9 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	16 (81 %R)	15 (74 %R) (8 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	18 (90 %R)	16 (81 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	17 (87 %R)	16 (78 %R) (10 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	17 (86 %R)	16 (79 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	19 (97 %R)	18 (88 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (88 %R)	16 (82 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	16 (79 %R)	15 (73 %R) (7 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (111 %R)	20 (102 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	88 (88 %R)	82 (82 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	21 (104 %R)	19 (97 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	21 (106 %R)	20 (98 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	19 (96 %R)	18 (90 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (98 %R)	19 (93 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	19 (93 %R)	18 (88 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	18 (92 %R)	17 (87 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	19 (96 %R)	18 (89 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	20 (102 %R)	19 (97 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	21 (105 %R)	19 (95 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (103 %R)	19 (96 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	20 (101 %R)	19 (93 %R) (8 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	21 (107 %R)	20 (100 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (87 %R)	16 (81 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	21 (106 %R)	20 (98 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	20 (101 %R)	19 (94 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	20 (102 %R)	19 (94 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	21 (103 %R)	19 (95 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	21 (103 %R)	19 (95 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (99 %R)	19 (93 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (102 %R)	19 (95 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (99 %R)	19 (93 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	20 (98 %R)	18 (92 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	18 (90 %R)	17 (85 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (110 %R)	< 50 (101 %R) (8 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (92 %R)	15 (75 %R) (21 RPD) !	11/7/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	18 (90 %R)	17 (85 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (104 %R)	19 (96 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	20 (99 %R)	18 (92 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	22 (108 %R)	20 (100 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	19 (94 %R)	12 (62 %R) (41 RPD) !	11/7/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	22 (111 %R)	21 (103 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (100 %R)	19 (93 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	20 (98 %R)	18 (91 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (103 %R)	19 (97 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	20 (99 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	21 (103 %R)	19 (96 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63835122437

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	21 (107 %R)	20 (99 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	45 (113 %R)	41 (104 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	21 (105 %R)	19 (97 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	21 (106 %R)	18 (90 %R) (17 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	19 (95 %R)	18 (89 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	21 (103 %R)	19 (95 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	19 (96 %R)	18 (88 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	19 (93 %R)	17 (87 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (93 %R)	17 (85 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	20 (101 %R)	18 (92 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	21 (104 %R)	19 (96 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	21 (104 %R)	19 (94 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	20 (99 %R)	18 (90 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	20 (98 %R)	18 (89 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	22 (109 %R)	20 (99 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	22 (109 %R)	20 (99 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (105 %R)	19 (97 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	21 (106 %R)	19 (96 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (102 %R)	19 (94 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (102 %R)	19 (94 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	22 (108 %R)	20 (98 %R) (9 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	17 (87 %R)	16 (81 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (110 %R)	20 (101 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	24 (119 %R)	22 (112 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	19 (97 %R)	18 (88 %R) (10 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	22 (112 %R)	21 (104 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	24 (122 %R)	23 (113 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	85 %R	103 %R	102 %R	11/7/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	111 %R	96 %R	96 %R	11/7/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	92 %R	97 %R	96 %R	11/7/2023	% Rec	70 - 130		8260C
1,2-Dichloroethane-d4 (surr)	106 %R	99 %R	98 %R	11/7/2023	% Rec	70 - 130		8260C

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-304UR_20231106	B-304DR_20231106	DUP-1_20231106	MW-701_20231106
Lab Sample ID:	269501.01	269501.02	269501.03	269501.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/8/23	11/8/23	11/8/23
Analyst:	MKB	AMF	AMF	MKB
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	**0.27**	**0.28**	< 0.25
4-Bromofluorobenzene (surr)	**98 %R**	**98 %R**	**101 %R**	**97 %R**
Toluene-d8 (surr)	**101 %R**	**101 %R**	**99 %R**	**100 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-915U_20231106	B-915M_20231106	B-918U_20231106	B-918M_20231106
Lab Sample ID:	269501.05	269501.06	269501.07	269501.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/8/23	11/8/23	11/8/23	11/8/23
Analyst:	MKB	MKB	MKB	MKB
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**98 %R**	**99 %R**	**103 %R**	**98 %R**
Toluene-d8 (surr)	**101 %R**	**101 %R**	**101 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919U_20231106	B-919M_20231106	B-926U_20231106	B-926L_20231106
Lab Sample ID:	269501.09	269501.1	269501.11	269501.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/8/23	11/8/23	11/8/23	11/8/23
Analyst:	MKB	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**101 %R**	**98 %R**	**103 %R**	**98 %R**
Toluene-d8 (surr)	**99 %R**	**100 %R**	**100 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927U_20231106	B-927M_20231106	B-928U_20231106	B-928D_20231106
Lab Sample ID:	269501.13	269501.14	269501.15	269501.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/8/23	11/8/23	11/8/23	11/8/23
Analyst:	AMF	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**102 %R**	**98 %R**	**98 %R**	**98 %R**
Toluene-d8 (surr)	**100 %R**	**101 %R**	**100 %R**	**100 %R**

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID: TB-LL-GW-01_20231106

Lab Sample ID:	269501.18
Matrix:	aqueous
Date Sampled:	11/6/23
Date Received:	11/7/23
Units:	ug/L
Date of Analysis:	11/8/23
Analyst:	AMF
Method:	8260B SIM
Dilution Factor:	1
1,4-Dioxane	< 0.25
4-Bromofluorobenzene (surr)	**101 %R**
Toluene-d8 (surr)	**99 %R**

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638349-71718/A110723DIOX2

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.4 (88 %R)	4.6 (92 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	101 %R	98 %R	97 %R	11/7/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	99 %R	100 %R	100 %R	11/7/2023	% Rec	70 - 130		8260B

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638350-49677/A110823DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.6 (92 %R)	4.6 (92 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	98 %R	98 %R	98 %R	11/8/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	101 %R	101 %R	101 %R	11/8/2023	% Rec	70 - 130		8260B

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-304UR_20231106	B-304DR_20231106	DUP-1_20231106	B-915U_20231106					
Lab Sample ID:	269501.01	269501.02	269501.03	269501.05					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23					
						Analysis			
					Units	**Date**	**Time**	**Method**	**Analyst**
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	11/08/23	18:20	300.0	ALS
Chloride	**24**	**30**	**30**	**5**	mg/L	11/07/23	14:17	4500CIE-11	ALS
Nitrate-N	**3.1**	**0.70**	**0.61**	< 0.5	mg/L	11/07/23	14:17	353.2	ALS
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	11/09/23	15:40	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	11/07/23	15:10	H8000	JCS

Sample ID:	B-915M_20231106	B-918U_20231106	B-919U_20231106	B-919M_20231106					
Lab Sample ID:	269501.06	269501.07	269501.09	269501.1					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23					
						Analysis			
					Units	**Date**	**Time**	**Method**	**Analyst**
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	11/08/23	19:32	300.0	ALS
Chloride	**57**	**31**	**3.2**	**2.7**	mg/L	11/07/23	14:37	4500CIE-11	ALS
Nitrate-N	**0.57**	**2.2**	**0.51**	< 0.5	mg/L	11/07/23	14:37	353.2	ALS
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	11/09/23	15:54	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	11/07/23	15:10	H8000	JCS

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-926U_20231106	B -926L_20231106	B -927U_20231106	B -927M_20231106					
Lab Sample ID:	269501.11	269501.12	269501.13	269501.14					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23		Analysis			
					Units	**Date**	**Time**	**Method**	**Analyst**
Bromide	**0.19**	< 0.1	< 0.1	< 0.1	mg/L	11/08/23	21:56	300.0	ALS
Chloride	**4.3**	**38**	**63**	**3.8**	mg/L	11/07/23	14:44	4500ClE-11	ALS
Nitrate-N	< 0.5	< 0.5	**1.1**	< 0.5	mg/L	11/07/23	14:44	353.2	ALS
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	11/09/23	16:22	$4500N_{org}C/NH3D$	GRS
COD	**21**	< 10	< 10	**73**	mg/L	11/07/23	15:10	H8000	JCS

Sample ID:	B-928U_20231106	B -928D_20231106						
Lab Sample ID:	269501.15	269501.16						
Matrix:	aqueous	aqueous						
Date Sampled:	11/6/23	11/6/23		Analysis				
Date Received:	11/7/23	11/7/23	**Units**	**Date**	**Time**	**Method**	**Analyst**	
Bromide	< 0.1	< 0.1	mg/L	11/08/23	22:54	300.0	ALS	
Chloride	**9.7**	**14**	mg/L	11/07/23	15:02	4500ClE-11	ALS	
Nitrate-N	**0.82**	**1.0**	mg/L	11/07/23	15:02	353.2	ALS	
TKN	< 0.5	< 0.5	mg/L	11/09/23	16:33	$4500N_{org}C/NH3D$	GRS	
COD	< 10	< 10	mg/L	11/07/23	15:10	H8000	JCS	

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-701_20231106	B-918M_20231106					
Lab Sample ID:	269501.04	269501.08					
Matrix:	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23					
			Analysis				
			Units	**Date**	**Time**	**Method**	**Analyst**
Bromide	< 0.1	< 0.1	mg/L	11/08/23	19:03	300.0	ALS
Sulfate	**18**	**11**	mg/L	11/08/23	19:03	300.0	ALS
Chloride	**8.1**	**14**	mg/L	11/07/23	14:34	4500ClE-11	ALS
Nitrate-N	**1.7**	**0.98**	mg/L	11/07/23	14:34	353.2	ALS
TKN	< 0.5	< 0.5	mg/L	11/09/23	15:49	4500N_{org}C/NH3D	GRS
COD	< 10	< 10	mg/L	11/07/23	15:10	H8000	JCS

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (101 %R)	2.1 (105 %R) (4 RPD)	mg/L	11/8/23	90 - 110	20	300.0
Sulfate	< 1	20 (99 %R)	20 (102 %R) (4 RPD)	mg/L	11/8/23	90 - 110	20	300.0
Chloride	< 1	26 (105 %R)	27 (108 %R) (2 RPD)	mg/L	11/7/23	90 - 110	20	4500ClE-11
Nitrate-N	< 0.5	5.2 (103 %R)	5.1 (102 %R) (1 RPD)	mg/L	11/7/23	90 - 110	20	353.2
TKN	< 0.5	9.9 (99 %R)	10 (100 %R) (1 RPD)	mg/L	11/9/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	98 (98 %R)	100 (101 %R) (4 RPD)	mg/L	11/7/23	85 - 115	20	H8000

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-304UR_20231106	B-304DR_20231106	DUP-1_20231106	MW-701_20231106					
Lab Sample ID:	269501.01	269501.02	269501.03	269501.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23					
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	11/8/23	200.8	DS
Manganese	< 0.005	**1.7**	**1.8**	**0.22**	AqDis	mg/L	11/8/23	200.8	DS

Sample ID:	B-915U_20231106	B-915M_20231106	B-918U_20231106	B-918M_20231106					
Lab Sample ID:	269501.05	269501.06	269501.07	269501.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23					
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	11/9/23	200.8	DS
Manganese	< 0.005	< 0.005	< 0.005	**0.0059**	AqDis	mg/L	11/9/23	200.8	DS

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919U_20231106	B-919M_20231106	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Lab Sample ID:	269501.09	269501.1					
Matrix:	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23					
Arsenic	< 0.0005	**0.043**	AqDis	mg/L	11/9/23	200.8	DS
Iron	< 0.05	**7.0**	AqDis	mg/L	11/9/23	200.8	DS
Manganese	< 0.005	**3.1**	AqDis	mg/L	11/9/23	200.8	DS

LABORATORY REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-926U_20231106	B-926L_20231106	B-927U_20231106	B-927M_20231106					
Lab Sample ID:	269501.11	269501.12	269501.13	269501.14					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	11/6/23	11/6/23					
Date Received:	11/7/23	11/7/23	11/7/23	11/7/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	< 0.05	**2.5**	AqDis	mg/L	11/9/23	200.8	DS
Manganese	**2.3**	< 0.005	< 0.005	**0.20**	AqDis	mg/L	11/9/23	200.8	DS

Sample ID:	B-928U_20231106	B-928D_20231106					
Lab Sample ID:	269501.15	269501.16					
Matrix:	aqueous	aqueous					
Date Sampled:	11/6/23	11/6/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	11/7/23	11/7/23					
Iron	< 0.05	< 0.05	AqDis	mg/L	11/9/23	200.8	DS
Manganese	< 0.005	< 0.005	AqDis	mg/L	11/9/23	200.8	DS

QC REPORT

EAI ID#: **269501**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD		Units	Date of Analysis	Limits	RPD	Method
Arsenic	< 0.0005	0.20 (102 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8
Iron	< 0.05	10 (104 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8
Manganese	< 0.005	0.20 (102 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Chain-of-Custody Record

Page 1 of 2

For l

269501

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	VOCs 8260B	Low Level 1,4-Dioxane	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
B-304UR_20231106	11/6/23 1045	GW	G	X	X	X	X	X			7	
B-304DR_20231106	11/6/23 1055	GW	G	X	X	X	X	X			7	
DUP-1_20231106	11/6/23 1055	GW	G	X	X	X	X	X			7	
MW-701_20231106	11/6/23 1510	GW	G	X	X	X	X	X		X	7	
B-915U_20231106	11/6/23 1410	GW	G	X	X	X	X	X			7	
B-915M_20231106	11/6/23 1410	GW	G	X	X	X	X	X			7	
B-918U_20231106	11/6/23 1335	GW	G	X	X	X	X	X			7	
B-918M_20231106	11/6/23 1335	GW	G	X	X	X	X	X		X	7	
B-919U_20231106	11/6/23 0835	GW	G	X	X	X	X	PJP X	X		7	
B-919M_20231106	11/6/23 1300	GW	G	X	X	X	X		X		7	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous				H	Ice	S	Ice	N	N	Ice		
Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3												

Analyses Requested

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	6 Bedford Farms Drive, Suite 201
City:	Bedford State: NH Zip: 03110
Phone	603-229-1900 Ext.:
Fax:	603-229-1919
E-Mail:	mestabrooks@sanbornhead.com
Site Name:	NCES | Groundwater
Project #	2637.10
State:	NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed: Standard TAT

Temp. 1.0 °C

Ice? Yes No

QA/QC

Reporting Level

A B C

or

Presumptive Certainty

Reporting Options

Prelims: Yes or No

If Yes: Fax or PDF

Electonic Options

No Fax | E-Mail | PDF | Equis

Metals: Lists Below **Samples Field Filtered:** YES

A: Fe, Mn

B: Fe, Mn, As

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Different)

Trip blank(s) prepared by EAI.

Bill NCES.
*Report 1,4-dioxane to 0.25 ug/l RL
*Hold Final report until EQuIS EDD ready.

Site History:

Suspected Contamination:

Field Readings:

Sampler(s): PJP, GHP GWB

Relinquished By:	Date:	Time:	Received By:
[signature]	11/6/23	1805	
Foye	11/7/23	0845	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Eastern Analytical, Inc.
professional laboratory & drilling services
51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Page 2 of 2

Chain-of-Custody Record

For l

269501

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	Analyses Requested: VOCs 8260B	Low Level 1,4-Dioxane	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
B-926U_20231106	11/6/23 1440	GW	G	X	X	X	X	X			7	
B-926L_20231106	11/6/23 1445	GW	G	X	X	X	X	X			7	
B-927U_20231106	11/6/23 0915	GW	G	X	X	X	X	X			7	
B-927M_20231106	11/6/23 1000	GW	G	X	X	X	X	X			7	
B-928U_20231106	11/6/23 1225	GW	G	X	X	X	X	X			7	
B-928D_20231106	11/6/23 1200	GW	G	X	X	X	X	X			7	
TB-GW-01_20231106	11/6/23 1630	AQ	-	X							2	
TB-LL-GW-01_20231106	11/6/23 1630	AQ	-		X						2	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3				H	Ice	S	Ice	N	N	Ice		

Project Manager: M. Estabrooks / T. White

Company: Sanborn, Head & Associates, Inc.

Address: 6 Bedford Farms Drive, Suite 201

City: Bedford State: NH Zip: 03110

Phone 603-229-1900 Ext.:

Fax: 603-229-1919

E-Mail: mestabrooks@sanbornhead.com

Site Name: NCES | Groundwater

Project # 2637.10

State: NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed: Standard TAT

Temp. 1-6 °C

Ice? (Yes) No

QA/QC

Reporting Level

A [B] C

or

Presumptive Certainty

Reporting Options

Prelims: [Yes] or No

If Yes: Fax or [PDF]

Electonic Options

[No Fax] [E-Mail] [PDF] [Equis]

Metals: Lists Below **Samples Field Filtered:** YES

A: Fe, Mn

B: Fe, Mn, As

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Different)

Trip blank(s) prepared by EAI.

Bill NCES.

*Report 1,4-dioxane to 0.25 ug/l RL

*Hold Final report until EQuIS EDD ready.

Sampler(s): PJP, GAP, GWB

Relinquished By:	Date:	Time:	Received By:
[signature]	11/6/23	1805	
[signature]	11/7/23	0845	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Site History:

Suspected Contamination:

Field Readings:

Eastern Analytical, Inc.
professional laboratory & drilling services
51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Eastern Analytical, Inc.
professional laboratory and drilling services

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford , NH 03110

Laboratory Report for:

Eastern Analytical, Inc. ID: 269502
Client Identification: NCES | Surface Water / 2637.10
Date Received: 11/7/2023

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Certifications:
Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at www.easternanalytical.com for a copy of our certificates and accredited parameters.

References:
- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director — 11.14.23 Date

SAMPLE CONDITIONS PAGE

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Temperature upon receipt (°C): 1.2 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
269502.01	S-1_20231106	11/7/23	11/6/23 12:05	aqueous		Adheres to Sample Acceptance Policy
269502.02	SF-1_20231106	11/7/23	11/6/23 11:53	aqueous		Adheres to Sample Acceptance Policy
269502.03	TB-SW-01_20231106	11/7/23	11/6/23 12:15	aqueous		Adheres to Sample Acceptance Policy
269502.04	TB-LL-SW-01_20231106	11/7/23	11/6/23 12:15	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*

LABORATORY REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20231106	SF-1_20231106	TB-SW-01_20231106
Lab Sample ID:	269502.01	269502.02	269502.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23
Analyst:	JAK	JAK	JAK
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2
Acetone	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1
Benzene	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20231106	SF-1_20231106	TB-SW-01_20231106
Lab Sample ID:	269502.01	269502.02	269502.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/7/23	11/7/23	11/7/23
Analyst:	JAK	JAK	JAK
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1
Ethylbenzene	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1
Styrene	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**89 %R**	**90 %R**	**90 %R**
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	**103 %R**	**101 %R**
Toluene-d8 (surr)	**92 %R**	**93 %R**	**92 %R**
1,2-Dichloroethane-d4 (surr)	**103 %R**	**103 %R**	**101 %R**

QC REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638349-69916/A110723V82601

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	28 (138 %R)	26 (129 %R) (7 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	18 (89 %R)	17 (83 %R) (7 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	23 (113 %R)	21 (105 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	28 (140 %R)	26 (130 %R) (8 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	21 (106 %R)	20 (99 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	24 (119 %R)	22 (112 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (88 %R)	17 (84 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	16 (79 %R)	15 (77 %R) (3 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (110 %R)	21 (103 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	88 (88 %R)	87 (87 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	20 (100 %R)	19 (95 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	18 (89 %R)	17 (84 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	21 (104 %R)	20 (101 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	21 (103 %R)	20 (99 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	20 (102 %R)	19 (97 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	21 (103 %R)	20 (100 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	22 (109 %R)	20 (102 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	22 (108 %R)	20 (102 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	24 (121 %R)	22 (112 %R) (7 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (107 %R)	20 (101 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	17 (87 %R)	17 (86 %R) (2 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	21 (106 %R)	20 (101 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	18 (88 %R)	17 (86 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	21 (107 %R)	20 (101 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	22 (110 %R)	21 (103 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	22 (112 %R)	21 (106 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	22 (111 %R)	21 (104 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	22 (109 %R)	21 (103 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (101 %R)	19 (97 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	22 (109 %R)	21 (103 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	21 (104 %R)	20 (99 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	21 (105 %R)	20 (101 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	21 (104 %R)	20 (99 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (99 %R)	< 50 (100 %R) (0 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (92 %R)	18 (91 %R) (2 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	17 (84 %R)	16 (80 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (104 %R)	20 (99 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	18 (88 %R)	17 (85 %R) (4 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	20 (102 %R)	20 (100 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	17 (83 %R)	17 (83 %R) (1 RPD)	11/7/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	22 (111 %R)	21 (105 %R) (6 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	21 (103 %R)	20 (99 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (103 %R)	20 (100 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	20 (101 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	21 (106 %R)	20 (101 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638349-69916/A110723V82601

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	22 (112 %R)	21 (107 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	45 (112 %R)	42 (106 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	23 (113 %R)	22 (108 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	22 (110 %R)	21 (105 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	19 (97 %R)	19 (94 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	22 (109 %R)	21 (104 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (105 %R)	21 (103 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	19 (94 %R)	19 (94 %R) (0 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (94 %R)	19 (93 %R) (1 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	22 (109 %R)	21 (106 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	20 (98 %R)	21 (107 %R) (8 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (109 %R)	21 (104 %R) (5 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (109 %R)	21 (106 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	22 (111 %R)	22 (108 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	22 (111 %R)	22 (108 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	23 (117 %R)	23 (114 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (106 %R)	21 (104 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	23 (115 %R)	22 (112 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (100 %R)	20 (98 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	21 (103 %R)	20 (101 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	22 (110 %R)	21 (106 %R) (3 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	19 (95 %R)	19 (96 %R) (1 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	21 (107 %R)	21 (105 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	22 (109 %R)	21 (107 %R) (2 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	21 (106 %R)	21 (105 %R) (1 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	17 (83 %R)	17 (83 %R) (1 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	22 (108 %R)	21 (107 %R) (1 RPD)	11/7/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	91 %R	103 %R	102 %R	11/7/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	102 %R	99 %R	99 %R	11/7/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	93 %R	97 %R	98 %R	11/7/2023	% Rec	70 - 130		8260C
1,2-Dichloroethane-d4 (surr)	100 %R	96 %R	95 %R	11/7/2023	% Rec	70 - 130		8260C

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20231106	SF-1_20231106	TB-LL-SW-01_20231106
Lab Sample ID:	269502.01	269502.02	269502.04
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23	11/7/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/8/23	11/8/23	11/8/23
Analyst:	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**97 %R**	**98 %R**	**98 %R**
Toluene-d8 (surr)	**100 %R**	**101 %R**	**101 %R**

QC REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638350-49677/A110823DIOX1

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.6 (92 %R)	4.6 (92 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	98 %R	98 %R	98 %R	11/8/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	101 %R	101 %R	101 %R	11/8/2023	% Rec	70 - 130		8260B

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20231106	SF -1_20231106
Lab Sample ID:	269502.01	269502.02
Matrix:	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23

			Analysis			
			Units	**Date**	**Time**	**Method**	**Analyst**
Chloride	**3.9**	**7.4**	mg/L	11/07/23	15:05	4500ClE-11	ALS
Nitrate-N	< 0.5	< 0.5	mg/L	11/07/23	15:05	353.2	ALS
TKN	< 0.5	< 0.5	mg/L	11/09/23	16:38	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	mg/L	11/07/23	15:10	H8000	JCS

QC REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Chloride	< 1	26 (105 %R)	27 (108 %R) (2 RPD)	mg/L	11/7/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.2 (103 %R)	5.1 (102 %R) (1 RPD)	mg/L	11/7/23	90 - 110	20	353.2
TKN	< 0.5	9.9 (99 %R)	10 (100 %R) (1 RPD)	mg/L	11/9/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	98 (98 %R)	100 (101 %R) (4 RPD)	mg/L	11/7/23	85 - 115	20	H8000

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

LABORATORY REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20231106	SF-1_20231106
Lab Sample ID:	269502.01	269502.02
Matrix:	aqueous	aqueous
Date Sampled:	11/6/23	11/6/23
Date Received:	11/7/23	11/7/23

			Analytical Matrix	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	**0.25**	**7.2**	AqTot	mg/L	11/10/23	200.8	DS
Manganese	**0.085**	**0.59**	AqTot	mg/L	11/10/23	200.8	DS

QC REPORT

EAI ID#: **269502**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Iron	< 0.05	10 (102 %R)	NA	mg/L	11/10/23	85 - 115	20	200.8
Manganese	< 0.005	0.41 (101 %R)	NA	mg/L	11/10/23	85 - 115	20	200.8

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Chain-of-Custody Record

Page 1 of 1

For 269502

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	Analyses Requested: VOCs 8260B	Low Level 1,4-Dioxane	TKN, COD	Nitrate, Chloride	Total Metals	# of Containers	NOTES MeOH Vial #
S-1_20231106	11/6/23 1205	SW	G	X	X	X	X	A	7	
SF-1_20231106	11/6/23 1153	SW	G	X	X	X	X	A	7	
TB-SW-01_20231106	11/6/23 1215	Aq	G	X					2	
TB-LL-SW-01_20231106	11/6/23 1215	Aq	G		X				2	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3				H	Ice	S	Ice	N		

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	6 Bedford Farms Drive, Suite 201
City:	Bedford State: NH Zip: 03110
Phone	603-229-1900 Ext.:
Fax:	603-229-1919
E-Mail:	mestabrooks@sanbornhead.com
Site Name:	NCES | Surface Water
Project #	2637.10
State:	NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed: Standard TAT

QA/QC

Reporting Level

A **B** C

or

Presumptive Certainty

Reporting Options

Prelims: Yes or No

If Yes: Fax or PDF

Electonic Options

No Fax | E-Mail | PDF | Equis

Temp. 1.2 °C

Ice? Yes No

Metals: Lists Below **Samples Field Filtered:** N/A

A: Fe, Mn

B:

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Different)

Trip blank(s) prepared by EAI.

Bill NCES.

*Report 1,4-dioxane to 0.25 ug/l RL

*Hold Final report until EQuIS EDD ready.

Sampler(s): GWB, PJP

Relinquished By:	Date:	Time:	Received By:
	11/6/23	1805	
Fayz	11/7/23	0845	

Suspected Contamination:

Field Readings:

Eastern Analytical, Inc.
professional laboratory & drilling services
51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Eastern Analytical, Inc.
professional laboratory and drilling services

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford , NH 03110

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 269504
Client Identification: NCES | PFAS | 2637.10
Date Received: 11/7/2023

Dear Estabrooks :

Enclosed please find the report of analysis for the above identified project. As discussed, analyses were subcontracted and are listed as follows:

Analysis:	Subcontract - PFAS EPA Method 1633 (VAL)
Subcontractor Lab:	Enthalpy Analytical

A complete copy of the report is attached. This report may not be reproduced except in full, without the written approval of the laboratory.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

12.15.23
Date

SAMPLE CONDITIONS PAGE

EAI ID#: **269504**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | PFAS | 2637.10**

Temperature upon receipt (°C): 0.6 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
269504.01	B-304UR_20231106	11/7/23	11/6/23 10:45	aqueous		Adheres to Sample Acceptance Policy
269504.02	B-304DR_20231106	11/7/23	11/6/23 10:55	aqueous		Adheres to Sample Acceptance Policy
269504.03	MW-604_20231106	11/7/23	11/6/23 12:43	aqueous		Adheres to Sample Acceptance Policy
269504.04	MW-701_20231106	11/7/23	11/6/23 15:10	aqueous		Adheres to Sample Acceptance Policy
269504.05	B-918M_20231106	11/7/23	11/6/23 13:35	aqueous		Adheres to Sample Acceptance Policy
269504.06	B-928U_20231106	11/7/23	11/6/23 12:25	aqueous		Adheres to Sample Acceptance Policy
269504.07	B-928D_20231106	11/7/23	11/6/23 12:00	aqueous		Adheres to Sample Acceptance Policy
269504.08	FB-PFAS-01_20231106	11/7/23	11/6/23 15:15	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*

December 13, 2023

Enthalpy Analytical - El Dorado Hills
Work Order No. 2311105

Ms. Jennifer Laramie
Eastern Analytical, Inc.
51 Antrim Avenue
Concord, NH 03301

Dear Ms. Laramie,

Enclosed are the amended results for the sample set received at Enthalpy Analytical - EDH on November 10, 2023 under your Project Name '269504 NH 2089'.

Enthalpy Analytical - EDH is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at rajwinder.kaur@enthalpy.com.

Thank you for choosing Enthalpy Analytical - EDH as part of your analytical support team.

Sincerely,

Rajwinder Kaur
Project Manager

Enthalpy Analytical - EDH certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Enthalpy Analytical - EDH.

Enthalpy Analytical - EDH Work Order No. 2311105
Case Narrative

Sample Condition on Receipt:

Eight aqueous samples were received and stored securely in accordance with Enthalpy Analytical - EDH standard operating procedures and EPA methodology. The samples were received in good condition and within the recommended temperature requirements. Sample ID discrepancies were noted for the samples between the container labels and the Chain-of-Custody (CoC). The sample IDs have been reported as listed on the CoC. This report has been amended to update the case narrative to reflect the reporting limits were increased during the analysis.

Analytical Notes:

Draft EPA Method 1633 (Aqueous)

The samples were extracted and analyzed for a selected list of PFAS using Draft EPA Method 1633. The results for PFHxS, PFOA, PFOSA, PFOS, MeFOSAA, EtFOSAA and MeFOSA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank, Ongoing Precision and Recovery (OPR) sample, and Low-Level OPR sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above the Reporting Limit. The OPR recoveries were within the method acceptance criteria.

Samples "B-304UR_20231106", "B-304DR_20231106", "MW-604_20231106" and "B-928D_20231106" contained >50 mg of particulate and a subsample of each sample was taken for extraction. The effect of subsampling caused the sample reporting limits to increase by proportional amount.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

TABLE OF CONTENTS

Case Narrative..... 1

Table of Contents..... 3

Sample Inventory..... 4

Analytical Results..... 5

Qualifiers..... 28

Certifications..... 29

Sample Receipt..... 30

ENTHALPY ANALYTICAL

Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2311105-01	B-304UR_20231106	06-Nov-23 10:45	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-02	B-304DR_20231106	06-Nov-23 10:55	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-03	MW-604_20231106	06-Nov-23 12:43	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-04	MW-701_20231106	06-Nov-23 15:10	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-05	B-918M_20231106	06-Nov-23 13:35	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-06	B-928U_20231106	06-Nov-23 12:25	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-07	B-928D_20231106	06-Nov-23 12:00	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL
				HDPE Bottle, 125 mL
2311105-08	FB-PFAS-01_20231106	06-Nov-23 15:15	10-Nov-23 10:55	HDPE Bottle, 500 mL
				HDPE Bottle, 500 mL

ANALYTICAL RESULTS

ENTHALPY ANALYTICAL

Sample ID: Method Blank — **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	B23K124-BLK1	Column:	BEH C18
Project:	269504 NH 2089						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	6.40		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFPeA	ND	3.20		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFBS	ND	1.42		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
4:2 FTS	ND	6.00		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFHxA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFPeS	ND	1.50		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFHpA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFHxS	ND	1.46		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
6:2 FTS	ND	6.07		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFOA	ND	2.00		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFHpS	ND	1.52		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFNA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFOSA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFOS	ND	1.49		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFDA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
8:2 FTS	ND	6.14		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFNS	ND	1.54		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
MeFOSAA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
EtFOSAA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFUnA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFDS	ND	1.54		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFDoA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
MeFOSA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFTrDA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
PFTeDA	ND	1.60		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	83.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C5-PFPeA	IS	79.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C2-4:2 FTS	IS	77.7	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C3-PFBS	IS	77.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C5-PFHxA	IS	78.1	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C4-PFHpA	IS	77.1	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C2-6:2 FTS	IS	79.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C8-PFOA	IS	85.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C3-PFHxS	IS	78.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C9-PFNA	IS	81.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C2-8:2 FTS	IS	80.7	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C6-PFDA	IS	79.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1

ENTHALPY ANALYTICAL

Sample ID: Method Blank **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	B23K124-BLK1	Column:	BEH C18
Project:	269504 NH 2089						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
d3-MeFOSAA	IS	78.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C8-PFOS	IS	72.7	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
d5-EtFOSAA	IS	68.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C7-PFUnA	IS	76.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C8-PFOSA	IS	57.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C2-PFDoA	IS	71.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
13C2-PFTeDA	IS	69.1	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1
d3-MeFOSA	IS	27.5	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:09	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: OPR — **EPA Method 1633**

Client Data

Name: Eastern Analytical, Inc.
Project: 269504 NH 2089
Matrix: Aqueous

Laboratory Data

Lab Sample: B23K124-BS1
Column: BEH C18

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	21.6	20.0	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFPeA	10.8	10.0	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFBS	5.47	4.44	123	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
4:2 FTS	19.1	18.8	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFHxA	5.40	5.00	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFPeS	5.12	4.72	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFHpA	5.54	5.00	111	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFHxS	4.93	4.56	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
6:2 FTS	21.2	19.0	112	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFOA	5.91	5.00	118	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFHpS	5.27	4.76	111	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFNA	5.74	5.00	115	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFOSA	5.63	5.00	113	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFOS	5.24	4.64	113	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFDA	5.56	5.00	111	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
8:2 FTS	21.6	19.2	113	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFNS	5.15	4.80	107	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
MeFOSAA	5.51	5.00	110	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
EtFOSAA	5.45	5.00	109	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFUnA	5.62	5.00	112	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFDS	4.69	4.84	97.0	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFDoA	5.23	5.00	105	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
MeFOSA	5.52	5.00	110	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFTrDA	5.38	5.00	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
PFTeDA	5.76	5.00	115	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	85.1	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C5-PFPeA	IS	83.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C2-4:2 FTS	IS	87.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C3-PFBS	IS	79.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C5-PFHxA	IS	88.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C4-PFHpA	IS	81.5	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C2-6:2 FTS	IS	80.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C8-PFOA	IS	87.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C3-PFHxS	IS	81.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1

ENTHALPY ANALYTICAL

Sample ID: OPR **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	B23K124-BS1	Column:	BEH C18
Project:	269504 NH 2089						

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C9-PFNA	IS	87.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C2-8:2 FTS	IS	76.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C6-PFDA	IS	77.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
d3-MeFOSAA	IS	65.5	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C8-PFOS	IS	81.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
d5-EtFOSAA	IS	64.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C7-PFUnA	IS	75.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C8-PFOSA	IS	57.6	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C2-PFDoA	IS	74.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
13C2-PFTeDA	IS	67.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1
d3-MeFOSA	IS	32.6	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:23	1

ENTHALPY ANALYTICAL

Sample ID: OPR — **EPA Method 1633**

Client Data

Name: Eastern Analytical, Inc.
Project: 269504 NH 2089
Matrix: Aqueous

Laboratory Data

Lab Sample: B23K124-BS2
Column: BEH C18

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	13.2	12.8	103	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFPeA	6.64	6.40	104	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFBS	3.09	2.84	109	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
4:2 FTS	12.6	12.0	105	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFHxA	3.26	3.20	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFPeS	3.08	3.01	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFHpA	3.33	3.20	104	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFHxS	2.98	2.92	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
6:2 FTS	13.1	12.2	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFOA	3.33	3.20	104	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFHpS	3.18	3.05	104	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFNA	3.36	3.20	105	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFOSA	3.38	3.20	106	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFOS	3.20	2.97	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFDA	3.23	3.20	101	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
8:2 FTS	14.7	12.3	120	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFNS	3.14	3.08	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
MeFOSAA	3.25	3.20	102	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
EtFOSAA	3.06	3.20	95.5	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFUnA	3.24	3.20	101	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFDS	3.12	3.09	101	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFDoA	3.72	3.20	116	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
MeFOSA	3.63	3.20	113	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFTrDA	3.45	3.20	108	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
PFTeDA	3.58	3.20	112	40 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	91.4	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C5-PFPeA	IS	88.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C2-4:2 FTS	IS	90.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C3-PFBS	IS	89.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C5-PFHxA	IS	91.7	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C4-PFHpA	IS	89.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C2-6:2 FTS	IS	88.6	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C8-PFOA	IS	86.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C3-PFHxS	IS	91.5	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1

ENTHALPY ANALYTICAL

Sample ID: OPR

EPA Method 1633

Client Data

Name: Eastern Analytical, Inc.
Project: 269504 NH 2089
Matrix: Aqueous

Laboratory Data

Lab Sample: B23K124-BS2
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C9-PFNA	IS	91.9	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C2-8:2 FTS	IS	83.1	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C6-PFDA	IS	86.2	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
d3-MeFOSAA	IS	76.7	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C8-PFOS	IS	84.6	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
d5-EtFOSAA	IS	72.6	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C7-PFUnA	IS	76.0	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C8-PFOSA	IS	61.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C2-PFDoA	IS	75.4	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
13C2-PFTeDA	IS	67.8	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1
d3-MeFOSA	IS	32.3	20 - 150		B23K124	16-Nov-23	0.500 L	28-Nov-23 16:36	1

ENTHALPY ANALYTICAL

Sample ID: B-304UR_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-01	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 10:45	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	38.8	11.4		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFPeA	36.5	5.71		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFBS	42.2	2.54		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
4:2 FTS	ND	10.7		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFHxA	62.0	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFPeS	ND	2.68		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFHpA	18.9	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFHxS	ND	2.61		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
6:2 FTS	ND	10.8		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFOA	20.9	3.57		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFHpS	ND	2.71		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFNA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFOSA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFOS	ND	2.66		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFDA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
8:2 FTS	ND	11.0		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFNS	ND	2.75		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
MeFOSAA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
EtFOSAA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFUnA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFDS	ND	2.75		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFDoA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
MeFOSA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFTrDA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
PFTeDA	ND	2.86		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	86.4	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C5-PFPeA	IS	86.9	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C2-4:2 FTS	IS	83.8	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C3-PFBS	IS	76.7	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C5-PFHxA	IS	89.9	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C4-PFHpA	IS	85.0	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C2-6:2 FTS	IS	83.0	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C8-PFOA	IS	77.1	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C3-PFHxS	IS	81.8	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C9-PFNA	IS	83.4	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C2-8:2 FTS	IS	75.7	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1

ENTHALPY ANALYTICAL

Sample ID: B-304UR_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-01	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 10:45	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	80.6	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
d3-MeFOSAA	IS	82.5	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C8-PFOS	IS	78.9	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
d5-EtFOSAA	IS	69.5	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C7-PFUnA	IS	81.7	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C8-PFOSA	IS	63.9	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C2-PFDoA	IS	71.0	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
13C2-PFTeDA	IS	61.7	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1
d3-MeFOSA	IS	30.5	20 - 150		B23K124	16-Nov-23	0.280 L	28-Nov-23 20:26	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: B-304DR_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-02	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 10:55	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	640		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFPeA	ND	320		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFBS	ND	142		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
4:2 FTS	ND	600		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFHxA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFPeS	ND	150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFHpA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFHxS	ND	146		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
6:2 FTS	ND	607		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFOA	ND	200		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFHpS	ND	152		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFNA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFOSA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFOS	ND	149		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFDA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
8:2 FTS	ND	614		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFNS	ND	154		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
MeFOSAA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
EtFOSAA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFUnA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFDS	ND	154		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFDoA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
MeFOSA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFTrDA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
PFTeDA	ND	160		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	88.5	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C5-PFPeA	IS	85.6	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C2-4:2 FTS	IS	80.0	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C3-PFBS	IS	79.7	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C5-PFHxA	IS	82.6	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C4-PFHpA	IS	82.2	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C2-6:2 FTS	IS	85.0	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C8-PFOA	IS	81.5	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C3-PFHxS	IS	85.7	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C9-PFNA	IS	86.0	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C2-8:2 FTS	IS	78.1	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1

ENTHALPY ANALYTICAL

Sample ID: B-304DR_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-02	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 10:55	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	79.5	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
d3-MeFOSAA	IS	82.2	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C8-PFOS	IS	79.9	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
d5-EtFOSAA	IS	79.7	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C7-PFUnA	IS	81.7	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C8-PFOSA	IS	64.0	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C2-PFDoA	IS	81.6	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
13C2-PFTeDA	IS	78.5	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1
d3-MeFOSA	IS	37.6	20 - 150		B23K124	16-Nov-23	0.00500 L	28-Nov-23 20:40	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: MW-604_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-03	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 12:43	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	88.9		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFPeA	ND	44.4		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFBS	ND	19.7		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
4:2 FTS	ND	83.3		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFHxA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFPeS	ND	20.8		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFHpA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFHxS	ND	20.3		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
6:2 FTS	ND	84.3		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFOA	ND	27.8		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFHpS	ND	21.1		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFNA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFOSA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFOS	ND	20.7		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFDA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
8:2 FTS	ND	85.3		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFNS	ND	21.4		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
MeFOSAA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
EtFOSAA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFUnA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFDS	ND	21.4		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFDoA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
MeFOSA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFTrDA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
PFTeDA	ND	22.2		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	86.1	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C5-PFPeA	IS	81.9	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C2-4:2 FTS	IS	83.5	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C3-PFBS	IS	81.5	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C5-PFHxA	IS	79.9	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C4-PFHpA	IS	83.1	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C2-6:2 FTS	IS	81.2	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C8-PFOA	IS	83.4	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C3-PFHxS	IS	87.4	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C9-PFNA	IS	84.9	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C2-8:2 FTS	IS	79.1	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1

ENTHALPY ANALYTICAL

Sample ID: MW-604_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-03	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 12:43	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	83.4	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
d3-MeFOSAA	IS	80.0	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C8-PFOS	IS	77.8	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
d5-EtFOSAA	IS	76.0	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C7-PFUnA	IS	83.1	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C8-PFOSA	IS	76.5	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C2-PFDoA	IS	82.2	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
13C2-PFTeDA	IS	79.1	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1
d3-MeFOSA	IS	30.3	20 - 150		B23K124	16-Nov-23	0.0360 L	28-Nov-23 20:53	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: MW-701_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-04	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 15:10	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	6.99	6.45		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFPeA	9.14	3.22		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFBS	4.29	1.43		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
4:2 FTS	ND	6.05		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFHxA	11.7	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFPeS	ND	1.51		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFHpA	2.19	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFHxS	ND	1.47		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
6:2 FTS	ND	6.12		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFOA	4.35	2.02		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFHpS	ND	1.53		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFNA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFOSA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFOS	3.65	1.50		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFDA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
8:2 FTS	ND	6.19		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFNS	ND	1.55		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
MeFOSAA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
EtFOSAA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFUnA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFDS	ND	1.55		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFDoA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
MeFOSA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFTrDA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
PFTeDA	ND	1.61		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	82.8	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C5-PFPeA	IS	81.5	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C2-4:2 FTS	IS	84.3	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C3-PFBS	IS	80.5	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C5-PFHxA	IS	83.0	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C4-PFHpA	IS	76.1	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C2-6:2 FTS	IS	79.3	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C8-PFOA	IS	79.8	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C3-PFHxS	IS	77.7	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C9-PFNA	IS	81.2	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C2-8:2 FTS	IS	68.0	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1

ENTHALPY ANALYTICAL

Sample ID: MW-701_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-04	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 15:10	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	75.4	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
d3-MeFOSAA	IS	68.6	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C8-PFOS	IS	82.2	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
d5-EtFOSAA	IS	68.9	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C7-PFUnA	IS	77.0	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C8-PFOSA	IS	57.0	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C2-PFDoA	IS	67.8	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
13C2-PFTeDA	IS	62.3	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1
d3-MeFOSA	IS	27.0	20 - 150		B23K124	16-Nov-23	0.496 L	29-Nov-23 13:27	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: B-918M_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-05	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 13:35	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	6.31		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFPeA	ND	3.15		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFBS	ND	1.40		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
4:2 FTS	ND	5.91		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFHxA	3.38	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFPeS	ND	1.48		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFHpA	2.49	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFHxS	1.51	1.44		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
6:2 FTS	ND	5.98		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFOA	6.06	1.97		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFHpS	ND	1.50		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFNA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFOSA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFOS	2.10	1.47		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFDA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
8:2 FTS	ND	6.05		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFNS	ND	1.52		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
MeFOSAA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
EtFOSAA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFUnA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFDS	ND	1.52		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFDoA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
MeFOSA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFTrDA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
PFTeDA	ND	1.58		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	83.7	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C5-PFPeA	IS	84.8	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C2-4:2 FTS	IS	76.2	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C3-PFBS	IS	71.8	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C5-PFHxA	IS	80.8	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C4-PFHpA	IS	78.3	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C2-6:2 FTS	IS	76.0	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C8-PFOA	IS	77.1	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C3-PFHxS	IS	76.9	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C9-PFNA	IS	81.7	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C2-8:2 FTS	IS	75.4	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1

ENTHALPY ANALYTICAL

Sample ID: B-918M_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-05	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 13:35	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	69.0	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
d3-MeFOSAA	IS	68.3	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C8-PFOS	IS	72.5	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
d5-EtFOSAA	IS	62.7	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C7-PFUnA	IS	72.0	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C8-PFOSA	IS	60.0	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C2-PFDoA	IS	68.5	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
13C2-PFTeDA	IS	60.3	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1
d3-MeFOSA	IS	26.2	20 - 150		B23K124	16-Nov-23	0.508 L	28-Nov-23 21:07	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: B-928U_20231106 **EPA Method 1633**

Client Data

Name: Eastern Analytical, Inc.
Project: 269504 NH 2089
Location: 269504
Matrix: Aqueous
Date Collected: 06-Nov-23 12:25

Laboratory Data

Lab Sample: 2311105-06
Date Received: 10-Nov-23 10:55
Column: BEH C18

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	7.84	6.64		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFPeA	8.95	3.32		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFBS	7.84	1.47		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
4:2 FTS	ND	6.22		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFHxA	11.5	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFPeS	ND	1.56		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFHpA	7.18	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFHxS	ND	1.51		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
6:2 FTS	ND	6.29		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFOA	15.3	2.07		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFHpS	ND	1.58		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFNA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFOSA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFOS	ND	1.54		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFDA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
8:2 FTS	ND	6.37		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFNS	ND	1.60		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
MeFOSAA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
EtFOSAA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFUnA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFDS	ND	1.60		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFDoA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
MeFOSA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFTrDA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
PFTeDA	ND	1.66		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	85.0	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C5-PFPeA	IS	84.9	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C2-4:2 FTS	IS	80.3	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C3-PFBS	IS	79.0	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C5-PFHxA	IS	84.6	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C4-PFHpA	IS	80.5	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C2-6:2 FTS	IS	81.2	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C8-PFOA	IS	72.8	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C3-PFHxS	IS	80.6	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C9-PFNA	IS	81.2	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C2-8:2 FTS	IS	74.3	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1

ENTHALPY ANALYTICAL

Sample ID: B-928U_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-06	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 12:25	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	80.8	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
d3-MeFOSAA	IS	76.8	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C8-PFOS	IS	78.5	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
d5-EtFOSAA	IS	67.1	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C7-PFUnA	IS	79.6	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C8-PFOSA	IS	62.5	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C2-PFDoA	IS	70.4	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
13C2-PFTeDA	IS	59.8	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1
d3-MeFOSA	IS	29.6	20 - 150		B23K124	16-Nov-23	0.482 L	28-Nov-23 21:21	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: B-928D_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-07	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 12:00	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	2130		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFPeA	ND	1070		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFBS	ND	473		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
4:2 FTS	ND	2000		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFHxA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFPeS	ND	500		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFHpA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFHxS	ND	487		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
6:2 FTS	ND	2020		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFOA	ND	667		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFHpS	ND	507		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFNA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFOSA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFOS	ND	497		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFDA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
8:2 FTS	ND	2050		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFNS	ND	513		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
MeFOSAA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
EtFOSAA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFUnA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFDS	ND	513		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFDoA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
MeFOSA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFTrDA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
PFTeDA	ND	533		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	97.8	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C5-PFPeA	IS	94.1	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C2-4:2 FTS	IS	88.5	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C3-PFBS	IS	91.3	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C5-PFHxA	IS	93.1	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C4-PFHpA	IS	92.0	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C2-6:2 FTS	IS	94.1	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C8-PFOA	IS	99.7	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C3-PFHxS	IS	97.6	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C9-PFNA	IS	93.3	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C2-8:2 FTS	IS	92.0	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1

ENTHALPY ANALYTICAL

Sample ID: B-928D_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-07	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 12:00	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	92.5	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
d3-MeFOSAA	IS	95.1	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C8-PFOS	IS	96.8	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
d5-EtFOSAA	IS	93.2	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C7-PFUnA	IS	98.0	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C8-PFOSA	IS	85.1	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C2-PFDoA	IS	97.9	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
13C2-PFTeDA	IS	89.5	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1
d3-MeFOSA	IS	55.9	20 - 150		B23K124	16-Nov-23	0.00150 L	28-Nov-23 21:34	1

RL - Reporting limit Results reported to RL.

ENTHALPY ANALYTICAL

Sample ID: FB-PFAS-01_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-08	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 15:15	Date Received:	10-Nov-23 10:55		
Location:	269504						

Analyte	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	ND	6.52		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFPeA	ND	3.26		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFBS	ND	1.45		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
4:2 FTS	ND	6.11		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFHxA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFPeS	ND	1.53		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFHpA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFHxS	ND	1.49		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
6:2 FTS	ND	6.18		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFOA	ND	2.04		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFHpS	ND	1.55		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFNA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFOSA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFOS	ND	1.52		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFDA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
8:2 FTS	ND	6.26		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFNS	ND	1.57		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
MeFOSAA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
EtFOSAA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFUnA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFDS	ND	1.57		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFDoA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
MeFOSA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFTrDA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
PFTeDA	ND	1.63		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C4-PFBA	IS	87.2	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C5-PFPeA	IS	83.0	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C2-4:2 FTS	IS	79.4	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C3-PFBS	IS	82.7	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C5-PFHxA	IS	81.6	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C4-PFHpA	IS	81.0	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C2-6:2 FTS	IS	78.7	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C8-PFOA	IS	87.6	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C3-PFHxS	IS	81.8	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C9-PFNA	IS	85.5	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C2-8:2 FTS	IS	81.4	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1

ENTHALPY ANALYTICAL

Sample ID: FB-PFAS-01_20231106 **EPA Method 1633**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2311105-08	Column:	BEH C18
Project:	269504 NH 2089	Date Collected:	06-Nov-23 15:15	Date Received:	10-Nov-23 10:55		
Location:	269504						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C6-PFDA	IS	83.8	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
d3-MeFOSAA	IS	77.1	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C8-PFOS	IS	79.3	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
d5-EtFOSAA	IS	64.2	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C7-PFUnA	IS	86.1	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C8-PFOSA	IS	59.7	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C2-PFDoA	IS	82.1	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
13C2-PFTeDA	IS	70.2	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1
d3-MeFOSA	IS	35.0	20 - 150		B23K124	16-Nov-23	0.491 L	28-Nov-23 21:48	1

RL - Reporting limit Results reported to RL.

DATA QUALIFIERS & ABBREVIATIONS
For EPA 1633

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
I	Ion transition ratio is outside of the acceptance criteria.
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	Recovery and/or RPD was outside laboratory acceptance limits
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses ½ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Enthalpy Analytical - EDH Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	21-023-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2020018
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	2211390
Nevada Division of Environmental Protection	CA00413
New Hampshire Environmental Accreditation Program	207721
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Ohio Environmental Protection Agency	87778
Oregon Laboratory Accreditation Program	4042-021
Texas Commission on Environmental Quality	T104704189-22-13
Vermont Department of Health	VT-4042
Virginia Department of General Services	11276
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters can be found at Enthalpy.com/Resources/Accreditations.

CHAIN-OF-CUSTODY RECORD

2311105

Eastern Analytical, Inc.
professional laboratory and drilling services

EAI ID# 269504 Page 1

Sample ID	Date Sampled	Matrix	aParameters	1.3°C Sample Notes
B-304UR_20231106	11/6/2023 10:45	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
B-304DR_20231106	11/6/2023 10:55	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
MW-604_20231106	11/6/2023 12:43	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
MW-701_20231106	11/6/2023 15:10	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	

EAI ID# 269504 **Project State: NH**
Project ID: 2089

Company Vista Analytical Laboratory
Address 1104 Windfield Way
Address El Dorado Hills, CA 95762
Account #
Phone # (916) 673-1520

Results Needed: Preferred Date: Standard
RUSH Due Date: _____

QC Deliverables
☐ A ☐ A+ ☒ B ☐ B+ ☐ C ☐ MA MCP

Notes about project:
Email login confirmation, pdf of results and invoice to customerservice@easternanalytical.com.

Please report Sulfonic Acids
PFAS by Method 1633
(Compound List attached)
Report to RL (no J-flags)

PO #:61149 **EAI ID# 269504**

Data Deliverable (circle)
Excel NH EMD EQuIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: _____

Relinquished by	Date/Time	Received by
UPS	11/10/23 1055	
Relinquished by	Date/Time	Received by

As a subcontract lab to EAI, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentiona acts or omissions of you as a subcontract lab, your officers, agents or employees

CHAIN-OF-CUSTODY RECORD

2311105

Eastern Analytical, Inc.
professional laboratory and drilling services

EAI ID# 269504 Page 2

Sample ID	Date Sampled	Matrix	aParameters	Sample Notes
B-918M_20231106	11/6/2023 13:35	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
B-928U_20231106	11/6/2023 12:25	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
B-928D_20231106	11/6/2023 12:00	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	
FB-PFAS-01_20231106	11/6/2023 15:15	aqueous	Subcontract - PFAS EPA Method 1633 (VAL)	

EAI ID# 269504 **Project State: NH**
Project ID: 2089

Company Vista Analytical Laboratory
Address 1104 Windfield Way
Address El Dorado Hills, CA 95762
Account #
Phone # (916) 673-1520

Results Needed: Preferred Date: Standard
RUSH Due Date: _____

QC Deliverables
☐ A ☐ A+ ☒ B ☐ B+ ☐ C ☐ MA MCP

Notes about project:
Email login confirmation, pdf of results and invoice to customerservice@easternanalytical.com.

Please report Sulfonic Acids
PFAS by Method 1633
(Compound List attached)
Report to RL (no J-flags)

PO #:61149 **EAI ID# 269504**

Data Deliverable (circle)
Excel NH EMD EQuIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: _____ 11/9/23 1600 UPS

Relinquished by	Date/Time	Received by
UPS	11/10/23 1055	
Relinquished by	Date/Time	Received by

Eastern Analytical, Inc. 51 Antrim Ave Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 customerservice@easternanalytical.com

As a subcontract lab to EAI, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentiona acts or omissions of you as a subcontract lab, your officers, agents or employees

PFAS DoD 25 Compounds

Analyte Name	CAS #	Analyte
4:2 Fluorotelomer sulfonate	757124-72-4	4:2-FTS
6:2 Fluorotelomer sulfonate	27619-97-2	6:2-FTS
8:2 Fluorotelomer sulfonate	39108-34-4	8:2-FTS
N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NEtFOSAA
N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9	NMeFOSAA
Perfluorooctanesulfonic acid	1763-23-1	PFOS
Perfluorobutanesulfonic acid	375-73-5	PFBS
Perfluorobutanoic acid	375-22-4	PFBA
Perfluorodecanesulfonic acid	335-77-3	PFDS
Perfluorodecanoic acid	335-76-2	PFDA
Perfluorododecanoic acid	307-55-1	PFDoA
Perfluoroheptanesulfonic acid	375-92-8	PFHpS
Perfluoroheptanoic acid	375-85-9	PFHpA
Perfluorohexanesulfonoic acid	355-46-4	PFHxS
Perfluorohexanoic acid	307-24-4	PFHxA
Perfluorononane sulfonic acid	68259-12-1	PFNS
Perfluorononaoic acid	375-95-1	PFNA
Perfluorooctanoic acid	335-67-1	PFOA
Perfluoropentane sulfonic acid	2706-91-4	PFPeS
Perfluoropentanoic acid	2706-90-3	PFPeA
Perfluorotetradecanoic acid	376-06-7	PFTeDA
Perfluorotridecanoic acid	72629-94-8	PFTrDA
Perfluoroundecanoic acid	2058-94-8	PFUnA/PFUdA
N-methylperfluorooctanesulfonamide	31506-32-8	N-MeFOSA
Perfluorooctanesulfonamide	754-91-6	PFOSA

Sample Log-In Checklist

ENTHALPY ANALYTICAL

Page # _____ of _____

Work Order #: 2311105 TAT std.

Samples Arrival:	Date/Time 11/10/23 1055		Initials: WWS		Location: WR-2 Shelf/Rack: N/A		
Delivered By:	FedEx	UPS	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Techni Ice	Dry Ice	None
Temp °C: 1.3 (uncorrected)	Probe used: Y / N		Thermometer ID: IR-4				
Temp °C: 1.3 (corrected)							

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?	✓		
Airbill 2 of 2 Trk # 1Z X46 599 01 9380 2276	✓		
Shipping Documentation Present?	✓		
Shipping Container: Enthalpy / Client / Retain / Return / Dispose			
Chain of Custody / Sample Documentation Present?	✓		
Chain of Custody / Sample Documentation Complete?	✓		
Holding Time Acceptable?	✓		

Logged In:	Date/Time 11/13/23 1202	Initials: WWS	Location: R-13, WF-2 Shelf/Rack: B-2, D-5
COC Anomaly/Sample Acceptance Form completed?	✓	X	

11/13/23

Comments:

CoC/Label Reconciliation Report WO# 2311105

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2311105-01	A B-304UR_20231106	☐	269504	06-Nov-23 10:45	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-01	B B-304UR_20231106	☐	269504	06-Nov-23 10:45	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-01	C B-304UR_20231106	☐	269504	06-Nov-23 10:45	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-02	A B-304DR_20231106	☐	269504	06-Nov-23 10:55	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-02	B B-304DR_20231106	☐	269504	06-Nov-23 10:55	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-02	C B-304DR_20231106	☐	269504	06-Nov-23 10:55	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-03	A MW-604_20231106	☐	269504	06-Nov-23 12:43	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-03	B MW-604_20231106	☐	269504	06-Nov-23 12:43	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-03	C MW-604_20231106	☐	269504	06-Nov-23 12:43	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-04	A MW-701_20231106	☐	269504	06-Nov-23 15:10	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-04	B MW-701_20231106	☐	269504	06-Nov-23 15:10	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-04	C MW-701_20231106	☐	269504	06-Nov-23 15:10	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-05	A B-918M_20231106	☐	269504	06-Nov-23 13:35	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-05	B B-918M_20231106	☐	269504	06-Nov-23 13:35	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-05	C B-918M_20231106	☐	269504	06-Nov-23 13:35	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-06	A B-928U_20231106	☐	269504	06-Nov-23 12:25	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-06	B B-928U_20231106	☐	269504	06-Nov-23 12:25	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-06	C B-928U_20231106	☐	269504	06-Nov-23 12:25	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-07	A B-928D_20231106	☐	269504	06-Nov-23 12:00	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-07	B B-928D_20231106	☐	269504	06-Nov-23 12:00	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-07	C B-928D_20231106	☐	269504	06-Nov-23 12:00	☑	HDPE Bottle, 125 mL	Aqueous	
2311105-08	A FB-PFAS-01_20231106	☐	269504	06-Nov-23 15:15	☑	HDPE Bottle, 500 mL	Aqueous	
2311105-08	B FB-PFAS-01_20231106	☐	269504	06-Nov-23 15:15	☑	HDPE Bottle, 500 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?			
Sample Custody Seals Intact?			
Adequate Sample Volume?			
Container Type Appropriate for Analysis(es)			

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 (None) Other

Comments: (A) Underlined part not present on sample label.
(B) ~ 20% particulate
(C) ~ 10% particulate

Verifed by/Date: JM 11/15/23

ENTHALPY ANALYTICAL

ANOMALY FORM

Work Order # 2311105

Initial/Date		The following checked issues were noted during sample receipt and login:
_____	☐	**1. The samples were received out of temperature at (WI-PHT):** _____ Was Ice present: Yes No Melted Blue Ice
_____	☐	2. The Chain-of-Custody (CoC) was not relinquished properly.
_____	☐	3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
_____	☐	4. The sample(s) did not include a sample collection time. All or Sample Name: _____
11/15/23	☑	5. A sample ID discrepancy was found. See the Reconciliation report. The CoC Sample ID will be used unless notified otherwise.
_____	☐	6. A sample date and/or time discrepancy was found. See the Reconciliation report. The CoC Sample date/time will be used unless notified otherwise.
_____	☐	**7. The CoC did not include a sample matrix. The following sample matrix will be used:** _____
_____	☐	**8. Insufficent volume received for analysis. All or Sample Name:** _____
_____	☐	9. The backup bottle was received broken. Sample Name: _____
_____	☐	**10. CoC not received, illegible or destroyed.**
_____	☐	**11. The sample(s) were received out of holding time. All or Sample Name:** _____
_____	☐	**12. The CoC did not include an analysis. All or Sample Name:** _____
_____	☐	**13. Sample(s) received without collection date. All or Sample Name:** _____
_____	☐	**14. Sample(s) not received. All or Sample Name:** _____
_____	☐	**15. Sample(s) received broken. All or Sample Name:** _____
_____	☐	**16. An incorrect container-type was used. All or Sample Name:** _____
_____	☐	17. The Field Reagent Blank (FRB) preservative was from a different lot than the field samples. Will proceed with analysis and narrate unless notified otherwise.
_____	☐	18. Other:

Bolded items require sign-off

Client Contacted: _____

Date of Contact: _____

Lab Project Manager: _____

Resolution:

Chain-of-Custody Record

Page 1 of 1

269504

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	Analyses Requested: PFAS- 1633 - DoD 25 Compound List	Field Turbidity (NTU)	# of Containers	NOTES MeOH Vial #
B-304UR_20231106	11/6/23 1045	GW	G	X		3	
B-304DR_20231106	11/6/23 1055	GW	G	X		3	
MW-604_20231106	11/6/23 1243	GW	G	X		3	
MW-701_20231106	11/6/23 1510	GW	G	X		3	
B-918M_20231106	11/6/23 1335	GW	G	X		3	
B-928U_20231106	11/6/23 1225	GW	G	X		3	
B-928D_20231106	11/6/23 1200	GW	G	X		3	
FB-PFAS-01_20221106	11/6/23 1515	Aq	G	X		2	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous; L-Leachate Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3				ICE			

Project Manager: M. Estabrooks / T. White

Company: Sanborn, Head & Associates, Inc.

Address: 6 Bedford Farms Drive, Suite 201

City: Bedford State: NH Zip: 03110

Phone 603-229-1900 Ext.:

Fax: 603-229-1919

E-Mail: mestabrooks.sanbornhead.com

Site Name: NCES | PFAS

Project # 2637.10

State: NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed:

QA/QC

Reporting Level

A **B** C

or

Presumptive Certainty

Reporting Options

Prelims: Yes or No

If Yes: Fax or PDF

Electonic Options

No Fax | E-Mail | PDF | Equis

Temp. 0.6 °C ice

Metals: **Samples Field Filtered:**

A:

B:

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Diff

Bill NCES.
Sub Enthalpy
1) Please Report Sulfonic Acids
2) PFAS by Method 1633 (Compound List Attached)
3) Report to RL (no J-flags)

Sampler(s): PJP, GWB, GAP

Relinquished By:	Date:	Time:	Received By:
	11/6/23	1805	
	11/7/23	0845	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Suspected Contamination:

Field Readings:

Eastern Analytical, Inc. services

51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Eastern Analytical, Inc.
professional laboratory and drilling services

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford , NH 03110

Laboratory Report for:

Eastern Analytical, Inc. ID: 269613
Client Identification: NCES | Groundwater | 2637.10
Date Received: 11/8/2023

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Certifications:
Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at www.easternanalytical.com for a copy of our certificates and accredited parameters.

References:
- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director — 11.20.23 Date

SAMPLE CONDITIONS PAGE

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Temperature upon receipt (°C): 2.0 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
269613.01	MW-802_20231107	11/8/23	11/7/23 10:19	aqueous		Adheres to Sample Acceptance Policy
269613.02	MW-803_20231107	11/8/23	11/7/23 10:25	aqueous		Adheres to Sample Acceptance Policy
269613.03	DUP-2_20231107	11/8/23	11/7/23 10:25	aqueous		Adheres to Sample Acceptance Policy
269613.04	B-924U_20231107	11/8/23	11/7/23 08:41	aqueous		Adheres to Sample Acceptance Policy
269613.05	B-929U_20231107	11/8/23	11/7/23 08:28	aqueous		Adheres to Sample Acceptance Policy
269613.06	B-930U_20231107	11/8/23	11/7/23 09:20	aqueous		Adheres to Sample Acceptance Policy
269613.07	B-931U_20231107	11/8/23	11/7/23 09:45	aqueous		Adheres to Sample Acceptance Policy
269613.08	TB-02_20231107	11/8/23	11/7/23 12:00	aqueous		Adheres to Sample Acceptance Policy
269613.09	TB-LL-02_20231107	11/8/23	11/7/23 12:00	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-802_20231107	MW-803_20231107	DUP-2_20231107	B-924U_20231107
Lab Sample ID:	269613.01	269613.02	269613.03	269613.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-802_20231107	MW-803_20231107	DUP-2_20231107	B-924U_20231107
Lab Sample ID:	269613.01	269613.02	269613.03	269613.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**86 %R**	**84 %R**	**84 %R**	**83 %R**
1,2-Dichlorobenzene-d4 (surr)	**107 %R**	**108 %R**	**109 %R**	**109 %R**
Toluene-d8 (surr)	**93 %R**	**92 %R**	**92 %R**	**92 %R**
1,2-Dichloroethane-d4 (surr)	**108 %R**	**109 %R**	**111 %R**	**113 %R**

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-929U_20231107	B-930U_20231107	B-931U_20231107	TB-02_20231107
Lab Sample ID:	269613.05	269613.06	269613.07	269613.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/8/23	11/8/23
Analyst:	DGM	DGM	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-929U_20231107	B-930U_20231107	B-931U_20231107	TB-02_20231107
Lab Sample ID:	269613.05	269613.06	269613.07	269613.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/8/23	11/8/23
Analyst:	DGM	DGM	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**83 %R**	**83 %R**	**86 %R**	**87 %R**
1,2-Dichlorobenzene-d4 (surr)	**109 %R**	**109 %R**	**110 %R**	**107 %R**
Toluene-d8 (surr)	**91 %R**	**90 %R**	**104 %R**	**103 %R**
1,2-Dichloroethane-d4 (surr)	**114 %R**	**114 %R**	**113 %R**	**110 %R**

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:** 63835210844

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	17 (87 %R)	17 (83 %R) (6 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	16 (81 %R)	16 (78 %R) (4 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	18 (88 %R)	17 (84 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	17 (83 %R)	16 (78 %R) (6 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	16 (82 %R)	16 (80 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	18 (92 %R)	18 (88 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	17 (85 %R)	17 (85 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	15 (77 %R)	16 (78 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (109 %R)	20 (98 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	90 (90 %R)	87 (87 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	21 (103 %R)	19 (95 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	22 (108 %R)	20 (98 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	19 (96 %R)	18 (90 %R) (6 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (98 %R)	18 (89 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	19 (97 %R)	18 (89 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	19 (93 %R)	19 (93 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	19 (97 %R)	18 (88 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	20 (102 %R)	19 (93 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	21 (104 %R)	19 (94 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (104 %R)	19 (96 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	19 (97 %R)	20 (100 %R) (3 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	21 (106 %R)	20 (98 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (86 %R)	19 (94 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	21 (104 %R)	19 (97 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	20 (101 %R)	19 (94 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	20 (101 %R)	19 (93 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	21 (104 %R)	20 (98 %R) (6 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (101 %R)	19 (94 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (101 %R)	19 (95 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (102 %R)	19 (93 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (100 %R)	19 (93 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (97 %R)	18 (92 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	19 (93 %R)	17 (86 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (108 %R)	< 50 (110 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (88 %R)	17 (84 %R) (5 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	19 (93 %R)	17 (87 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (103 %R)	19 (96 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	21 (103 %R)	19 (97 %R) (6 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	21 (107 %R)	20 (102 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	19 (93 %R)	16 (79 %R) (17 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	22 (109 %R)	20 (99 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (101 %R)	19 (95 %R) (6 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	20 (101 %R)	19 (94 %R) (6 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (103 %R)	20 (98 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	20 (98 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	21 (103 %R)	19 (96 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C

QC REPORT

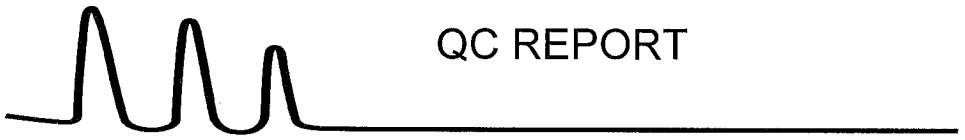
EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:** 63835210844

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	21 (107 %R)	20 (99 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	45 (112 %R)	41 (103 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	21 (105 %R)	19 (97 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	20 (102 %R)	18 (89 %R) (14 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	20 (98 %R)	19 (93 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	20 (102 %R)	19 (93 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	20 (98 %R)	18 (89 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	19 (96 %R)	18 (89 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (95 %R)	18 (88 %R) (8 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	21 (104 %R)	18 (92 %R) (12 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	21 (105 %R)	19 (94 %R) (11 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	21 (107 %R)	19 (96 %R) (11 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	20 (99 %R)	18 (88 %R) (12 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	20 (99 %R)	18 (88 %R) (13 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	22 (109 %R)	19 (97 %R) (11 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	22 (111 %R)	19 (97 %R) (13 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (106 %R)	19 (95 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	21 (107 %R)	19 (93 %R) (13 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	21 (104 %R)	19 (94 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (102 %R)	19 (93 %R) (10 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	22 (109 %R)	19 (97 %R) (12 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	18 (90 %R)	17 (84 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (109 %R)	19 (97 %R) (12 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	24 (119 %R)	22 (108 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	19 (96 %R)	17 (84 %R) (13 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	22 (109 %R)	20 (102 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	24 (118 %R)	22 (108 %R) (9 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	84 %R	100 %R	102 %R	11/9/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	110 %R	95 %R	94 %R	11/9/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	93 %R	97 %R	97 %R	11/9/2023	% Rec	70 - 130		8260C
1,2-Dichloroethane-d4 (surr)	108 %R	100 %R	99 %R	11/9/2023	% Rec	70 - 130		8260C

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.



QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638349-71980/A110723V82603

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	24 (118 %R)	24 (119 %R) (1 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	21 (103 %R)	21 (106 %R) (3 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	19 (97 %R)	20 (99 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	19 (94 %R)	21 (103 %R) (9 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	19 (93 %R)	19 (93 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	19 (95 %R)	19 (95 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	17 (83 %R)	17 (86 %R) (3 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	16 (81 %R)	16 (80 %R) (2 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (105 %R)	21 (105 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	88 (88 %R)	88 (88 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	20 (98 %R)	19 (97 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	19 (93 %R)	18 (92 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	18 (92 %R)	19 (94 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	19 (94 %R)	19 (96 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	19 (97 %R)	20 (100 %R) (3 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	19 (95 %R)	19 (96 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (101 %R)	20 (100 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (105 %R)	21 (104 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	19 (97 %R)	19 (97 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	20 (101 %R)	20 (102 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	17 (86 %R)	17 (86 %R) (0 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (93 %R)	19 (93 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	15 (77 %R)	15 (77 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	19 (96 %R)	19 (96 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	19 (95 %R)	19 (95 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	20 (98 %R)	19 (96 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (101 %R)	20 (101 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	19 (93 %R)	19 (94 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	19 (95 %R)	19 (96 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	19 (95 %R)	19 (97 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	18 (89 %R)	18 (91 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	18 (88 %R)	18 (90 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (77 %R)	< 50 (76 %R) (2 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (89 %R)	18 (89 %R) (0 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	18 (89 %R)	18 (91 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	23 (114 %R)	23 (113 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	21 (107 %R)	22 (109 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	21 (107 %R)	21 (107 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	20 (99 %R)	20 (99 %R) (0 RPD)	11/8/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	22 (109 %R)	22 (108 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (102 %R)	21 (103 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	19 (97 %R)	19 (97 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	20 (101 %R)	20 (101 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (107 %R)	22 (109 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	20 (102 %R)	20 (102 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638349-71980/A110723V82603

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	24 (122 %R)	24 (122 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	51 (128 %R)	51 (127 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	24 (121 %R)	24 (122 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	25 (124 %R)	25 (124 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	20 (98 %R)	19 (97 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	23 (117 %R)	23 (115 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	19 (97 %R)	20 (100 %R) (3 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	19 (97 %R)	20 (98 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (93 %R)	19 (94 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	22 (111 %R)	23 (113 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (109 %R)	22 (111 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (111 %R)	23 (114 %R) (3 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	21 (104 %R)	21 (107 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	21 (105 %R)	21 (107 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	22 (111 %R)	23 (114 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	22 (112 %R)	23 (114 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (104 %R)	21 (107 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	22 (108 %R)	22 (110 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (100 %R)	21 (103 %R) (2 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (102 %R)	21 (104 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	23 (116 %R)	23 (117 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	18 (89 %R)	18 (88 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	20 (101 %R)	20 (101 %R) (0 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	19 (96 %R)	19 (97 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	19 (94 %R)	19 (93 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	21 (104 %R)	21 (104 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	19 (97 %R)	20 (98 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	97 %R	102 %R	102 %R	11/8/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	90 %R	94 %R	94 %R	11/8/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	101 %R	111 %R	108 %R	11/8/2023	% Rec	70 - 130		8260C

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-802_20231107	MW-803_20231107	DUP-2_20231107	B-924U_20231107
Lab Sample ID:	269613.01	269613.02	269613.03	269613.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/8/23	11/8/23	11/8/23	11/9/23
Analyst:	AMF	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**97 %R**	**97 %R**	**98 %R**	**97 %R**
Toluene-d8 (surr)	**100 %R**	**100 %R**	**101 %R**	**100 %R**

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-929U_20231107	B-930U_20231107	B-931U_20231107	TB-LL-02_20231107
Lab Sample ID:	269613.05	269613.06	269613.07	269613.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	AMF	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**97 %R**	**97 %R**	**97 %R**	**98 %R**
Toluene-d8 (surr)	**101 %R**	**101 %R**	**101 %R**	**101 %R**

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638350-49677/A110823DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.6 (92 %R)	4.6 (92 %R) (1 RPD)	11/8/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	98 %R	98 %R	98 %R	11/8/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	101 %R	101 %R	101 %R	11/8/2023	% Rec	70 - 130		8260B

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638351-23091/A110923DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.4 (87 %R)	4.3 (85 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	97 %R	98 %R	98 %R	11/9/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	101 %R	101 %R	101 %R	11/9/2023	% Rec	70 - 130		8260B

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-802_20231107	MW-803_20231107	DUP-2_20231107	B-924U_20231107					
Lab Sample ID:	269613.01	269613.02	269613.03	269613.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23					
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23					
						Analysis			
					Units	Date	Time	Method	Analyst
Bromide	**0.13**	**0.17**	**0.17**	< 0.1	mg/L	11/13/23	10:09	300.0	MNT
Chloride	**27**	**12**	**12**	< 1	mg/L	11/08/23	14:31	4500CIE-11	ALS
Nitrate-N	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	11/08/23	14:31	353.2	ALS
TKN	< 0.5	**2.6**	**2.7**	< 0.5	mg/L	11/13/23	16:27	$4500N_{org}C/NH3D$	GRS
COD	**22**	**96**	**99**	< 10	mg/L	11/08/23	12:00	H8000	JCS

Sample ID:	B-929U_20231107	B-930U_20231107	B-931U_20231107					
Lab Sample ID:	269613.05	269613.06	269613.07					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	11/7/23	11/7/23	11/7/23					
Date Received:	11/8/23	11/8/23	11/8/23					
					Analysis			
				Units	Date	Time	Method	Analyst
Bromide	< 0.1	< 0.1	< 0.1	mg/L	11/13/23	11:06	300.0	MNT
Chloride	**1.4**	< 1	**1.7**	mg/L	11/08/23	14:51	4500CIE-11	ALS
Nitrate-N	**3.0**	< 0.5	< 0.5	mg/L	11/08/23	14:51	353.2	ALS
TKN	< 0.5	< 0.5	< 0.5	mg/L	11/13/23	16:52	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	mg/L	11/08/23	12:00	H8000	JCS

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (99 %R)	2.1 (104 %R) (5 RPD)	mg/L	11/13/23	90 - 110	20	300.0
Chloride	< 1	26 (103 %R)	27 (106 %R) (3 RPD)	mg/L	11/8/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.2 (105 %R)	5.1 (102 %R) (2 RPD)	mg/L	11/8/23	90 - 110	20	353.2
TKN	< 0.5	9.7 (97 %R)	10 (103 %R) (6 RPD)	mg/L	11/13/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	100 (100 %R)	96 (96 %R) (4 RPD)	mg/L	11/8/23	85 - 115	20	H8000

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

LABORATORY REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-802_20231107	MW-803_20231107	DUP-2_20231107	B-931U_20231107					
Lab Sample ID:	269613.01	269613.02	269613.03	269613.07					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/7/23	11/7/23	11/7/23	11/7/23					
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Arsenic	**0.020**	**0.067**	**0.070**	< 0.0005	AqDis	mg/L	11/9/23	200.8	DS
Iron	**15**	**62**	**68**	< 0.05	AqDis	mg/L	11/9/23	200.8	DS
Manganese	**2.5**	**8.1**	**9.2**	< 0.005	AqDis	mg/L	11/9/23	200.8	DS

Sample ID:	B-924U_20231107	B-929U_20231107	B-930U_20231107					
Lab Sample ID:	269613.04	269613.05	269613.06					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	11/7/23	11/7/23	11/7/23					
Date Received:	11/8/23	11/8/23	11/8/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	< 0.05	AqDis	mg/L	11/9/23	200.8	DS
Manganese	< 0.005	< 0.005	**0.0067**	AqDis	mg/L	11/9/23	200.8	DS

QC REPORT

EAI ID#: **269613**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD		Units	Date of Analysis	Limits	RPD	Method
Arsenic	< 0.0005	0.20 (99 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8
Iron	< 0.05	9.9 (99 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8
Manganese	< 0.005	0.20 (99 %R)		NA	mg/L	11/9/23	85 - 115	20	200.8

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Page 1 of 1

Chain-of-Custody Record

269613

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	Analyses Requested: VOCs 8260B	Low Level 1,4-Dioxane	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
MW-802_20231107	11/7/23 1019	GW	G	X	X	X	X		X		7	
MW-803_20231107	11/7/23 1025	GW	G	X	X	X	X		X		7	
DUP-2_20231107	11/7/23 1025	GW	G	X	X	X	X		X		7	
B-924U_20231107	11/7/23 0841	GW	G	X	X	X	X	X			7	
B-929U_20231107	11/7/23 0828	GW	G	X	X	X	X	X			7	
B-930U_20231107	11/7/23 0920	GW	G	X	X	X	X	X			7	
B-931U_20231107	11/7/23 0945	GW	G	X	X	X	X		X		7	
TB-~~GW~~-02_20231107	11/7/23 1200	AQ	-	X							2	GW TBs to be applied to both SDGs
TB-LL-~~GW~~-02_20231107	11/7/23 1200	AQ	-		X						2	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3				H	Ice	S	Ice	N	N	Ice		

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	6 Bedford Farms Drive, Suite 201
City:	Bedford State: NH Zip: 03110
Phone	603-229-1900 Ext.:
Fax:	603-229-1919
E-Mail:	mestabrooks@sanbornhead.com
Site Name:	NCES | Groundwater
Project #	2637.10
State:	NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed: Standard TAT

Temp: 2.0 °C

Ice? Yes / No

QA/QC

Reporting Level

A **B** C

or

Presumptive Certainty

Reporting Options

Prelims: Yes or No

If Yes: Fax or PDF

Electonic Options

No Fax | E-Mail | PDF | Equis

Metals: Lists Below **Samples Field Filtered:** YES

A: Fe, Mn

B: Fe, Mn, As

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Different)

Trip blank(s) prepared by EAI.

Sampler(s): PJP, GWB

Relinquished By:	Date:	Time:	Received By:
[signature]	11/7/23	1700	
Relinquished By:	Date:	Time:	Received By:
[signature]	11/8/23	0840	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Bill NCES.

*Report 1,4-dioxane to 0.25 ug/l RL

*Hold Final report until EQuIS EDD ready.

Site History:

Suspected Contamination:

Field Readings:

Eastern Analytical, Inc.
Professional laboratory & drilling services
51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Eastern Analytical, Inc.

professional laboratory and drilling services

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford , NH 03110

Laboratory Report for:

Eastern Analytical, Inc. ID: 269648
Client Identification: NCES | Groundwater | 2637.10
Date Received: 11/8/2023

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Certifications:
Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at www.easternanalytical.com for a copy of our certificates and accredited parameters.

References:
- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director — 11.20.23 Date

SAMPLE CONDITIONS PAGE

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Temperature upon receipt (°C): 5.3 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled		Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
269648.01	B-103S_20231108	11/8/23	11/8/23	07:55	aqueous		Adheres to Sample Acceptance Policy
269648.02	B-103D_20231108	11/8/23	11/8/23	08:05	aqueous		Adheres to Sample Acceptance Policy
269648.03	B-916U_20231108	11/8/23	11/8/23	08:43	aqueous		Adheres to Sample Acceptance Policy
269648.04	B-916M_20231108	11/8/23	11/8/23	08:45	aqueous		Adheres to Sample Acceptance Policy
269648.05	B-917U_20231108	11/8/23	11/8/23	09:30	aqueous		Adheres to Sample Acceptance Policy
269648.06	B-909_20231108	11/8/23	11/8/23	09:43	aqueous		Adheres to Sample Acceptance Policy
269648.07	TB-GW-03_20231108	11/8/23	11/8/23	10:30	aqueous		Adheres to Sample Acceptance Policy
269648.08	TB-LL-GW-03_20231108	11/8/23	11/8/23	10:30	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20231108	B-103D_20231108	B-916U_20231108	B-916M_20231108
Lab Sample ID:	269648.01	269648.02	269648.03	269648.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20231108	B-103D_20231108	B-916U_20231108	B-916M_20231108
Lab Sample ID:	269648.01	269648.02	269648.03	269648.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**86 %R**	**83 %R**	**83 %R**	**83 %R**
1,2-Dichlorobenzene-d4 (surr)	**97 %R**	**107 %R**	**107 %R**	**110 %R**
Toluene-d8 (surr)	**101 %R**	**100 %R**	**101 %R**	**101 %R**
1,2-Dichloroethane-d4 (surr)	**121 %R**	**127 %R**	**123 %R**	**124 %R**

mp-Xylene, Styrene exhibited recovery above acceptance limits in the Quality Control sample(s).

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-917U_20231108	B-909_20231108	TB-GW-03_20231108
Lab Sample ID:	269648.05	269648.06	269648.07
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/11/23	11/9/23
Analyst:	SG	DGM	SG
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2
Acetone	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1
Benzene	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-917U_20231108	B-909_20231108	TB-GW-03_20231108
Lab Sample ID:	269648.05	269648.06	269648.07
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/11/23	11/9/23
Analyst:	SG	DGM	SG
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1
Ethylbenzene	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1
Styrene	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**82 %R**	**83 %R**	**83 %R**
1,2-Dichlorobenzene-d4 (surr)	**112 %R**	**111 %R**	**111 %R**
Toluene-d8 (surr)	**102 %R**	**94 %R**	**100 %R**
1,2-Dichloroethane-d4 (surr)	**123 %R**	**111 %R**	**124 %R**

B-917U_20231108, TB-GW-03_20231108: mp-Xylene, Styrene exhibited recovery above acceptance limits in the Quality Control sample(s).

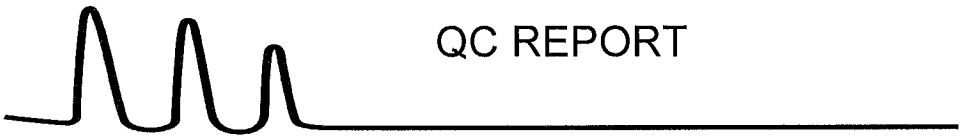
QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:** 63835575310

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	16 (80 %R)	17 (83 %R) (4 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	14 (72 %R)	15 (74 %R) (3 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	16 (82 %R)	17 (85 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	13 (63 %R)	13 (66 %R) (5 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	16 (79 %R)	16 (81 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	17 (86 %R)	18 (88 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	17 (86 %R)	17 (85 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	16 (79 %R)	16 (79 %R) (0 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (103 %R)	22 (108 %R) (5 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	88 (88 %R)	87 (87 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	20 (98 %R)	20 (102 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	20 (99 %R)	21 (104 %R) (6 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	19 (97 %R)	20 (98 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (101 %R)	21 (103 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	20 (99 %R)	21 (106 %R) (6 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	19 (96 %R)	20 (99 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	19 (93 %R)	19 (97 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	20 (102 %R)	20 (102 %R) (0 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	17 (85 %R)	18 (90 %R) (6 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	20 (100 %R)	21 (104 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	20 (98 %R)	19 (96 %R) (2 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (87 %R)	17 (87 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (100 %R)	21 (103 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	19 (96 %R)	20 (101 %R) (5 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	19 (94 %R)	20 (99 %R) (5 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	20 (100 %R)	21 (106 %R) (5 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (101 %R)	21 (104 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (99 %R)	20 (101 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (98 %R)	20 (102 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	19 (97 %R)	20 (100 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (95 %R)	19 (97 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	18 (88 %R)	18 (91 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (106 %R)	< 50 (107 %R) (1 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	19 (95 %R)	19 (93 %R) (2 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	18 (90 %R)	19 (93 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (104 %R)	21 (107 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	20 (99 %R)	20 (101 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	21 (103 %R)	21 (105 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	19 (95 %R)	19 (95 %R) (0 RPD)	11/11/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	20 (102 %R)	21 (105 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (98 %R)	20 (99 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	19 (93 %R)	19 (95 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	20 (100 %R)	20 (101 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (103 %R)	21 (106 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	19 (96 %R)	20 (99 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C



QC REPORT

EAI ID#: **269648**

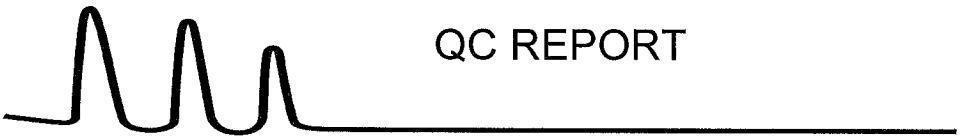
Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63835575310

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	21 (106 %R)	22 (110 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	46 (114 %R)	47 (117 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	21 (106 %R)	22 (109 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	19 (93 %R)	19 (95 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	20 (101 %R)	21 (104 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	19 (93 %R)	19 (95 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	17 (87 %R)	17 (87 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	17 (86 %R)	17 (87 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	20 (98 %R)	20 (101 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	20 (100 %R)	21 (103 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	20 (100 %R)	21 (103 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	19 (95 %R)	20 (98 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	19 (93 %R)	19 (96 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	21 (107 %R)	22 (110 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	21 (103 %R)	21 (107 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	20 (100 %R)	21 (103 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	20 (102 %R)	21 (106 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (98 %R)	20 (101 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	19 (96 %R)	20 (98 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	22 (109 %R)	23 (113 %R) (4 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	16 (81 %R)	16 (82 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	21 (104 %R)	21 (106 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	24 (121 %R)	25 (124 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	18 (88 %R)	18 (91 %R) (3 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	25 (124 %R)	25 (125 %R) (1 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	24 (120 %R)	24 (122 %R) (2 RPD)	11/11/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	83 %R	102 %R	101 %R	11/11/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	110 %R	93 %R	94 %R	11/11/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	95 %R	99 %R	99 %R	11/11/2023	% Rec	70 - 130		8260C
1,2-Dichloroethane-d4 (surr)	107 %R	99 %R	98 %R	11/11/2023	% Rec	70 - 130		8260C

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.



QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638355-60080/A110923V82602

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	24 (121 %R)	23 (116 %R) (4 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	23 (117 %R)	23 (113 %R) (4 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	21 (104 %R)	20 (99 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	18 (92 %R)	19 (96 %R) (4 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	19 (97 %R)	19 (93 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	19 (97 %R)	19 (93 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	17 (85 %R)	17 (85 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (83 %R)	16 (81 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (109 %R)	21 (105 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	86 (86 %R)	86 (86 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	20 (101 %R)	19 (97 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	19 (96 %R)	18 (92 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	18 (92 %R)	18 (91 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	19 (95 %R)	19 (94 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	20 (100 %R)	20 (100 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	19 (93 %R)	19 (93 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (102 %R)	20 (100 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	22 (110 %R)	21 (105 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	20 (100 %R)	19 (96 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (105 %R)	21 (103 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	18 (89 %R)	17 (87 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (94 %R)	18 (91 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	15 (77 %R)	15 (76 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (100 %R)	19 (97 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	20 (98 %R)	19 (95 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	20 (100 %R)	19 (96 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	21 (104 %R)	20 (102 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	21 (105 %R)	20 (102 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (98 %R)	19 (95 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	19 (97 %R)	19 (95 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (99 %R)	20 (98 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	18 (92 %R)	18 (90 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	18 (92 %R)	18 (89 %R) (3 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (76 %R)	< 50 (75 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (90 %R)	18 (88 %R) (2 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	18 (91 %R)	18 (89 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	23 (117 %R)	23 (116 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	22 (111 %R)	22 (111 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	23 (113 %R)	22 (110 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	20 (102 %R)	20 (102 %R) (1 RPD)	11/9/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	22 (110 %R)	22 (108 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	22 (109 %R)	21 (106 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	20 (98 %R)	19 (97 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (103 %R)	20 (102 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	22 (110 %R)	22 (109 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	21 (105 %R)	21 (103 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638355-60080/A110923V82602

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	25 (126 %R)	25 (124 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	* 53 (132 %R)	* 53 (131 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	25 (124 %R)	25 (123 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	26 (129 %R)	25 (126 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	19 (96 %R)	19 (95 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	23 (117 %R)	23 (117 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	19 (97 %R)	20 (99 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	20 (98 %R)	20 (99 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (94 %R)	19 (95 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	22 (112 %R)	23 (114 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (112 %R)	22 (112 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	23 (115 %R)	23 (115 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	21 (104 %R)	21 (106 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	21 (103 %R)	21 (104 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	23 (113 %R)	22 (112 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	22 (112 %R)	22 (111 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (105 %R)	21 (105 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	22 (108 %R)	22 (108 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (101 %R)	20 (102 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (101 %R)	20 (101 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	23 (116 %R)	23 (117 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	16 (81 %R)	17 (85 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	19 (96 %R)	19 (97 %R) (1 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	18 (89 %R)	18 (92 %R) (4 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	18 (89 %R)	18 (89 %R) (0 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	18 (92 %R)	20 (99 %R) (7 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	18 (88 %R)	19 (93 %R) (5 RPD)	11/9/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	98 %R	102 %R	103 %R	11/9/2023	% Rec	70 - 130		8260C
1,2-Dichlorobenzene-d4 (surr)	88 %R	92 %R	93 %R	11/9/2023	% Rec	70 - 130		8260C
Toluene-d8 (surr)	102 %R	109 %R	110 %R	11/9/2023	% Rec	70 - 130		8260C

*/I Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20231108	B-103D_20231108	B-916U_20231108	B-916M_20231108
Lab Sample ID:	269648.01	269648.02	269648.03	269648.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23	11/9/23
Analyst:	AMF	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**97 %R**	**97 %R**	**97 %R**	**96 %R**
Toluene-d8 (surr)	**101 %R**	**100 %R**	**100 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-917U_20231108	B-909_20231108	TB-LL-GW-03_20231108
Lab Sample ID:	269648.05	269648.06	269648.08
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	11/8/23	11/8/23	11/8/23
Date Received:	11/8/23	11/8/23	11/8/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	11/9/23	11/9/23	11/9/23
Analyst:	AMF	AMF	AMF
Method:	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**97 %R**	**97 %R**	**97 %R**
Toluene-d8 (surr)	**100 %R**	**101 %R**	**101 %R**

QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638351-23091/A110923DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.4 (87 %R)	4.3 (85 %R) (2 RPD)	11/9/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	97 %R	98 %R	98 %R	11/9/2023	% Rec	70 - 130		8260B
Toluene-d8 (surr)	101 %R	101 %R	101 %R	11/9/2023	% Rec	70 - 130		8260B

*/I Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20231108	B-103D_20231108	B-916U_20231108	B-916M_20231108		Analysis			
Lab Sample ID:	269648.01	269648.02	269648.03	269648.04	Units	Date	Time	Method	Analyst
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	11/8/23	11/8/23	11/8/23	11/8/23					
Date Received:	11/8/23	11/8/23	11/8/23	11/8/23					
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	11/13/23	15:27	300.0	MNT
Chloride	**6.4**	**2.2**	**2.1**	**51**	mg/L	11/09/23	9:56	4500CIE-11	ALS
Nitrate-N	< 0.5	< 0.5	< 0.5	**0.55**	mg/L	11/09/23	9:56	353.2	ALS
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	11/13/23	17:00	4500N_{org}C/NH3D	GRS
COD	< 10	< 10	< 10	< 10	mg/L	11/10/23	9:15	H8000	JCS

Sample ID:	B-917U_20231108	B-909_20231108		Analysis			
Lab Sample ID:	269648.05	269648.06	Units	Date	Time	Method	Analyst
Matrix:	aqueous	aqueous					
Date Sampled:	11/8/23	11/8/23					
Date Received:	11/8/23	11/8/23					
Bromide	< 0.1	< 0.1	mg/L	11/13/23	17:37	300.0	MNT
Chloride	< 1	< 1	mg/L	11/09/23	10:02	4500CIE-11	ALS
Nitrate-N	< 0.5	< 0.5	mg/L	11/09/23	10:02	353.2	ALS
TKN	< 0.5	< 0.5	mg/L	11/13/23	17:12	4500N_{org}C/NH3D	GRS
COD	< 10	< 10	mg/L	11/10/23	9:15	H8000	JCS

QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (99 %R)	2.1 (104 %R) (5 RPD)	mg/L	11/13/23	90 - 110	20	300.0
Chloride	< 1	26 (103 %R)	26 (104 %R) (2 RPD)	mg/L	11/9/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.2 (103 %R)	5.2 (104 %R) (1 RPD)	mg/L	11/9/23	90 - 110	20	353.2
TKN	< 0.5	9.7 (97 %R)	10 (103 %R) (6 RPD)	mg/L	11/13/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	99 (99 %R)	100 (102 %R) (2 RPD)	mg/L	11/10/23	85 - 115	20	H8000

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

LABORATORY REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20231108	B-103D_20231108	B-916U_20231108					
Lab Sample ID:	269648.01	269648.02	269648.03					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	11/8/23	11/8/23	11/8/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	11/8/23	11/8/23	11/8/23					
Iron	**10**	**2.2**	< 0.05	AqDis	mg/L	11/10/23	200.8	DS
Manganese	**2.6**	**0.67**	< 0.005	AqDis	mg/L	11/10/23	200.8	DS

Sample ID:	B-916M_20231108	B-917U_20231108	B-909_20231108					
Lab Sample ID:	269648.04	269648.05	269648.06					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	11/8/23	11/8/23	11/8/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	11/8/23	11/8/23	11/8/23					
Iron	< 0.05	< 0.05	**0.097**	AqDis	mg/L	11/10/23	200.8	DS
Manganese	< 0.005	< 0.005	< 0.005	AqDis	mg/L	11/10/23	200.8	DS

QC REPORT

EAI ID#: **269648**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD		Units	Date of Analysis	Limits	RPD	Method
Iron	< 0.05	9.8 (98 %R)		NA	mg/L	11/10/23	85 - 115	20	200.8
Manganese	< 0.005	0.19 (96 %R)		NA	mg/L	11/10/23	85 - 115	20	200.8

*/! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Page 1 of 1

Chain-of-Custody Record

For La 269648

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	VOCs 8260B	Low Level 1,4-Dioxane	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
B-1035_20231108	11/8/23 0755	GW	G	X	X	X	X	X			7	
B-103D_20231108	11/8/23 0805	GW	G	X	X	X	X	X			7	
B-916H_20231108	11/8/23 0843	GW	G	X	X	X	X	X			7	
B-916M_20231108	11/8/23 0845	GW	G	X	X	X	X	X			7	
B-917H_20231108	11/8/23 0930	GW	G	X	X	X	X	X			7	
B-909_20231108	11/8/23 0943	GW	G	X	X	X	X	X			7	
TB-GW-03_20231108	11/8/23 1030	Aq	-	X							2	
TB-LL-GW-03_20231108	11/8/23 1030	Aq	-		X						2	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3				H	Ice	S	Ice	N	N	Ice		

Analyses Requested

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	6 Bedford Farms Drive, Suite 201
City:	Bedford State: NH Zip: 03110
Phone	603-229-1900 Ext.:
Fax:	603-229-1919
E-Mail:	mestabrooks@sanbornhead.com
Site Name:	NCES | Groundwater
Project #	2637.10
State:	NH

Regulatory Program: NPDES: RGP POTW Stormwater or GWP, Oil Fund, Brownfield or Other:

Quote #: PO#:

Date Needed: Standard TAT

Temp. 5.3 °C

Ice? (Yes) No

QA/QC

Reporting Level

A [B] C

or

Presumptive Certainty

Reporting Options

Prelims: [Yes] or No

If Yes: Fax or [PDF]

Electonic Options

[No Fax] [E-Mail] [PDF] [Equis]

Sampler(s): PJP, GHP, GWB

Relinquished By:	Date:	Time:	Received By:
	11/8/23	13:15	BAF
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Metals: Lists Below **Samples Field Filtered:** YES

A: Fe, Mn

B: Fe, Mn, As

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Different)

Trip blank(s) prepared by EAI.

Bill NCES.

*Report 1,4-dioxane to 0.25 ug/l RL

*Hold Final report until EQuIS EDD ready.

Site History:

Suspected Contamination:

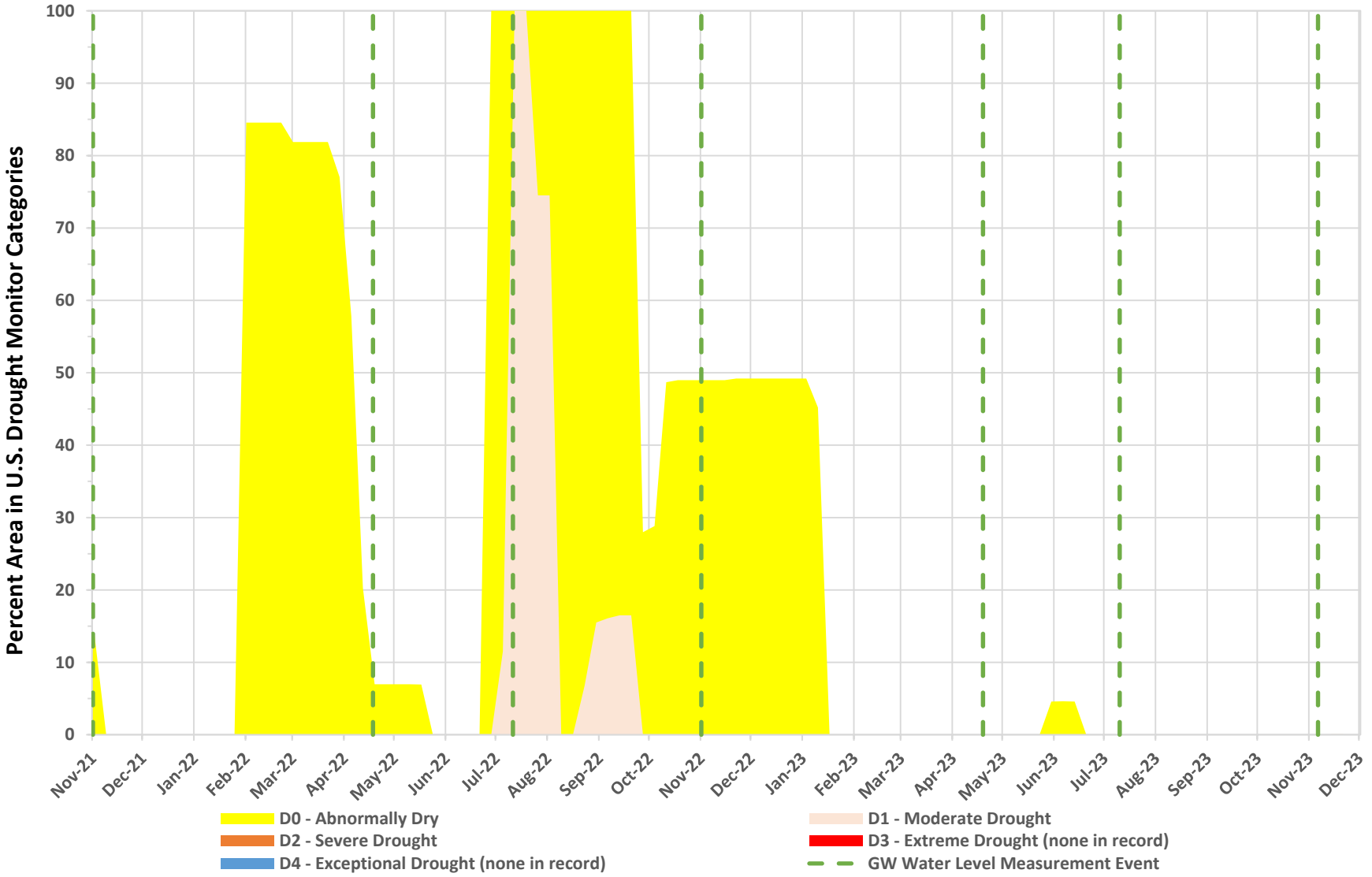
Field Readings:

Eastern Analytical, Inc.
Professional laboratory & drilling services
51 Antrim Ave | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com | www.eailabs.com

Appendix G

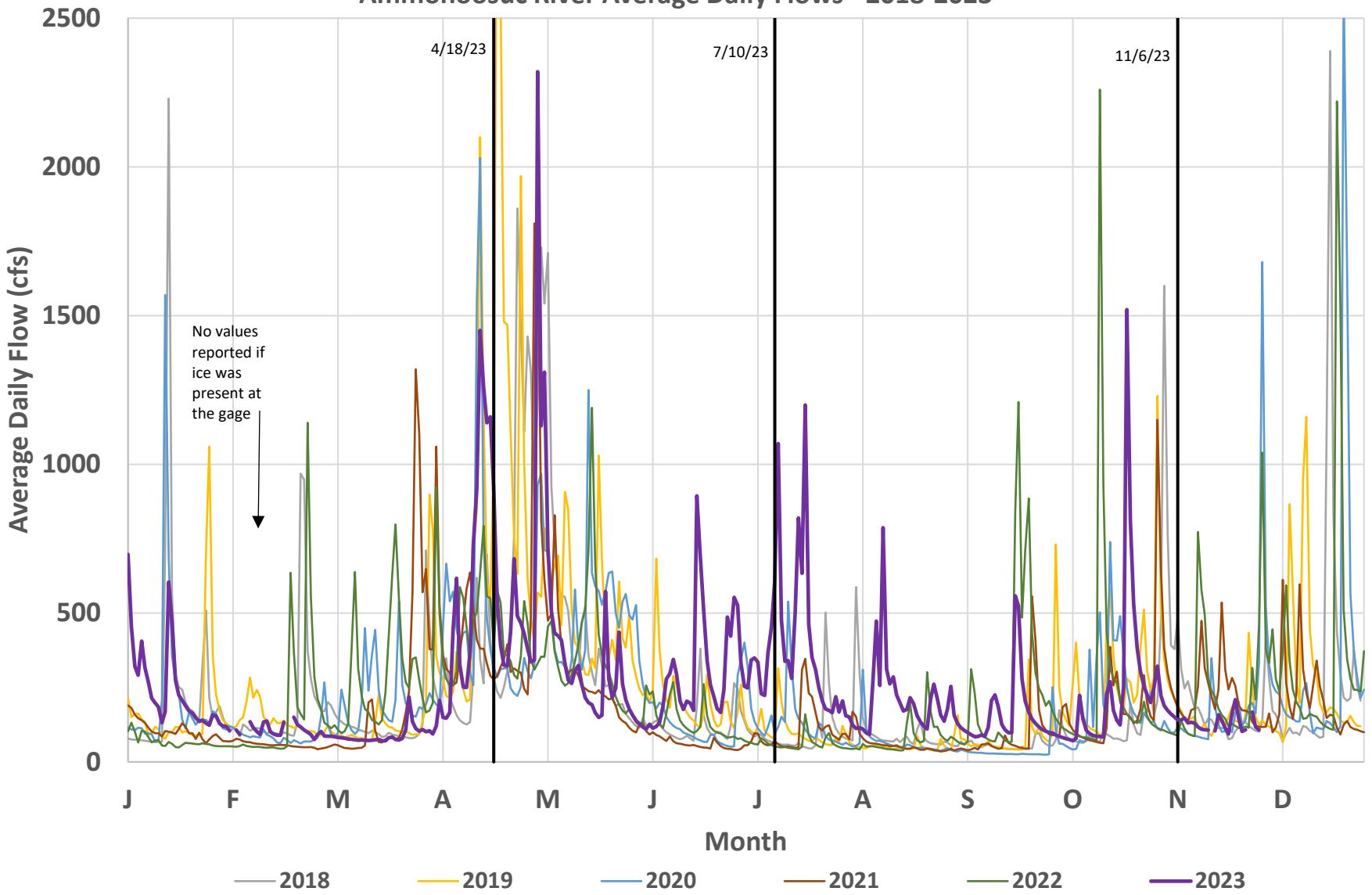
Drought Information

Figure G.1
U.S. Drought Monitor Data - Grafton County, New Hampshire



Data obtained from U.S. Drought Monitor: https://droughtmonitor.unl.edu/DmData/TimeSeries.aspx
Accessed: December 1, 2023

Figure G.2
Ammonoosuc River Average Daily Flows - 2018-2023



Data recorded at USGS gage 01137500 Ammonoosuc River at Bethlehem Junction, NH https://waterdata.usgs.gov/nwis/uv?site_no=01137500; some 2023 data from USGS are provisional and subject to revision; Accessed December 1, 2023

Appendix H

Potential Receptor Information

Appendix H
Potential Receptor Evaluation

As required by Special Condition No. 16 of the September 18, 2023 Groundwater Management and Release Detection Permit (the "Permit"), this appendix includes information regarding potential receptors within 1,000 feet of the NCES Landfill.

A "potential receptor" is defined in Env-Or 602.21 as "a living organism or an environmental medium that is in the pathway of contamination from a discharge". As required by Special Condition No. 16 of the Permit and Env-OR 606.0-7(d), the Potential Receptor Map in Appendix H shows streets, properties, surface water, and water supply wells[1]. Property ownership information is tabulated in Appendix H.

P:\2600s\2637.10\Source Files\2023-11 GW\App-H_Recept\App_H.docx

[1] Env-Or 606.07(d) defines sensitive subpopulations as "such as daycare centers, schools, playgrounds, parks, senior housing". No such features exist within 1,000 feet of the NCES Landfill.

Table H-1
Summary of Parcel Information

TABLE NARRATIVE: This table summarizes parcel information for the parcels indicated on Figure H.1 within 1,000 feet of the NCES Landfill limit. Parcel information was obtained from records maintained by Town of Bethlehem (https://next.axisgis.com/bethlehemnh/). Well information was obtained from NHDES OneStop. For several parcels where well information was not available, inferences were made based upon land use and are noted on this table.

Parcel ID	Tax Map	Lot Number	Owner Name	Land Use Information	Water Supply Well ID No.
NCES-Owned Parcels					
419-001-000-000	419	1	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Offices, scale house, maintenance garage, transfer station	Well 025.0044 (test/exploration boring, not a supply well) Well 025.0045 (industrial supply, non-potable)
419-002-000-000	419	2	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Truck queue, stormwater management	None
419-005-000-000	419	5	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-006-000-000	419	6	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-009-000-000	419	9	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-012-000-000	419	12	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-019-000-000	419	19	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-020-000-000	419	20	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None
419-021-000-000	419	21	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	Well 025.0521 (test/exploration boring, not a supply well)
419-022-000-000	419	22	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Landfill	Well 025.0426 (test/exploration boring, not a supply well)
419-024-000-000	419	24	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Gravel pit, site perimeter road; forested land	Well 025.0541 (test/exploration boring, not a supply well) Well 025.0043 (test/exploration boring, not a supply well)
419-025-000-000	419	25	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Mostly forested land; ancillary gravel pit operations	None
419-026-001-000	419	26.1	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Undeveloped lot (mostly forested)	None

Parcel ID	Tax Map	Lot Number	Owner Name	Land Use Information	Water Supply Well ID No.
419-026-002-000	419	26.2	Forest Acquisitions, Inc. c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Forested land	None
419-052-000-000	419	52	NCES 473 Trudeau Road Bethlehem, NH 03574	Commercial/industrial - gas plant operations	025.0538 (industrial supply, non-potable)
419-053-000-000	419	53	NCES Trudeau Road Bethlehem, NH 03574	Forested land	None
209-027-000-000	209	27	NCES c/o Ryan LLC PO Box 4900 Scottsdale, AZ 85261	Stormwater management for gas plant operations; mostly forested	None
Non-NCES Parcels					
419-003-000-000	419	3	Nicholas D'Angelo 36 Columbia Ave Newton, MA 02464	Residential, seasonal camp	No well record included in NHDES' online records
419-004-000-000	419	4	Nicholas D'Angelo 36 Columbia Ave Newton, MA 02464	Residential (undeveloped land)	No well record included in NHDES' online records
419-007-000-000	419	7	Shurtleff 11 Vinton Dr Penacook, NH 03303	Residential	No well record included in NHDES' online records
419-008-000-000	419	8	Jack C. & Jan Tyrell 580 Trudeau Rd Bethlehem, NH 03574	Residential	Well 025.0477 Test/exploration
419-010-000-000	419	10	Town of Bethlehem PO Box 189 Bethlehem, NH 03574	Residential (undeveloped land)	No well record included in NHDES' online records
419-011-000-000	419	11	Daniel M. Bois Mary J Bois 528 Trudeau Rd Bethlehem, NH 03574	Residential	No well record included in NHDES' online records
422-005-000-000	422	5, 5-99 (see note 1)	U.S. Forest Service c/o Ammonoosuc Ranger District PO Box 239 Bethlehem, NH 03574	National Forest	No well record included in NHDES' online records
422-005-001-000	422	5.1	State of New Hampshire Department of Safety 33 Hazen Drive Concord, NH 03305	Fire training facility	No well record included in NHDES' online records

Note:

1. U.S. Forest Service Parcel lot number is listed as 5 in the records maintained by Town of Bethlehem (https://next.axisgis.com/bethlehemnh/). In the GIS layers on Figure H.1, the U.S. Forest Service Parcel lot number is listed as 5-99.

File:P:\2600s\2637.10\Graphics Files\CAD\GW Mon Rpt Nov 2023\Potential Receptor Map_w_Survey.dwg Plot Date: 12-21-23

©2023 SANBORN, HEAD & ASSOCIATES, INC.

NOTES:

1. THE AERIAL IMAGERY OUTSIDE THE LANDFILL LIMIT OF WASTE WAS OBTAINED FROM GOOGLE EARTH DATED OCTOBER 2022. AERIAL IMAGE INSIDE THE LANDFILL LIMIT OF WASTE WAS TAKEN ON JUNE 11, 2023 AND PROVIDED BY CMA.
2. WATER SUPPLY INFORMATION WAS OBTAINED FROM HTTP://DES.NH.GOV IN NOVEMBER 2023. WELL LOCATIONS ARE SHOWN AS REFERENCED IN NHDES' ONESTOP INFORMATION. SOME INFORMATION AND LOCATIONS IN NHDES' RECORDS MAY DIFFER FROM ACTUAL INSTALLED CONDITIONS. REFER TO TEXT FOR ADDITIONAL INFORMATION.
3. PARCEL LINES WERE OBTAINED FROM THE NH PARCEL MOSAIC DATASET PROVIDED BY ARCGIS ONLINE IN OCTOBER 2023.
4. STREAM LINES WERE OBTAINED FROM THE NHD FLOWLINE LAYER DOWNLOADED FROM GRANIT.UNH.EDU IN SEPTEMBER 2023.
5. REFER TO TABLE H-1 FOR A SUMMARY OF PARCEL INFORMATION.
6. REFER TO PREVIOUS FIGURE FOR ADDITIONAL NOTES AND LEGEND.

LEGEND:

- GROUNDWATER MANAGEMENT ZONE
- 1,000-FOOT BUFFER AROUND LANDFILL
- STREAM
- 419-31 MAP AND LOT NUMBER
- INDICATES NCES OR AFFILIATE OWNED PARCEL
- 1305 GROUNDWATER ELEVATION CONTOUR NOVEMBER 2023 (DASHED WHERE LESS CONSTRAINED)
- 025.0547 WATER SUPPLY WELL LOCATION AND WRB DESIGNATION
- INDICATES PRIVATE WATER SUPPLY WELL
- INDICATES TEST WELL/EXPLORATION WELL/MONITORING WELL (NON-POTABLE), OR SOIL BORING
- INDUSTRIAL SUPPLY NON-POTABLE

SANBORN HEAD	GRAPHICAL SCALE 200' 100' 0 200' 400'	DRAWN BY: E. WRIGHT DESIGNED BY: M. ESTABROOKS REVIEWED BY: T. WHITE PROJECT MGR: M. ESTABROOKS PIC: T. WHITE DATE: DECEMBER 2023	NORTH COUNTRY ENVIRONMENTAL SERVICES, INC. BETHLEHEM, NEW HAMPSHIRE Potential Receptor Map

PROJECT NUMBER: 2637.10

FIGURE NUMBER: H.1