NHDES Waste Management Division
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Sanborn, Head & Associates, Inc.

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April 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

Prepared For:
North Country Environmental Services, Inc. (NCES)
581 Trudeau Road, P.O. Box 9
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Date of Report: May 31, 2023

Groundwater Monitoring Report Cover Sheet

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

Town: **Bethlehem, NH**

Permit #: **GWP-198704033-B-007**

Type of Submittal (*Check all that apply*)

☐ Periodic Summary Report (*year*):

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

Well/Compound:

B-919U: arsenic

☐ 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 April 2023 are indicated below and are discussed in the report text.

Well/Compound:

Arsenic: B-919M, MW-801, MW-802, MW-803 [inside GMZ]

Manganese: B-103S, B-103D, B-304DR, MW-801, MW-802, MW-803, B-919M [inside GMZ]; B-926U, MW-701 [outside GMZ]

1,4-Dioxane: B-304DR [inside GMZ]
PFOA: B-918M [outside 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.*) **NO**

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

May 31, 2023
File No. 2637.10

Re: April 2023 Water Quality Monitoring Results
Groundwater Management and Release Detection Permit GWP-198704033-B-007
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 April 18 and 19, 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-007 (the "Permit"), issued by New Hampshire Department of Environmental Services (NHDES) on April 12, 2018, and revised on October 19, 2018. Sanborn Head submitted a Permit renewal application on April 4, 2023, ahead of the Permit expiring on April 11, 2023, and then submitted a revised Permit application on April 18, 2023 to address NHDES's preliminary comments. The revised Permit application is pending with NHDES.

The Permit and Supplemental Site Investigation (SSI) locations specified for the April 2023 sampling round included: 29 groundwater monitoring wells (five of which were sampled in March as part of Stage VI replacement well comparison [see discussion below]), two seeps/springs on the slope between the Site and the Ammonoosuc River, and water level measurements (only) at 20 groundwater monitoring wells, as summarized in Exhibit 1 (following page). We note that the B-928 wells (installed in September 2021 as part of the SSI) were sampled as part of April 2023 monitoring round.

Five Permit locations specified for the April 2023 sampling round were sampled in March 2023 as part of the Stage VI Phase II replacement monitoring well sampling Round 2 of 2. These five locations (B-102S, B-102D, B-903U, B-904U, and B-914U) were not resampled in April 2023 (except for B-914U which was resampled in April for a partial list of analytes), but their March 2023 results are included in this report. The results from the Stage VI Phase II Replacement Monitoring Well Information Round 2 of 2 were reported to NHDES in a separate transmittal on May 8, 2023[1].

[1] https://www4.des.state.nh.us/DocViewer/?ContentId=5081235

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.

Consistent with the Permit, the analytical results for the April 2023 monitoring round are summarized below. In addition to transmitting the April data, this letter provides: 1) comparison of April 2023 analytical monitoring results to sitewide background values, 2) comparison to applicable standards, and 3) a general assessment of water quality trends for the Permit-required analytes.

Exhibit 1
Summary of Permit Monitoring Locations – April 2023

Groundwater Management Wells/Other					
100-Series	B-102S#	B-102D#	B-103S	B-103D	
Other	MW-604 *				
Release Detection Wells					
800-Series	MW-801	MW-802	MW-803		
900-Series	B-903U#	B-903L*	B-904U#	B-904L*	B-914U#
	B-914L*	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*	Non-Permit SSI wells: B-928U and B-928D			
900-Series	Non-Permit Stage VI Phase II Replacement Monitoring Wells: B-931U*, B-931L*, B-930U*, B-930L*, B-929U*, B-929L*				
Other	B-304UR	B-304DR	MW-603	MW-701	

Notes:
1. This table reflects the Permit revision issued by NHDES on October 19, 2018.
2. 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).
3. "*" indicates water level measurement only for the most recent April 2023 tri-annual monitoring; no sample was collected for field screening parameters or laboratory analysis.
4. "#" indicates Permit-required sample was collected in March 2023 as part of the Stage VI Phase II Replacement Monitoring Well sampling, and not repeated in April except for filtered (dissolved) SVOCs at B-914U).

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 two locations sampled for PFAS [MW-701 and B-918M] and B-914U) 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 April 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 March/April 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. Other initial background concentration exceedances detected in March as part of replacement well sampling were previously reported to NHDES.

Exhibit 2
Summary of Initial Background Concentration Exceedances – March/April 2023

Location	Analyte	Concentration / Value	Previous Max or Min	April 2023 Site Background (refer to Table 1)	GW-1 (AGQS)	SM CL	# of sampling events for analyte
Background Wells							
No initial exceedances of background							
Release Detection Wells Inside the GMZ– Impacts Anticipated from Former Unlined Landfill							
B-919U	Arsenic, Dissolved	0.00056 mg/L	<0.0005 mg/L	0.00051 mg/L	0.005 mg/L	NS	45
	Comments: The April 2023 results for arsenic did not exceed the AGQS. We also note that the Site Background concentration for arsenic decreased from 0.0011 in November 2022 to 0.00051 mg/L in April 2023. VOCs were not detected at B-919U in April 2023. Given the general absence of other potential leachate indicators, including more soluble analytes, the data are not consistent with a new release.						
B-102S	Perfluorooctanoic Acid (PFOA)	4.24 ng/L	N/A	<4.0-<5.0 ng/L	12 ng/l	NS	3
	Comments: Note that this sample was collected in March 2023.The initial PFOA detection at B-102S also represented a background concentration exceedance at this location. The March 2023 sampling round was only the second sampling round for PFOA at B-102S. VOCs were not detected at B-102S in December 2022 or March 2023. Given the general absence of other potential leachate indicators, including more soluble analytes, the data are not consistent with a new release.						

Location	Analyte	Concentration / Value	Previous Max or Min	April 2023 Site Background (refer to Table 1)	GW-1 (AGQS)	SM CL	# of sampling events for analyte
B-914U	As discussed in the Stage VI Phase II Replacement Monitoring Well Information Round 2 of 2 transmittal, the March 2023 results for B-914U indicated initial background concentration exceedances for 16 SVOC analytes. The B-914U sample in March 2023 was noted as turbid. A filtered SVOC sample was collected from B-914U in April 2023 for comparison to the unfiltered results from March 2023 and SVOCs were not detected from the filtered sample at B-914U in April 2023. Given the general absence of other potential leachate indicators, including more soluble analytes, the data are not consistent with a new release.						
Groundwater Management Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill							
No initial exceedances of background							

SUMMARY OF INITIAL DETECTS

This section summarizes analytes detected for the first time in March/April 2023 at a location in its respective period of record. As summarized in Exhibit 3 below, dissolved arsenic was initially detected B-919U at a concentration above site background but below the AGQS, and PFOA was initially detected at B-102S at a concentration above site background but below the AGQS. Other initial detections from replacement well sampling in March were previously reported to NHDES.

Exhibit 3
Summary of Initial Detects at Groundwater Monitoring Locations – March/April 2023

Location	Analyte	*milligrams per liter (mg/l)*			
		NHDES AGQS	Site Background	March/April 2023 Concentration	Laboratory Reporting Limit
B-919U	Arsenic, Dissolved	0.005 mg/L	0.00051 mg/L	0.00056 mg/L	0.0005
B-102S	PFOA	12 ng/L	<4.0-<5.0 ng/L	4.24 ng/L	4 ng/l

Notes:
"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.
SMCLs are not established for the above-listed analytes
The sample from B-102S was collected in March 2023 and the results were previously reported to NHDES.

SUMMARY OF GROUNDWATER QUALITY EXCEEDANCES

Detected concentrations in groundwater in March/April 2023 which exceeded applicable standards are indicated on Table 1 and in Appendix B.2, and summarized in Exhibit 4 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[2], if available. Other exceedances of AGQS or SMCL detected in March as part of replacement well sampling were previously reported to NHDES.

Exhibit 4
Summary of Exceedances of AGQS or SMCL – March/April 2023

Analyte	AGQS (or SMCL if no AGQS)	Exceedance in March/April 2023		Initial Exceedance March/April 2023	
		Within GMZ	Outside GMZ	Within GMZ	Outside GMZ
AGQS Exceedance					
Manganese	0.30 mg/L	B-102S, B-102D, B-103S, B-103D, B-304DR, MW-801, MW-802, MW-803, B-919M	B-926U, MW-701	None	None
Arsenic	0.005 mg/L	B-102D, B-919M, MW-801, MW-802, MW-803	None	None	None
1,4-Dioxane	0.32 µg/L	B-304DR	None	None	None
PFOA	12 ng/L	None	B-918M	None	None
As discussed in Stage VI Phase II Replacement Monitoring Well Information Round 2 of 2 transmittal, the March 2023 results for B-914U indicated initial AGQS exceedances for benzo(a)anthracene and benzo(a)pyrene. The B-914U sample in March 2023 was noted as turbid. A filtered SVOC sample was collected from B-914U in April 2023 for comparison to the unfiltered results from March 2023 and SVOC analytes were not detected from the filtered sample at B-914U in April 2023. Given the general absence of other potential leachate indicators, including more soluble analytes, the data are not consistent with a new release.					
SMCL Exceedance (analytes with no AGQS)					
pH[1]	6.5 to 8.5 s.u.	MW-802, MW-803	B-915M, B-916U, B-916M, B-918U, B-926U, B-926L, B-927U, MW-701	None	None
Iron	0.3 mg/L	B-102D, B-103S, B-103D, MW-801, MW-802, MW-803, B-919M	B-927M	None	None

Notes:
1. The samples from B-102S and B-102D were collected in March 2023.
2. 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.
3. "Initial exceedance" indicates that April 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

[2] 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.

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 March/April 2023 results. Refer to Tables 1, B.2, and D.1 for analytical data summaries. Time series plots are included in Appendix C. A discussion of groundwater quality trends for other wells sampled in March as part of replacement well sampling was previously provided to NHDES.

Volatile Organic Compounds (VOCs)

Only two VOCs were detected in groundwater in April 2023:

- **1,4: Dioxane**: was detected at two locations (Permit well B-304DR, and SSI well B-928D) at concentrations of 0.5 µg/l (B-304DR; 0.5 µg/l in the duplicate) and 0.26 µg/L (B-928D). The concentration at B-304DR in April 2023 was slightly higher than the concentration recorded in November 2022 (0.43 µg/l primary, 0.41 µg/l duplicate) and the AGQS of 0.32 µg/l, but at the lower range of concentrations recorded at this location since November 2019 (the first sampling event following the summer 2019 earthwork), which ranged from 0.32 to 2.9 µg/l.

  The 1,4-dioxane concentration detected at B-928D in April 2023 (0.26 µg/l) was below the AGQS, and the lowest value recorded at B-928D since sampling began in September 2021. The 1,4-dioxane concentrations at B-928D were generally consistent with downgradient migration/attenuation of concentrations recorded at B-304DR.

- **Dichlorodifluoromethane (DCDFM; Freon 12):** was detected at two locations at concentrations well below the AGQS (1,000 µg/l). The concentration at B-927M (13 µg/L) 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. DCDFM was also detected at B-304DR at a concentration of 2.1 µg/l (2.2 µg/l duplicate). The result at B-304DR is below both the more recent February 2021 high concentration (9.4 µg/l), and historical maximum detection at this location (22 µg/l in April 2016).

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 within the GMZ (i.e., 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 April, July, and November 2021, January, July, and November 2022, and January and April 2023, and have typically been above the current site background (0.19 mg/l) since early 2017.

A summary of inorganic parameters is provided below.

Metals

- **Arsenic:** Exceedances of the arsenic site background concentration (0.00051 mg/l) in March/April 2023 were limited to six wells within the GMZ (MW-801, MW-802, MW-803, B-102D, B-919M and B-919U) at concentrations ranging from 0.00056 mg/l (B-919U) to 0.071 mg/l (MW-803 duplicate; 0.07 mg/l in the primary) and one well adjacent to the GMZ (B-914U; 0.0013 mg/l). Arsenic concentrations at wells inside the GMZ and B-914U in March/April 2023 were within the range of recent concentrations, except for B-919U. The detection of arsenic at B-919U represented an initial detection and an initial background exceedance of arsenic. 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, except for B-919U.

  Note the arsenic background concentration reduced from 0.0011 mg/l in November 2022 to 0.00051 mg/l in April 2023 based on the results from background wells.

- **Manganese:** Exceedances of the manganese site background concentration (0.19 mg/l) in March/April 2023 were indicated at nine locations inside the GMZ (MW-801, MW-802, MW-803, B-919M, B-304DR, B-102S, B-102D, 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 1.1 mg/l (B-103D) to 6.7 mg/l (MW-803 in the duplicate; 6.5 mg/l in the primary). Concentrations at wells outside the GMZ ranged from 0.26 mg/l (B-927M) to 3.1 mg/l (B-926U). Manganese concentrations at these monitoring wells in March/April 2023 were within the range of recent concentrations, with the exception of the concentrations at B-927M and MW-701, which each represented period of records max at their respective locations, although not initial background exceedances. Each of these background exceedances also represented an exceedance of the manganese AGQS of 0.3 mg/l, except for B-927M.

- **Iron:** Exceedances of the iron site background concentration (0.64 mg/l) were limited to seven wells inside the GMZ (MW-801, MW-802, MW-803, B-919M, B-102D, B-103S and B-103D) and one well outside the GMZ (B-927M). Concentrations at the wells inside the GMZ ranged from 4.2 mg/l (B-103D) to 56 mg/l (MW-803 duplicate; 54 mg/l in the primary). The concentration at the well outside the GMZ was 3.3 mg/l (B-927M). Iron concentrations at these monitoring wells in March/April 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 March/April 2023. Exceedances of the bromide background concentration outside of the GMZ (0.1 mg/l) in March/April 2023 were limited to B-918U and B-926U, at concentrations of 0.13

mg/l and 0.2 mg/l, respectively. The result at B-918U represented the first detection of bromide since September 2012, and the result at B-926U was the highest concentration recorded since April 2018 (0.22 mg/l); however, the April 2023 bromide results were within the range of concentrations recorded at these locations.

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. Note the chloride background concentration reduced from 4 mg/l in November 2022 to 1.8 mg/l in April 2023 based on the results from background wells.

- 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, MW-603
Inside the GMZ	B-103S, B-103D, B-304UR, B-304DR, MW-801, MW-802, MW-803, B-919U, B-919M, SSI wells B-928U and B-928D [downgradient of the B-304 pair]

  Chloride concentrations at these locations in April 2023 ranged from 2 mg/l (B-103D) to 54 mg/l (B-927U) and were generally within the range of recent results, with the exception of B-918U, at which the chloride concentration (46 mg/l) represented a period of record max.

- 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 April 2023 ranged from 3.6 mg/l (B-927M) to 65 mg/l (B-915M) and are generally within the range of recent results.

Nitrate
One location outside the GMZ exceeded the nitrate background concentration (2.5 mg/l) in April 2023: B-918U (4.1 mg/l).

Total Kjeldahl Nitrogen (TKN)
One location inside the GMZ exceeded the TKN background (0.92 mg/l) in April 2023: MW-803 (1.8 mg/l in the primary; 1.7 mg/l in the duplicate).

Sulfate
Sulfate was required by NHDES in the October 21, 2019 letter[3], to be analyzed in the MW-701 and B-918M samples. The sulfate results from MW-701 (17 mg/l) and B-918M (13 mg/l) in April 2023 were generally consistent with previous results and were well below the GW-1/AGQS (500 mg/l). Because analysis for sulfate is not required in the Permit, a background value has not been established for this parameter.

Chemical Oxygen Demand (COD)
The COD background concentration (15 mg/l) was exceeded at three locations in March/April 2023 monitoring including B-914U (45 mg/l), B-927M (48 mg/l), and MW-803 (78 mg/l in the duplicate and the primary). COD was not detected in the repeat groundwater sample collected from B-914U in April 2023. The detection at B-927M was within the range of concentrations recorded at this location in the last several years. Beginning in approximately 2016, COD at MW-803 has typically fluctuated but concentrations have indicated general overall increases since that time. The concentration at MW-803 in April 2023 represents a period of record max at this location, increased slightly from the previous max of 77 mg/l recorded in May 2021.

Note the COD background concentration reduced from 20 mg/l in November 2022 to 15 mg/l in April 2023 based on the results from background wells.

Per- and Polyfluoroalkyl Substances (PFAS)
Samples for PFAS analysis were collected from 10 Permit monitoring wells at the site in March/April 2023 including B-903L, B-903U, B-904L, B-904U, B-914L, B-914U, B-102S and B-102D, for which the samples were collected in March 2023, and MW-701 and B-918M for which the samples were collected in April. A discussion of the March results was previously provided to the NHDES. PFOA was detected at 4 of the 10 sampling locations (B-102S, MW-701, B-914L, and B-918M) at concentrations ranging from 4.24 ng/l (B-102S) to 19.4 ng/l (B-914L).

PFOA concentrations exceeded the AGQS (12 ng/l) at B-914L in March 2023 (previously reported) and at B-918M in April 2023. PFOS was detected in April 2023 at only two locations: B-918M at 5.35 ng/l, and MW-701 at 5.91 ng/l, both below the AGQS of 15 ng/l. PFHxS was detected at one location: B-102S at a concentration of 4.82 ng/l, below the above the AGQS of 18 ng/l. PFNA was not detected in March/April 2023 sampling. Concentrations of PFOS, PFHxS

[3] October 21, 2019 Letter from Mr. James O'Rourke (NHDES) to Mr. John Gay (NCES): "July 2019 Tri-Annual/2019 Annual Water Quality Monitoring Results, prepared by Sanborn, Head & Associates, Inc., and dated August 22, 2019"; and "August 2019 PFAS Groundwater Results Data Transmittal, prepared by Sanborn, Head & Associates, Inc., and dated September 3, 2019". https://www4.des.state.nh.us/IISProxy/IISProxy.dll?ContentId=4813101

and PFNA in April 2023 were within the range of previous detected concentrations; as previously reported, the concentration of PFOA at B-102S represented an initial detection and initial exceedance of background in March 2023, but it did not exceed the AGQS.

One or more non-regulated PFAS analytes were detected at 4 of the 10 Permit monitoring wells sampled for PFAS at the site in March/April 2023 (B-102S, MW-701, B-914L, and B-918M). Detections of non-regulated PFAS were limited to five analytes: PFBA, PFPeA, PFHxA, PFHpA, and PFBS.

SURFACE WATER QUALITY RESULTS

In April 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).

EVALUATION OF DROUGHT CONDITIONS

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

Beginning in late June 2022 and through late September 100% of Grafton county was classified as abnormally dry. During this time, two intervals were recorded when between 15 and 100% of the county was classified to be in moderate drought. The dry conditions attenuated briefly in late September, but from October through early January, conditions in approximately 30 to 50% of the county were rated abnormally dry. These dry conditions eased in mid-January, and from mid-January through April, including when the samples discussed herein were collected, no drought conditions were noted in the county.

USGS Ammonoosuc River gage data indicated that average daily flows in the Ammonoosuc River at the time of sample collection in mid-April were at the higher end of the range of flows recorded in the previous five years. Flows were generally at the low end of values from late February through early April 2023. Beginning in mid-April 2023 and continuing into early May, flows increased to be near the higher end of flows recorded in the last five years.

CLOSING

We trust that this report satisfies NHDES' requirements for the tri-annual April 2023 data transmittal of water quality monitoring results under the Permit. As described herein, the overall results for the April 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. Consistent with the Permit, the next tri-annual water quality sampling event is scheduled for July 2023.

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
Project Engineer

GAP/MEE/TMW: gap

TABLE

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

FIGURE

Figure 1 Site Features Plan
Figure 2 Groundwater Elevation Contour Plan

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Appendix A – Background Groundwater Quality Information
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- 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
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Appendix C – Time Series Plots
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  - Background Wells
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Appendix D – PFAS Groundwater Analytical Results

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Appendix E – Sanborn Head Field Sampling Summary Forms
Appendix F – Analytical Laboratory Reports
Appendix G – Drought Information

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

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Table

TABLE 1
Evaluation of Background Exceedances – Groundwater Samples – April 2023
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

			SU	uS/cm	C	mg/L	mg/L												ug/L																		ng/L										Inferred Context for Background Exceedance											Comments
Sample Location	**Sample Date**	**Sample Type**	**pH**	**Specific Conductance**	**Temperature**	**Bromide**	**Chemical Oxygen Demand (COD)**	**Chloride**	**Nitrate**	**Total Kjeldahl Nitrogen (TKN)**	**Antimony, Dissolved**	**Arsenic, Dissolved**	**Barium, Dissolved**	**Chromium, Dissolved**	**Iron, Dissolved**	**Lead, Dissolved**	**Manganese, Dissolved**	**Nickel, Dissolved**	**Dichlorodifluoromethane (CFC12)**	**Dioxane (1,4-)**	**Acenaphthene**	**Acenaphthylene**	**Anthracene**	**Benzo(a)anthracene**	**Benzo(a)pyrene**	**Benzo(b)fluoranthene**	**Benzo(g,h,i)perylene**	**Benzo(k)fluoranthene**	**Chrysene**	**Dibenz(a,h)anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd)pyrene**	**Naphthalene**	**Phenanthrene**	**Pyrene**	**Perfluorobutanoic Acid (PFBA) [3]**	**Perfluoropentanoic Acid (PFPeA) [4]**	**Perfluorohexanoic Acid (PFHxA) [5]**	**Perfluoroheptanoic Acid (PFHpA) [6]**	**Perfluorooctanoic Acid (PFOA) [7]**	**Perfluorononanoic Acid (PFNA) [8]**	**Perfluorobutanesulfonic Acid (PFBS) [4S]**	**Perfluorohexanesulfonic acid (PFHxS) [6S]**	**Perfluorooctanesulfonic Acid (PFOS) [8S]**	**1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)**	1 pH below background downgradient of/adjacent to lined landfill; pH generally 5.2 to 6.2 s.u.	2 pH elevated due to grout used in monitoring well construction; grout may also result in elevated specific conductance.	3 Temperature above background inferred to be related to location of well downgradient of/adjacent to lined landfill area.	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 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 History of 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.	
GW-1 (AGQS)									**10**		**0.006**	**0.005**	**2**	**0.1**		**0.015**	**0.3**	**0.1**	**1000**	**0.32**	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**5**	**0.1**	**280**	**280**	**0.1**	**100**	**210**	**210**					**12**	**11**		**18**	**15**													
SMCL			**6.5-8.5**					**250**							**0.3**		**0.05**																																									
Background 2022-11			**6.5-9.3**	**186**	**5.6-13.5**	**0.1, 0.4 §**	**20**	**4**	**2.5**	**0.92**	**<0.001**	**0.0011**	**0.025**	**0.0014**	**0.64**	**<0.001**	**0.19**	**0.0027**	**<2**	**<0.25**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<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**												
Background 2023-04			**6.4-9.0**	**160**	**5.4-12.9**	**0.1, 0.4 §**	**15**	**1.8**	**2.5**	**0.92**	**<0.001**	**0.00051**	**0.025**	**0.0014**	**0.64**	**<0.001**	**0.19**	**0.0027**	**<2**	**<0.25**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<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**												
Background Wells																																																										
B-923U	11/2/2022	N	7.49	60	8.1	<0.1	<10	<1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-923U	4/19/2023	N	Sampling not required as part of permit monitoring																																																							
B-924U	11/2/2022	N	Sampling not required as part of permit monitoring																																																								
B-924U	4/19/2023	N	6.98	90	7	<0.1	<10	<1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-924L	11/2/2022	N	Sampling not required as part of permit monitoring																																																								
B-924L	4/19/2023	N	Sampling not required as part of permit monitoring																																																								
B-925U	11/2/2022	N	6.73	61	7.6	<0.1	<10	<1	<0.5	<0.5					*0.41*		0.015		<2	<0.25																																						
B-925U	4/19/2023	N	Sampling not required as part of permit monitoring																																																								
B-925L	11/2/2022	N	Sampling not required as part of permit monitoring																																																								
B-925L	4/19/2023	N	Sampling not required as part of permit monitoring																																																								
Release Detection Wells Outside the GMZ																																																										
MW-603	11/2/2022	N	6.8	75	12.9	<0.1	<10	2.3	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
MW-603	4/19/2023	N	7.12	76	9.4	<0.1	<10	2.3	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-903U	11/1/2022	N	To be sampled in December 2022																																																								
B-903U	12/1/2022	N	*5.99*	92	6.72	<0.1	<10	1.8	1.1	<0.5	<0.001	<0.0005	0.011	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	✓											
B-903U	3/20/2023	N	7.07	91	7.2	<0.1	<10	1.9	0.89	<0.5	<0.001	<0.0005	0.0066	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	✓											
B-903U	4/19/2023	N	Sampled in March 2023																																																								
B-903L	11/2/2022	N	To be sampled in December 2022																																																									
B-903L	12/1/2022	N	7.48	88	6.35	<0.1	<10	<1	<0.5	<0.5	<0.001	**0.0077**	0.01	<0.001	<0.05	<0.001	0.041	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-903L	3/20/2023	N	7.96	109	7.6	<0.1	<10	<1	<0.5	<0.5	<0.001	**0.0083**	0.0067	<0.001	<0.05	<0.001	0.037	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-903L	4/19/2023	N	Sampled in March 2023																																																								
B-904U	11/1/2022	N	To be sampled in December 2022																																																									
B-904U	12/1/2022	N	6.57	70	6.62	<0.1	<10	1.3	<0.5	<0.5	<0.001	<0.0005	0.0084	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4												
B-904U	3/20/2023	N	7.66	105	8.8	<0.1	<10	2	0.52	<0.5	<0.001	0.00055	0.004	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4												
B-904U	4/19/2023	N	Sampled in March 2023																																																								
B-904L	11/1/2022	N	To be sampled in December 2022																																																									
B-904L	12/1/2022	N	7.1	92	7.9	<0.1	<10	1.6	<0.5	<0.5	<0.001	0.0028	0.048	0.0013	*1.4*	0.0032	***1.4***	0.0021	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-904L	3/20/2023	N	7.02	94	8.3	<0.1	<10	1.7	<0.5	<0.5	<0.001	0.0029	0.014	<0.001	0.085	<0.001	*0.08*	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-904L	4/19/2023	N	Sampled in March 2023																																																								
B-914U	11/1/2022	N	To be sampled in December 2022																																																									
B-914U	12/1/2022	N	*6.36*	78	10.23	<0.1	<10	3.9	0.55	<0.5	<0.001	<0.0005	0.014	<0.001	<0.05	<0.001	<0.005	0.0012	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	✓											
B-914U	3/20/2023	N	6.7	76	10.9	<0.1	45	2.5	<0.5	<0.5	<0.001	0.0013	0.0093	<0.001	<0.05	<0.001	*0.087*	<0.001	<2	<0.25	0.13	0.23	0.46	**1.6**	**2**	**2.7**	0.98	**1**	2.1	**0.23**	3.5	0.18	**1.1**	0.14	1.6	2.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓			✓					
B-914U	4/19/2023	N	6.66	71	11.7		<10														<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1																						
B-914L	11/1/2022	N	To be sampled in December 2022																																																									
B-914L	12/1/2022	N	7.18	197	9.2	<0.1	21	2.7	<0.5	<0.5	<0.001	<0.0005	0.05	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	4.84	<4	7.18	<4	<4	<4							✓					
B-914L	3/20/2023	N	7.08	197	5.5	<0.1	<10	14	<0.5	<0.5	<0.001	<0.0005	0.038	<0.001	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	13.7	19.3	17.4	12.1	**19.4**	<4	20.2	<4	<4	<4						✓						
B-914L	4/19/2023	N	Sampled in March 2023																																																								
B-915D	11/1/2022	N	Sampling not required as part of permit monitoring																																																									
B-915D	4/18/2023	N	Sampling not required as part of permit monitoring																																																									
B-916U	11/1/2022	N	*5.65*	76	12.5	<0.1	<10	3.9	<0.5	<0.5					*0.36*		0.028		<2	<0.25																											✓											
B-916U	4/18/2023	N	*6.03*	69	7.3	<0.1	<10	2.3	<0.5	<0.5					<0.05		0.0064		<2	<0.25																											✓					✓						
B-916M	11/1/2022	N	*6.09*	302	9.9	<0.1	<10	56	<0.5	<0.5					<0.05		<0.005		<2	<0.25																											✓					✓						
B-916M	4/18/2023	N	*6.35*	309	8	<0.1	<10	55	<0.5	<0.5					<0.05		<0.005		<2	<0.25																											✓					✓						
B-916D	11/1/2022	N	Sampling not required as part of permit monitoring																																																									
B-916D	4/18/2023	N	Sampling not required as part of permit monitoring																																																									
B-917U	11/1/2022	N	6.94	46	8.9	<0.1	<10	1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-917U	4/18/2023	N	6.92	43	7.4	<0.1	<10	<1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-909	11/1/2022	N	6.8	94	9.6	<0.1	<10	<1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-909	4/18/2023	N	7.04	78	7.2	<0.1	<10	<1	<0.5	<0.5					<0.05		<0.005		<2	<0.25																																						
B-917D	11/1/2022	N	Sampling not required as part of permit monitoring																																																									
B-917D	4/18/2023	N	Sampling not required as part of permit monitoring																																																									
B-918U	11/1/2022	N	*6.2*	172	13.8	<0.1	<10	15	1.2	<0.5					<0.05		<0.005		<2	<0.25																											✓		✓		✓							
B-918U	4/19/2023	N	*6.32*	280	7.8	0.13	<10	46	4.1	<0.5					<0.05		<0.005		<2	<0.25																											✓				✓				✓			
B-918D	11/2/2022	N	Sampling not required as part of permit monitoring																																																									
B-918D	4/19/2023	N	Sampling not required as part of permit monitoring																																																									
B-926U	11/1/2022	N	*6.08*	172	10.6	<0.1	<10	11	<0.5	<0.5					<0.05		***2.6***		<2	<0.25																											✓			✓	✓							
B-926U	4/18/2023	N	*6.04*	254	9.1	0.2	<10	8.5	<0.5	<0.5					<0.05		***3.1***		<2	<0.25																											✓			✓	✓							
B-926L	11/1/2022	N	*6.16*	251	9	<0.1	<10	43	<0.5	<0.5					<0.05		<0.005		<2	<0.25																											✓					✓						
B-926L	4/18/2023	N	*6.38*	254	8.6	<0.1	<10	42	<0.5	<0.5					<0.05		<0.005		<2	<0.25																											✓					✓						
B-927U	11/1/2022	N	*6.21*	334	15.4	<0.1	<10	48	<0.5	<0.5					<0.05		<0.005		<2	<0.25																											✓		✓		✓							
B-927U	4/18/2023	N	*6.45*	356	10.6	<0.1	<10	54	0.54	<0.5					<0.05		<0.005		<2	<0.25																															✓							
B-927L	11/1/2022	N	Sampling not required as part of permit monitoring																																																								
B-927L	4/18/2023	N	Sampling not required as part of permit monitoring																																																									
B-929U	12/1/2022	N	*5.29*	68	3.86	<0.1	<10	1.2	1.6	<0.5	<0.001	<0.0005	0.01	0.0011	<0.05	<0.001	0.0099	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	✓											
B-929U	3/20/2023	N	6.57	84	7.7	<0.1	<10	1.8	1.9	<0.5	<0.001	<0.0005	0.0065	0.0013	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4												
B-929U	4/19/2023	N	Sampled in March 2023																																																								
B-929L	12/1/2022	N	*6.47*	101	5.59	<0.1	15	1.6	1.4	<0.5	<0.001	0.00051	0.015	<0.001	<0.05	<0.001	0.046	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	✓											
B-929L	3/20/2023	N	6.93	83	7.1	<0.1	<10	1.7	1.3	<0.5	<0.001	<0.0005	0.009	0.0012	0.091	<0.001	0.0095	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4												
B-929L	4/19/2023	N	Sampled in March 2023																																																								
B-930U	12/1/2022	N	7.32	87	5.87	<0.1	<10	1.3	<0.5	<0.5	<0.001	<0.0005	0.013	0.0012	0.089	<0.001	0.018	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4												
B-930U	3/20/2023	N	7.26	96	6.5	<0.1	<10	<1	<0.5	<0.5	<0.001	<0.0005	0.0084	0.0019	<0.05	<0.001	<0.005	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4											✓	
B-930U	4/19/2023	N	Sampled in March 2023																																																								
B-930L	12/1/2022	N	7.99	102	5.73	<0.1	<10	<1	<0.5	<0.5	<0.001	**0.0051**	0.013	<0.001	<0.05	<0.001	*0.099*	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-930L	3/20/2023	N	7.72	113	6.4	<0.1	<10	<1	<0.5	<0.5	<0.001	**0.0051**	0.0096	<0.001	<0.05	<0.001	*0.071*	<0.001	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				✓								
B-930L	4/19/2023	N	Sampled in March 2023																																																								

TABLE 1
Evaluation of Background Exceedances – Groundwater Samples – April 2023
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

			SU	uS/cm	C	mg/L	mg/L											
Sample Location	**Sample Date**	**Sample Type**	**pH**	**Specific Conductance**	**Temperature**	**Bromide**	**Chemical Oxygen Demand (COD)**	**Chloride**	**Nitrate**	**Total Kjeldahl Nitrogen (TKN)**	**Antimony, Dissolved**	**Arsenic, Dissolved**	**Barium, Dissolved**	**Chromium, Dissolved**	**Iron, Dissolved**	**Lead, Dissolved**	**Manganese, Dissolved**	**Nickel, Dissolved**
GW-1 (AGQS)									**10**		**0.006**	**0.005**	**2**	**0.1**		**0.015**	**0.3**	**0.1**
SMCL			**6.5-8.5**					**250**							**0.3**		**0.05**	
Background 2022-11			**6.5-9.3**	**186**	**5.6-13.5**	**0.1, 0.4 §**	**20**	**4**	**2.5**	**0.92**	**<0.001**	**0.0011**	**0.025**	**0.0014**	**0.64**	**<0.001**	**0.19**	**0.0027**
Background 2023-04			**6.4-9.0**	**160**	**5.4-12.9**	**0.1, 0.4 §**	**15**	**1.8**	**2.5**	**0.92**	**<0.001**	**0.00051**	**0.025**	**0.0014**	**0.64**	**<0.001**	**0.19**	**0.0027**
B-931U	12/1/2022	N	7.14	79	6.61	<0.1	<10	2	<0.5	<0.5	<0.001	0.00051	0.0089	<0.001	0.11	<0.001	0.0076	<0.001
B-931U	3/20/2023	N	7.62	95	7.1	<0.1	<10	1.9	<0.5	<0.5	<0.001	0.00068	0.0035	<0.001	<0.05	<0.001	<0.005	<0.001
B-931U	4/19/2023	N	Sampled in March 2023															
B-931L	12/1/2022	N	7.02	86	7.26	<0.1	<10	2.2	<0.5	<0.5	<0.001	<0.0005	0.013	<0.001	<0.05	<0.001	*0.17*	<0.001
B-931L	3/20/2023	N	7.27	107	5.6	<0.1	<10	2.1	<0.5	<0.5	<0.001	<0.0005	0.0077	<0.001	<0.05	<0.001	*0.065*	<0.001
B-931L	4/19/2023	N	Sampled in March 2023															
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	11/1/2022	N	7.19	134	17	<0.1	66	3.4	<0.5	<0.5					*3.6*		*0.25*	
B-927M	4/18/2023	N	7.37	140	14.4	<0.1	48	3.6	<0.5	0.68					*3.3*		*0.26*	
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	11/2/2022	N	6.51	223	10.9	<0.1	<10	20	<0.5	<0.5					<0.05		0.016	
B-918M	1/4/2023	N	6.95	190	9	<0.1	<10	15	<0.5	<0.5					<0.05		0.011	
B-918M	4/19/2023	N	6.64	180	9.4	<0.1	<10	12	<0.5	<0.5					<0.05		0.011	
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	11/2/2022	N	6.68	228	11.1	<0.1	<10	8.5	0.52	0.71					<0.05		***1.2***	
MW-701	1/4/2023	N	6.7	230	7.5	<0.1	<10	7	0.97	<0.5					<0.05		***1.2***	
MW-701	4/19/2023	N	*6.47*	238	6.4	<0.1	<10	5	2	0.53					<0.05		***1.3***	
B-915U	11/1/2022	N	6.64	146	10.4	<0.1	<10	5.8	0.6	<0.5					<0.05		<0.005	
B-915U	4/18/2023	N	6.94	139	8.7	<0.1	<10	3.6	<0.5	<0.5					<0.05		<0.005	
B-915M	11/1/2022	N	*6.21*	326	9.3	<0.1	<10	65	<0.5	<0.5					<0.05		<0.005	
B-915M	4/18/2023	N	*6.31*	344	8.3	<0.1	<10	65	<0.5	<0.5					<0.05		<0.005	
Release Detection Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill																		
B-919D	11/2/2022	N	7.06	96	13.8	<0.1	<10	2.3	<0.5	<0.5	<0.001	0.0012	0.013	<0.001	0.076	<0.001	0.026	<0.001
B-919D	4/18/2023	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-801	11/1/2022	N	7.05	109	13.4	<0.1	<10	2.4	<0.5	<0.5		**0.0094**			*6.2*		***4.1***	
MW-801	4/19/2023	N	6.92	128	9.2	<0.1	<10	3	<0.5	<0.5		**0.0098**			*8*		***4.6***	
MW-802	11/1/2022	N	*6.41*	310	17.4	0.11	11	34	<0.5	0.63		**0.021**			*19*		***2.7***	
MW-802	4/19/2023	N	*6.32*	308	13.9	0.12	11	29	<0.5	0.6		**0.019**			*19*		***2.6***	
MW-803	11/1/2022	N	*6.3*	393	18.2	0.26	59	13	<0.5	1.7		**0.069**			*55*		***5.5***	
MW-803	11/1/2022	FD				0.25	71	13	<0.5	2		**0.069**			*54*		***5.5***	
MW-803	4/19/2023	N	*6.38*	401	14.2	0.22	78	13	<0.5	1.8		**0.07**			*54*		***6.5***	
MW-803	4/19/2023	FD				0.21	78	12	<0.5	1.7		**0.071**			*56*		***6.7***	
B-919U	11/2/2022	N	*6.49*	136	11	<0.1	<10	5.3	1.3	<0.5	<0.001	<0.0005	0.01	0.0011	<0.05	<0.001	<0.005	<0.001
B-919U	4/18/2023	N	6.77	108	10.2	<0.1	<10	4	<0.5	<0.5		0.00056			<0.05		<0.005	
B-919M	11/2/2022	N	6.81	154	14.4	<0.1	<10	2.9	<0.5	<0.5	<0.001	**0.045**	0.016	<0.001	*9.4*	<0.001	***4.5***	0.001
B-919M	4/18/2023	N	6.87	149	15.3	<0.1	<10	2.8	<0.5	<0.5		**0.053**			*8.6*		***3.5***	
B-928U	11/2/2022	N	6.51	216	10.8	<0.1	<10	22	1.5	<0.5	<0.001	<0.0005	0.016	<0.001	<0.05	<0.001	<0.005	<0.001
B-928U	4/18/2023	N	6.5	151	9.2	<0.1	<10	9.2	0.61	<0.5					<0.05		<0.005	
B-928D	11/2/2022	N	*6.28*	283	10.8	0.16	<10	31	1.3	0.64	<0.001	<0.0005	0.017	<0.001	<0.05	<0.001	<0.005	<0.001
B-928D	4/18/2023	N	6.72	233	9.6	<0.1	<10	20	0.94	<0.5					<0.05		<0.005	
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	11/2/2022	N	6.74	336	12.7	0.1	<10	22	1.9	<0.5	<0.001	<0.0005	0.018	<0.001	0.097	<0.001	<0.005	0.001
B-304UR	4/18/2023	N	6.99	184	11.4	<0.1	<10	16	<0.5	<0.5					<0.05		<0.005	
B-304DR	11/2/2022	N	*6.44*	328	15.3	0.11	<10	37	1.2	<0.5	<0.001	<0.0005	0.035	<0.001	<0.05	<0.001	***2.4***	0.01
B-304DR	11/2/2022	FD				0.11	<10	37	1.2	<0.5					<0.05		***2.3***	
B-304DR	4/18/2023	N	6.7	344	13.3	0.14	<10	36	1.6	<0.5					<0.05		***2.2***	
B-304DR	4/18/2023	FD				0.14	<10	37	1.6	<0.5					<0.05		***2.3***	
Groundwater Management Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill																		
B-102S	11/1/2022	N	To be sampled in December 2022															
B-102S	12/6/2022	N	6.85	109	10.7	<0.1	56	3	<0.5	<0.5	0.0013	<0.0005	0.12	<0.001	*0.44*	<0.001	***4.6***	0.0022
B-102S	3/20/2023	N	6.61	115	9.3	<0.1	<10	3.7	0.5	<0.5	<0.001	<0.0005	0.09	<0.001	<0.05	<0.001	***2***	0.0019
B-102S	4/19/2023	N	Sampled in March 2023															
B-102D	11/1/2022	N	To be sampled in December 2022															
B-102D	12/1/2022	N	*6.08*	89	10.09	<0.1	<10	1.7	<0.5	<0.5	<0.001	**0.061**	0.0096	<0.001	*9.9*	<0.001	***1.2***	<0.001
B-102D	3/20/2023	N	6.8	105	11.5	<0.1	<10	1.6	<0.5	0.61	<0.001	**0.06**	0.0092	<0.001	*9.9*	<0.001	***1.2***	<0.001
B-102D	4/19/2023	N	Sampled in March 2023															
B-103S	11/1/2022	N	6.87	152	13.1	<0.1	<10	9.5	<0.5	<0.5					*9.7*		***2.6***	
B-103S	4/18/2023	N	7.1	125	11.7	<0.1	<10	4.3	<0.5	<0.5					*8.3*		***2***	
B-103D	11/1/2022	N	6.97	101	12.9	<0.1	<10	2	<0.5	<0.5					*4.5*		***1.1***	
B-103D	4/18/2023	N	7.08	101	12	<0.1	<10	2	<0.5	0.56					*4.2*		***1.1***	
MW-604	11/2/2022	N	7.18	298	12.9	<0.1	<10	25	<0.5	<0.5	<0.001	0.00061	0.091	<0.001	<0.05	<0.001	*0.052*	<0.001
MW-604	4/18/2023	N	Sampling not required as part of permit monitoring															

			ug/L																		ng/L									
Sample Location	**Sample Date**	**Sample Type**	**Dichlorodifluoromethane (CFC12)**	**Dioxane (1,4-)**	**Acenaphthene**	**Acenaphthylene**	**Anthracene**	**Benzo(a)anthracene**	**Benzo(a)pyrene**	**Benzo(b)fluoranthene**	**Benzo(g,h,i)perylene**	**Benzo(k)fluoranthene**	**Chrysene**	**Dibenz(a,h)anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd)pyrene**	**Naphthalene**	**Phenanthrene**	**Pyrene**	**Perfluorobutanoic Acid (PFBA) [3]**	**Perfluoropentanoic Acid (PFPeA) [4]**	**Perfluorohexanoic Acid (PFHxA) [5]**	**Perfluoroheptanoic Acid (PFHpA) [6]**	**Perfluorooctanoic Acid (PFOA) [7]**	**Perfluorononanoic Acid (PFNA) [8]**	**Perfluorobutanesulfonic Acid (PFBS) [4S]**	**Perfluorohexanesulfonic acid (PFHxS) [6S]**	**Perfluorooctanesulfonic Acid (PFOS) [8S]**	**1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)**
GW-1 (AGQS)			**1000**	**0.32**	**420**	**420**	**2100**	**0.1**	**0.2**	**0.1**	**210**	**0.5**	**5**	**0.1**	**280**	**280**	**0.1**	**100**	**210**	**210**					**12**	**11**		**18**	**15**	
SMCL																														
Background 2022-11			**<2**	**<0.25**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<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**
Background 2023-04			**<2**	**<0.25**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<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**
B-931U	12/1/2022	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-931U	3/20/2023	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-931L	12/1/2022	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-931L	3/20/2023	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-927M	11/1/2022	N	10	<0.25																										
B-927M	4/18/2023	N	13	<0.25																										
B-918M	11/2/2022	N	<2	<0.25																	10.1	18.1	24.1	11.9	**34.9**	5.83	<4	<4	9.59	<4
B-918M	1/4/2023	N	<2	<0.25																	6.4	10	12.4	6.27	**20.4**	4.06	<4	4.08	6.73	<4
B-918M	4/19/2023	N	<2	<0.25																	<4	5.81	7.51	4.00	**12.9**	<4	<4	<4	5.35	<4
MW-701	11/2/2022	N	<2	<0.25																	6.75	8.68	9.9	4.04	6.1	<4	<4	<4	4.96	<4
MW-701	1/4/2023	N	<2	<0.25																	6.11	6.89	8.09	<4	6.14	<4	<4	<4	5.21	<4
MW-701	4/19/2023	N	<2	<0.25																	4.38	5.4	6.55	<4	4.43	<4	<4	<4	5.91	<4
B-915U	11/1/2022	N	<2	<0.25																										
B-915U	4/18/2023	N	<2	<0.25																										
B-915M	11/1/2022	N	<2	<0.25																										
B-915M	4/18/2023	N	<2	<0.25																										
B-919D	11/2/2022	N	<2	<0.25																	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
MW-801	11/1/2022	N	<2	<0.25																										
MW-801	4/19/2023	N	<2	<0.25																										
MW-802	11/1/2022	N	<2	<0.25																										
MW-802	4/19/2023	N	<2	<0.25																										
MW-803	11/1/2022	N	<2	<0.25																										
MW-803	11/1/2022	FD	<2	<0.25																										
MW-803	4/19/2023	N	<2	<0.25																										
MW-803	4/19/2023	FD	<2	<0.25																										
B-919U	11/2/2022	N	<2	<0.25																	10.8	15.6	19.9	13.1	**23.4**	<4	14.8	<4	<4	<4
B-919U	4/18/2023	N	<2	<0.25																										
B-919M	11/2/2022	N	<2	<0.25																	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-919M	4/18/2023	N	<2	<0.25																										
B-928U	11/2/2022	N	<2	<0.25																	13.3	13.2	18	13.3	**19.1**	<4	10.4	<4	<4	<4
B-928U	4/18/2023	N	<2	<0.25																										
B-928D	11/2/2022	N	<2	**0.71**																	25.1	16.3	20.8	8.39	8.49	<4	14.7	<4	<4	<4
B-928D	4/18/2023	N	<2	0.26																										
B-304UR	11/2/2022	N	<2	**0.38**																	27	19.2	26.1	7.04	8.34	<4	22.9	<4	<4	<4
B-304UR	4/18/2023	N	<2	<0.25																										
B-304DR	11/2/2022	N	<2	**0.43**																	19.7	21.8	26.8	18.3	**63.4**	<4	12.9	**18.8**	<4	6.99
B-304DR	11/2/2022	FD	<2	**0.41**																										
B-304DR	4/18/2023	N	2.1	**0.5**																										
B-304DR	4/18/2023	FD	2.2	**0.5**																										
B-102S	12/6/2022	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	4.77	<4	<4	<4
B-102S	3/20/2023	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	4.12	5.02	4.24	<4	5.5	4.82	<4	<4
B-102D	12/1/2022	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-102D	3/20/2023	N	<2	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
B-103S	11/1/2022	N	<2	<0.25																										
B-103S	4/18/2023	N	<2	<0.25																										
B-103D	11/1/2022	N	<2	<0.25																										
B-103D	4/18/2023	N	<2	<0.25																										
MW-604	11/2/2022	N	<2	<0.25																	4.01	4.38	6.58	5.87	11	<4	<4	<4	<4	<4

			Inferred Context for Background Exceedance											
			1	2	3	4	5	6	7	8	9	10	11	
Sample Location	**Sample Date**	**Sample Type**	pH below background downgradient of/adjacent to lined landfill; pH generally 5.2 to 6.2 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.	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.	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.	Comments
B-931U	12/1/2022	N												
B-931U	3/20/2023	N												
B-931L	12/1/2022	N												
B-931L	3/20/2023	N												
B-927M	11/1/2022	N			✓	✓			✓					
B-927M	4/18/2023	N			✓	✓		✓	✓					
B-918M	11/2/2022	N						✓						
B-918M	1/4/2023	N						✓						
B-918M	4/19/2023	N						✓						Refer to Apr. 2023 report for discussion of PFAS.
MW-701	11/2/2022	N				✓	✓							
MW-701	1/4/2023	N				✓	✓							
MW-701	4/19/2023	N				✓	✓							Refer to Apr. 2023 report for discussion of PFAS.
B-915U	11/1/2022	N					✓							
B-915U	4/18/2023	N					✓							
B-915M	11/1/2022	N	✓					✓						
B-915M	4/18/2023	N	✓					✓						
B-919D	11/2/2022	N			✓	✓								
MW-801	11/1/2022	N				✓								
MW-801	4/19/2023	N				✓	✓							
MW-802	11/1/2022	N	✓		✓	✓	✓							
MW-802	4/19/2023	N	✓		✓	✓	✓							
MW-803	11/1/2022	N	✓		✓	✓	✓		✓	✓				
MW-803	11/1/2022	FD				✓	✓		✓	✓				
MW-803	4/19/2023	N	✓		✓	✓	✓		✓	✓				
MW-803	4/19/2023	FD				✓	✓		✓	✓				
B-919U	11/2/2022	N	✓				✓							
B-919U	4/18/2023	N					✓							Refer to Apr. 2023 report for discussion of arsenic
B-919M	11/2/2022	N			✓	✓								
B-919M	4/18/2023	N			✓	✓	✓							
B-928U	11/2/2022	N					✓							
B-928U	4/18/2023	N					✓							
B-928D	11/2/2022	N	✓				✓							
B-928D	4/18/2023	N					✓							
B-304UR	11/2/2022	N					✓							
B-304UR	4/18/2023	N					✓							
B-304DR	11/2/2022	N	✓		✓	✓	✓						✓	
B-304DR	11/2/2022	FD				✓	✓							
B-304DR	4/18/2023	N			✓	✓	✓							
B-304DR	4/18/2023	FD				✓	✓							
B-102S	12/6/2022	N				✓			✓					
B-102S	3/20/2023	N				✓								
B-102D	12/1/2022	N	✓			✓								
B-102D	3/20/2023	N				✓								
B-103S	11/1/2022	N				✓	✓							
B-103S	4/18/2023	N				✓	✓							
B-103D	11/1/2022	N				✓								
B-103D	4/18/2023	N				✓		✓						
MW-604	11/2/2022	N					✓				✓		✓	

TABLE 1
Evaluation of Background Exceedances – Groundwater Samples – April 2023
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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

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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
- 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
MUCHMORE ROAD
B-928U
B-928D
S-101
S-1
(MAIN SEEP)
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
B-918D
B-918U
B-918M
MW-803
MW-802
OUTFALL 1
B-916U
B-916M
B-916D
STAGE IV
PHASE I
TOWN DISTRICT II
TOWN DISTRICT V
STORMWATER
POND 5
B-103S
B-103D
MW-801
B-915M
B-915U
B-915D
STAGE V
PHASE I
PHASE II
PHASE II
B-102S
B-102D
B-926L
B-926U
B-914L
B-914U
STORMWWATER
POND 6
STAGE II
PHASE I
MW-603
MW-701
APPROXIMATE
EXTENT OF FORMER
UNLINED LANDFILL
STAGE I
PHASE I
STAGE III
B-904U/L
PHASE III
PHASE II
STAGE IV
PHASE II
PHASE IV
B-903U/L
STAGE VI
B-925U
B-925L
B-924U
B-924L
B-923U

GRAPHICAL SCALE
100' 50' 0 100' 200'

SANBORN HEAD	DRAWN BY: D. DOMBROWSKY DESIGNED BY: G. PANIK REVIEWED BY: T. WHITE PROJECT MGR: M. ESTABROOKS PIC: T. WHITE DATE: MAY 2023	NORTH COUNTRY ENVIRONMENTAL SERVICES, INC. BETHLEHEM, NEW HAMPSHIRE	PROJECT NUMBER: 2637.10
		SITE FEATURES PLAN	FIGURE NUMBER: 1

File:P:\2600s\2637.10\Graphics Files\CAD\TriAnnual Rpt APR23\TriAnn_Rpt_Figs APR23.dwg Plot Date: 5-19-23

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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. REFER TO FIGURE NO. 2 FOR ADDITIONAL NOTES.

LEGEND:

- GROUNDWATER MANAGEMENT ZONE
- 1311.1 — GROUNDWATER ELEVATION RECORDED AT WELL LOCATION IN APRIL 2023
- 1305 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE LESS CONSTRAINED)

AR-3
TIE COURSE S 70°46'29" E 844.45'
AMMONOOSUC RIVER
S-109
S-108
AR-2
AR-1
SF-1
MUCHMORE ROAD
B-928U
1289.3
B-928D
S-101
S-1
(MAIN SEEP)
OUTFALL 2
1290
B-304UR
1291.5
B-304DR
MW-604
1278.1
1295
1280
1285
1300
LAUREL LANE
LIMIT OF WETLANDS
DELINEATED BY B.H. KEITH
ASSOCIATES IN APRIL 1999
STORMWATER
POND 4
B-919M
B-919U
1304.1
B-919D
B-927M
B-927U
1300.0
B-927L
1293.0
B-909
B-917D
1294.0
B-917U
1290
1295
1300
1305
B-918D
B-918U
1303.6
B-918M
MW-803
1303.0
MW-802
1303.0
OUTFALL 1
B-916U
1312.1
B-916M
B-916D
1310
TOWN DISTRICT II
TOWN DISTRICT V
STORMWATER
POND 5
STAGE IV
PHASE I
B-103S
1303.4
B-103D
MW-801
1304.0
B-915M
B-915U
1313.9
B-915D
STAGE V
PHASE I
PHASE II
PHASE II
1305.0
B-102S
1305
B-102D
B-926L
B-926U
1307.0
STORMWWATER
POND 6
STAGE II
PHASE I
B-914L
B-914U
1307.3
MW-603
1308.7
MW-701
1315.9
APPROXIMATE
EXTENT OF FORMER
UNLINED LANDFILL
STAGE I
PHASE I
STAGE III
B-904U/L
1309.9
1310
PHASE III
PHASE II
STAGE IV
PHASE II
PHASE IV
B-903U/L
1311.6
1315
1320
STAGE VI
1325
1330
B-925U
1334.7
B-925L
B-924U
1329.0
B-924L
1318.4
B-923U

SANBORN HEAD

GRAPHICAL SCALE
100' 50' 0 100' 200'

DRAWN BY:	D. DOMBROWSKY
DESIGNED BY:	G. PANIK
REVIEWED BY:	T. WHITE
PROJECT MGR:	M. ESTABROOKS
PIC:	T. WHITE
DATE:	MAY 2023

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.
BETHLEHEM, NEW HAMPSHIRE

PROJECT NUMBER: 2637.10

GROUNDWATER ELEVATION CONTOUR PLAN (APRIL 2023)

FIGURE NUMBER: 2

Appendix A

Background Groundwater Quality Information

Appendix A.1

Summary of Background Groundwater Quality Conditions

TABLE A.1
Calculation of Background Concentrations – Groundwater
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	04-25-18	7.7	120	8.3	<10	<0.1	<1	<0.5	<0.5	0.14	<0.005										
B-923U	07-10-18	6.6	77	13.9	<10	<0.1	1.0	<0.5	<0.5	<0.05	<0.005	<0.001	<0.0005	0.0047	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-923U	11-06-18	7.5	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	8.0	68	6.5	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-923U	07-16-20	7.6	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	7.0	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	7.1	63	4.7	<10	<0.1	1.6	<0.5	0.55	<0.05	<0.005										
B-923U	07-12-22	7.3	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	7.5	60	8.1	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-923U	04-19-23																				
B-924U	04-25-18																				
B-924U	07-10-18																				
B-924U	11-06-18																				
B-924U	04-23-19	6.5	82	8.9	<10	<0.1	<1	1.8	0.92	<0.05	<0.005										
B-924U	07-09-19	6.6	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	6.8	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	6.7	82	9.3																	
B-924U	11-04-20																				
B-924U	04-20-21	6.7	78	7.6	<10	<0.1	1	0.68	0.53	<0.05	<0.005										
B-924U	07-07-21	7.1	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	7.3	98	6.9																	
B-924U	11-02-21	6.7	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	7.0	90	7	<10	<0.1	<1	<0.5	<0.5	<0.05	<0.005										
B-924L	04-25-18																				
B-924L	07-10-18	**10.1**	122	12.1	<10	<0.1	1.2	<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	**9.3**	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	**6.3**	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-925U	04-25-18	7.6	87	7.9	<10	<0.1	<1	<0.5	<0.5	**0.64**	0.19										
B-925U	07-10-18	7.0	118	12.0	<10	<0.1	1.1	1.0	<0.5	0.11	0.067	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
B-925U	11-06-18	7.0	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	7.5	78	7.1	<10	<0.1	<1	<0.5	<0.5	0.064	<0.005										
B-925U	07-16-20	7.7	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	7.6	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	7.0	65	5.6	<10	<0.1	<1	<0.5	0.58	<0.05	<0.005										
B-925U	07-12-22	6.5	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	6.7	61	7.6	<10	<0.1	<1	<0.5	<0.5	**0.41**	0.015										
B-925U	04-19-23																				
B-925L	04-25-18																				
B-925L	07-10-18	**9.0**	160	12.7	14	<0.1	1.8	<0.5	<0.5	<0.05	0.0058										
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	**8.7**	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	7.8	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-929U	11-02-22																				
B-929U	12-01-22	**5.3**	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	**6.6**	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-929L	11-02-22																				
B-929L	12-01-22	6.5	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	6.9	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																				
Minimum Detection		5.3	55	3.9	14	ND	1.0	0.64	0.53	0.064	0.0058	ND	0.00051	0.0035	ND	ND	0.001	ND	0.0021	ND	ND
Maximum Detection		10.1	160	15.4	15	ND	1.8	2.5	0.92	**0.64**	0.19	ND	0.00051	0.025	ND	ND	0.0014	ND	0.0027	ND	ND
Median of Detections		7.0	82	8.1	15	–	1.2	1.25	0.565	0.10	0.012	–	0.00051	0.0086	–	–	0.0012	–	0.0024	–	–
5th Percentile of Detections		6.4	58	5.4	14	–	1.0	0.66	0.533	0.064	0.0059	–	0.00051	0.0042	–	–	0.0011	–	0.00213	–	–
95th Percentile of Detections		9.0	123	12.9	15	–	1.8	2.17	0.869	**0.537**	0.12235	–	0.00051	0.0217	–	–	0.0014	–	0.00267	–	–
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-007

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	NS
B-923U	04-25-18	<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	07-10-18																																	
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-924U	04-25-18																																	
B-924U	07-10-18																																	
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-924L	04-25-18																																	
B-924L	07-10-18	<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-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-925U	04-25-18	<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	07-10-18																																	
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-925L	04-25-18																																	
B-925L	07-10-18	<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-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-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-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																																	
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
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
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-007

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	04-25-18	<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	07-10-18																													
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-924U	04-25-18																													
B-924U	07-10-18																													
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-924L	04-25-18																													
B-924L	07-10-18	<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-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-925U	04-25-18	<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	07-10-18																													
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-925L	04-25-18																													
B-925L	07-10-18	<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-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		<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-929U	11-02-22																													
B-929U	12-01-22	<1	<1	<1	<1	<1	<1		<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		<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-929L	11-02-22																													
B-929L	12-01-22	<1	<1	<1	<1	<1	<1		<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		<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																													
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-007

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	04-25-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-923U	07-10-18																															
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-924U	04-25-18																															
B-924U	07-10-18																															
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-924L	04-25-18																															
B-924L	07-10-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<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-925U	04-25-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
B-925U	07-10-18																															
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-925L	04-25-18																															
B-925L	07-10-18	<10	<1	<1	<1	<1	<1	<1	<1	<5	<0.5	<1	<1	<2	<1	<1	ND	ND															
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-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			<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			<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-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																															
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
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
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-007

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	NS
B-923U	04-25-18																																			
B-923U	07-10-18																																			
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	<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-924U	04-25-18																																			
B-924U	07-10-18																																			
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	<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-924L	04-25-18																																			
B-924L	07-10-18																																			
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-925U	04-25-18																																			
B-925U	07-10-18																																			
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	<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-925L	04-25-18																																			
B-925L	07-10-18																																			
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-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	<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	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929U	04-19-23																																			
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	<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	<1	<5	<5	<1	<5	<5	<10	<2	<2	<5	<0.1	<0.1	<1	<1
B-929L	04-19-23																																			
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	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	<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-007

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-) ¥	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	04-25-18																													
B-923U	07-10-18																													
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-924U	04-25-18																													
B-924U	07-10-18																													
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-924L	04-25-18																													
B-924L	07-10-18																													
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-925U	04-25-18																													
B-925U	07-10-18																													
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-925L	04-25-18																													
B-925L	07-10-18																													
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-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-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																													
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-007

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	04-25-18																			
B-923U	07-10-18	<4.27	<4.27	<4.27	<4.27	<4.27	<4.27						<4.27		<4.27		<4.27			
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-924U	04-25-18																			
B-924U	07-10-18																			
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-924L	04-25-18																			
B-924L	07-10-18																			
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-925U	04-25-18																			
B-925U	07-10-18																			
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-925L	04-25-18																			
B-925L	07-10-18																			
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-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-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																			
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-007

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	04-25-18						
B-923U	07-10-18						
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-924U	04-25-18						
B-924U	07-10-18						
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-924L	04-25-18						
B-924L	07-10-18						
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-925U	04-25-18						
B-925U	07-10-18						
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-925L	04-25-18						
B-925L	07-10-18						
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-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-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						
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.

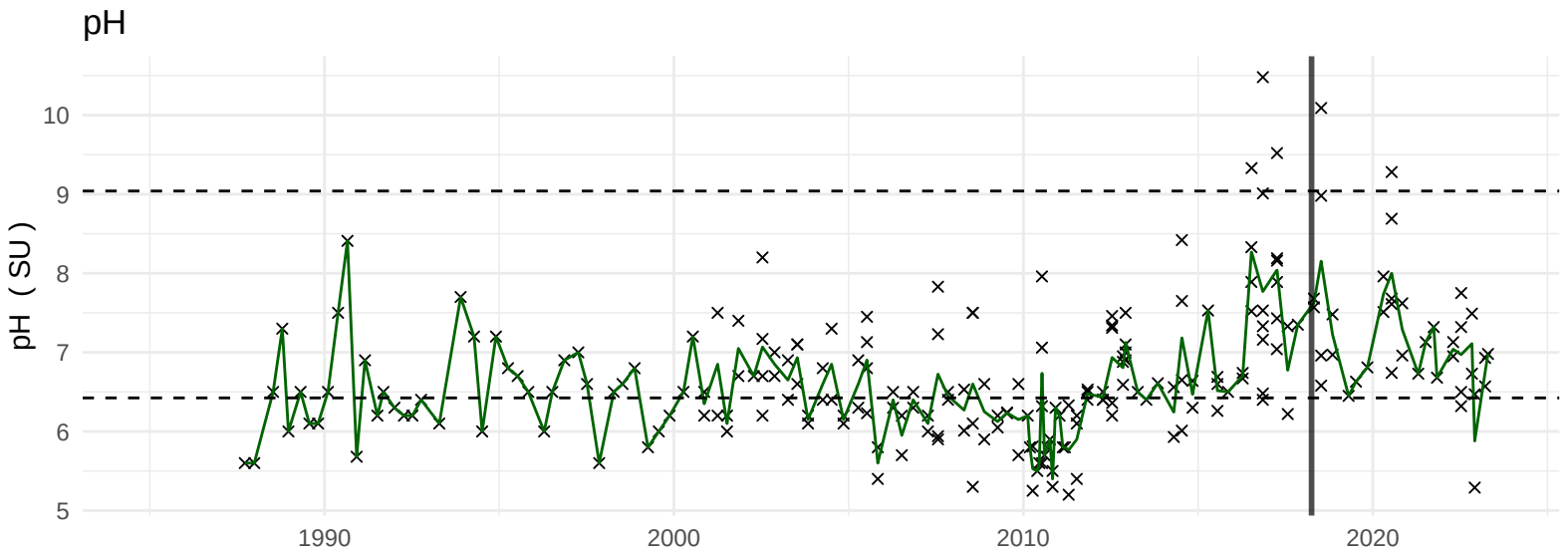
"SMCL" refers to the USEPA Secondary Maximum Contaminant Levels as presented in the National Primary Drinking Water Standards (May 2009). The SMCLs are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor.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

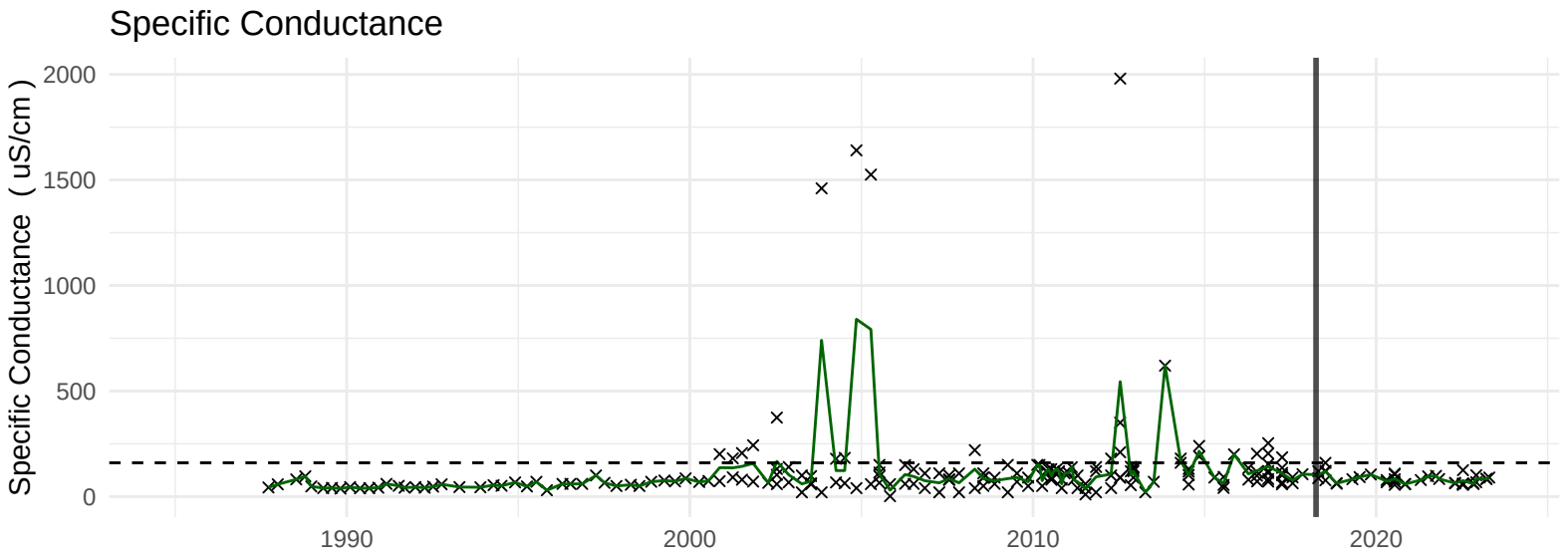
5. **Bold** values exceed the GW-1 Groundwater Standard (or SMCL if no GW-1 Groundwater Standard is available) for that analyte.
Green shading indicates the calculated background concentration.

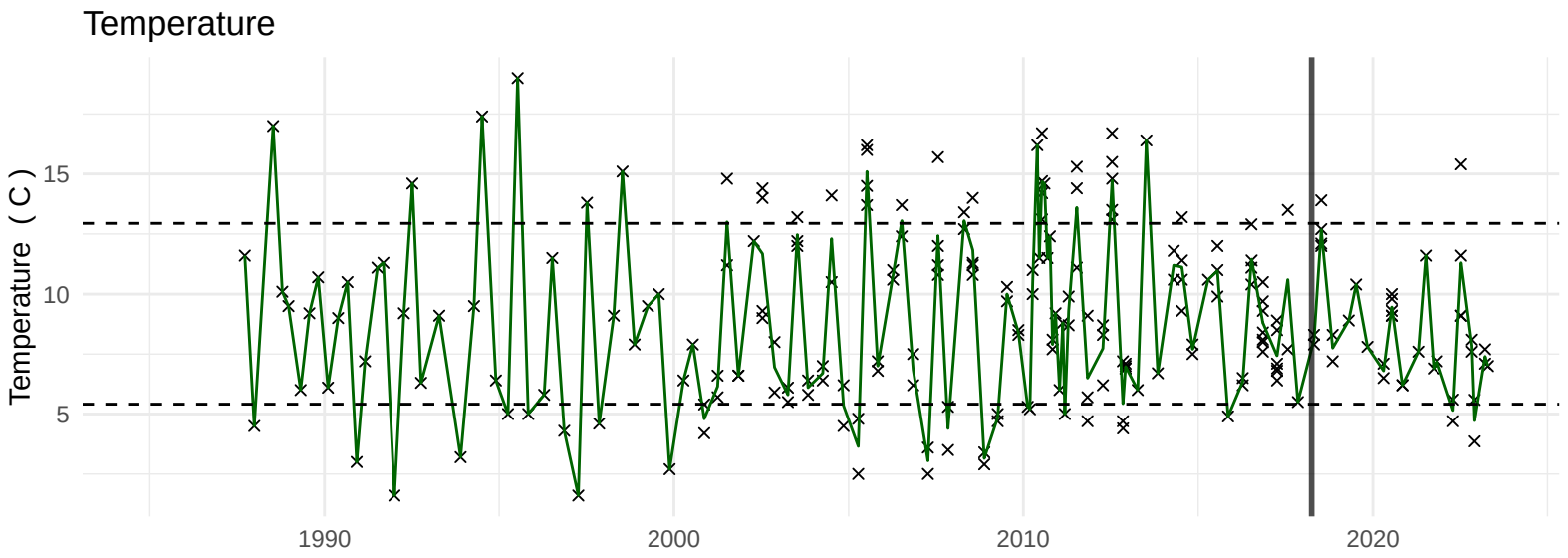
6. Appendix A.1 includes a description of the assessment of background groundwater conditions at the NCES Landfill. Appendix A.1 also includes a discussion of the selection of monitoring wells used to develop background groundwater values, as well as the period of record used to identify background values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

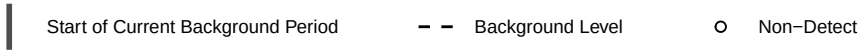
Appendix A.2

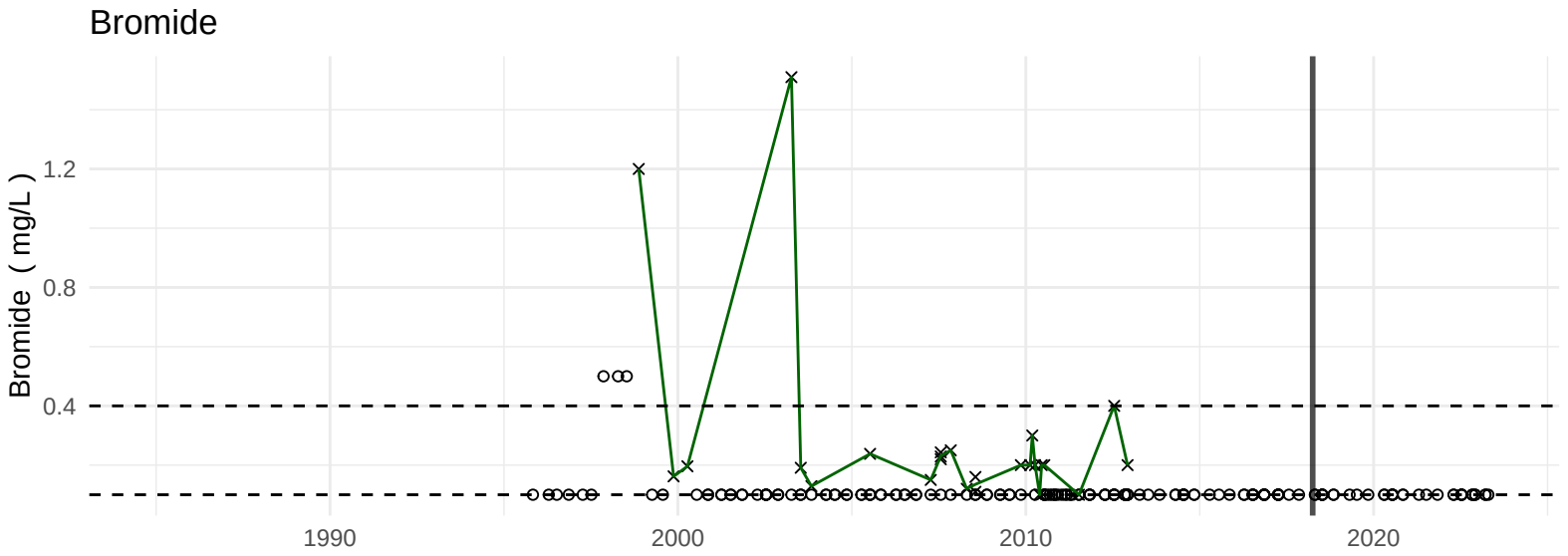
Site Background Groundwater Quality Time-Series Plots

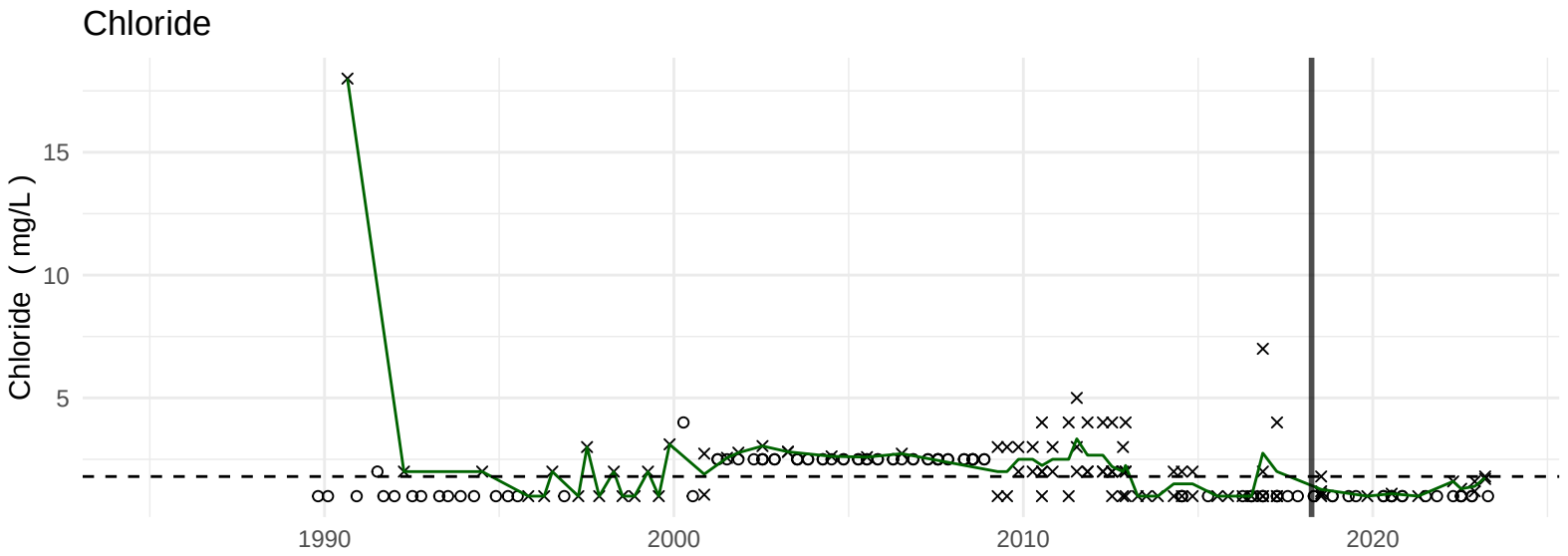

pH
pH (SU)
10
9
8
7
6
5
1990
2000
2010
2020

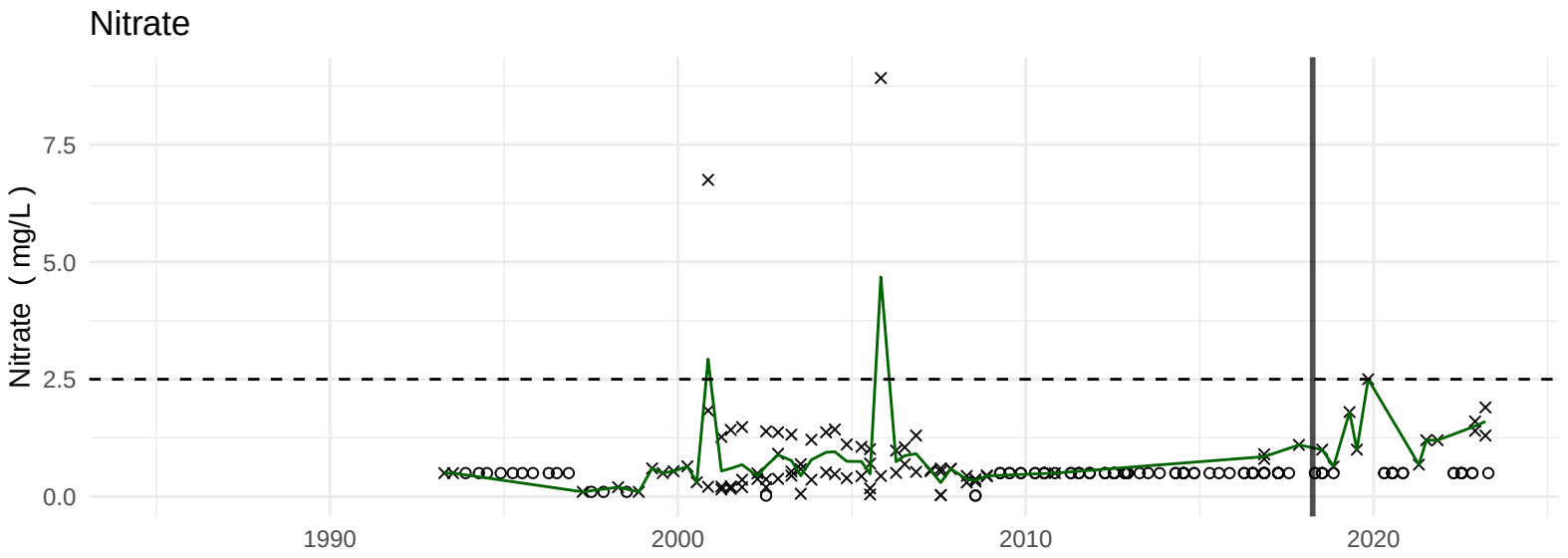

Specific Conductance
Specific Conductance (uS/cm)
2000
1500
1000
500
0
1990
2000
2010
2020

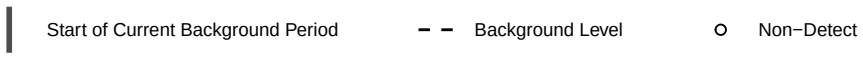

Temperature
Temperature (C)
15
10
5
1990
2000
2010
2020


Start of Current Background Period
Background Level
Non−Detect

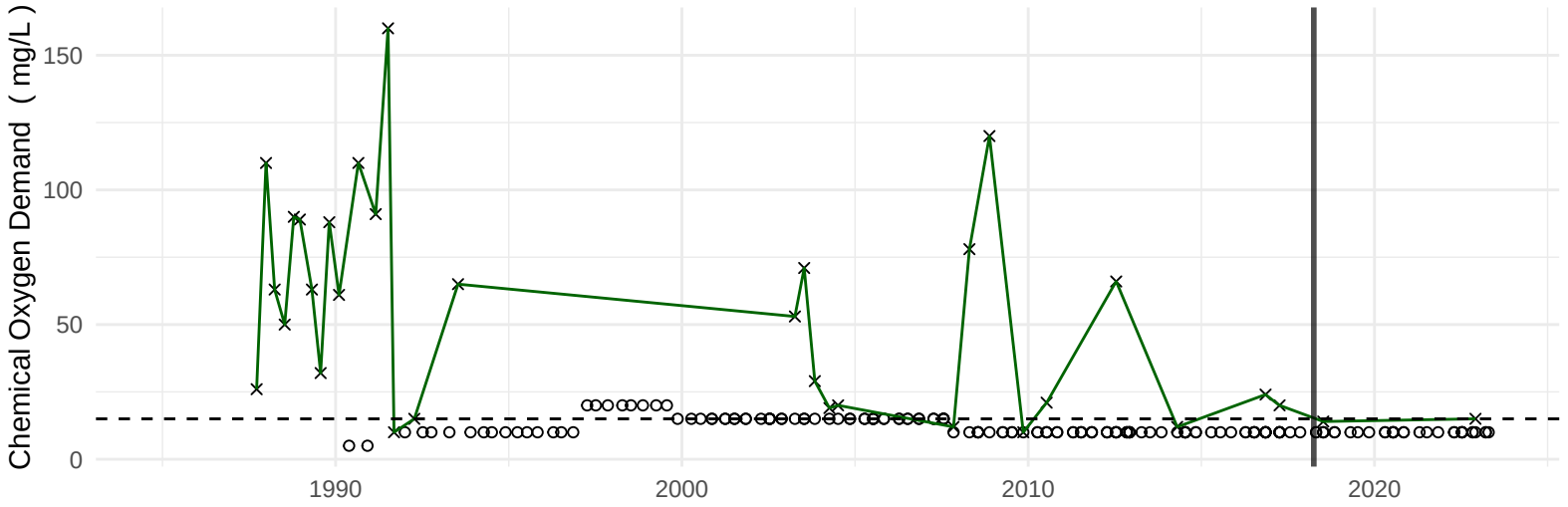

Bromide
Bromide (mg/L)
1.2
0.8
0.4
1990
2000
2010
2020


Chloride
Chloride (mg/L)
15
10
5
1990
2000
2010
2020

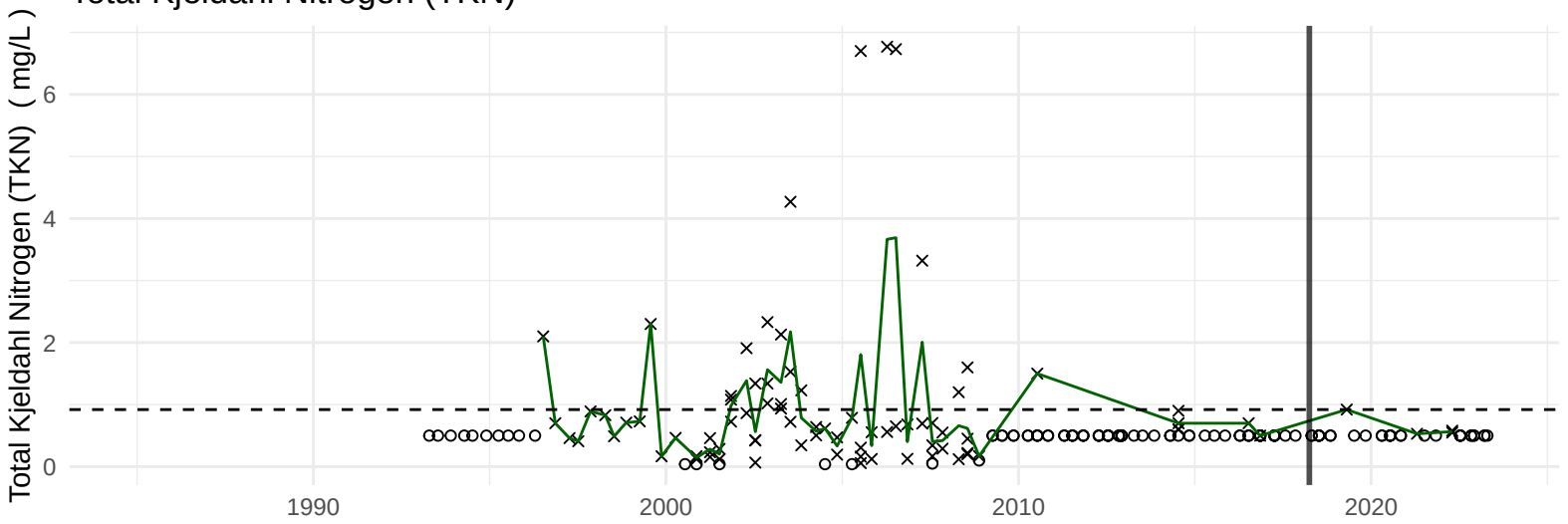

Nitrate
Nitrate (mg/L)
7.5
5.0
2.5
0.0
1990
2000
2010
2020


Start of Current Background Period
Background Level
Non−Detect

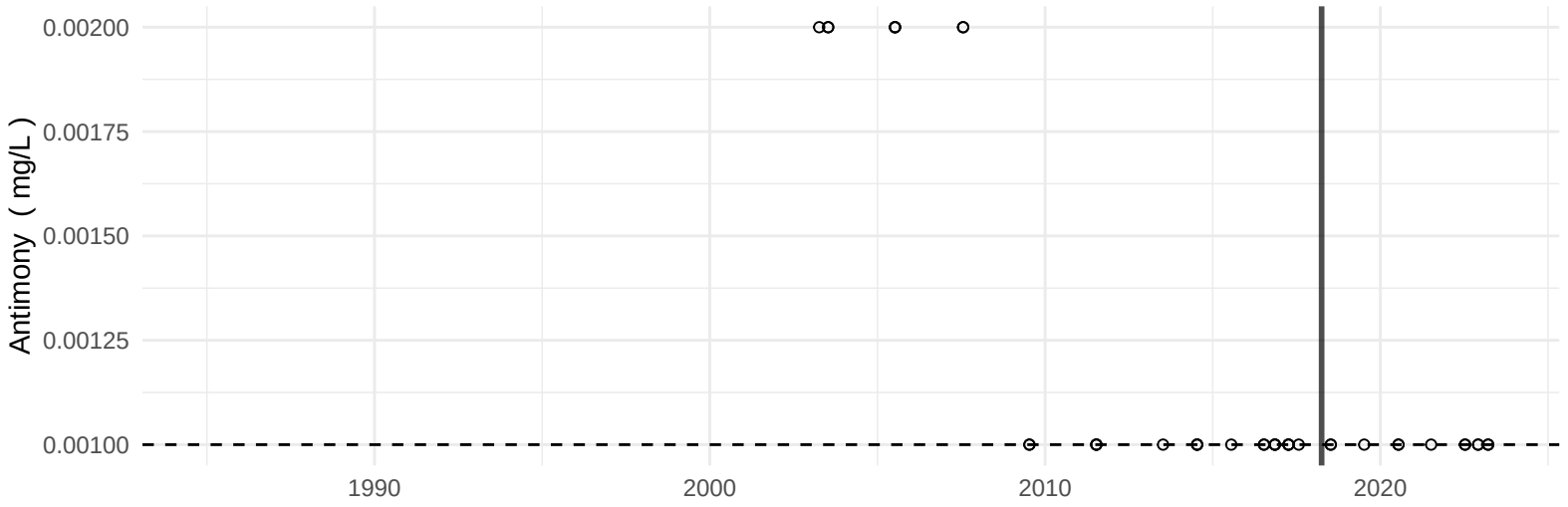
Chemical Oxygen Demand



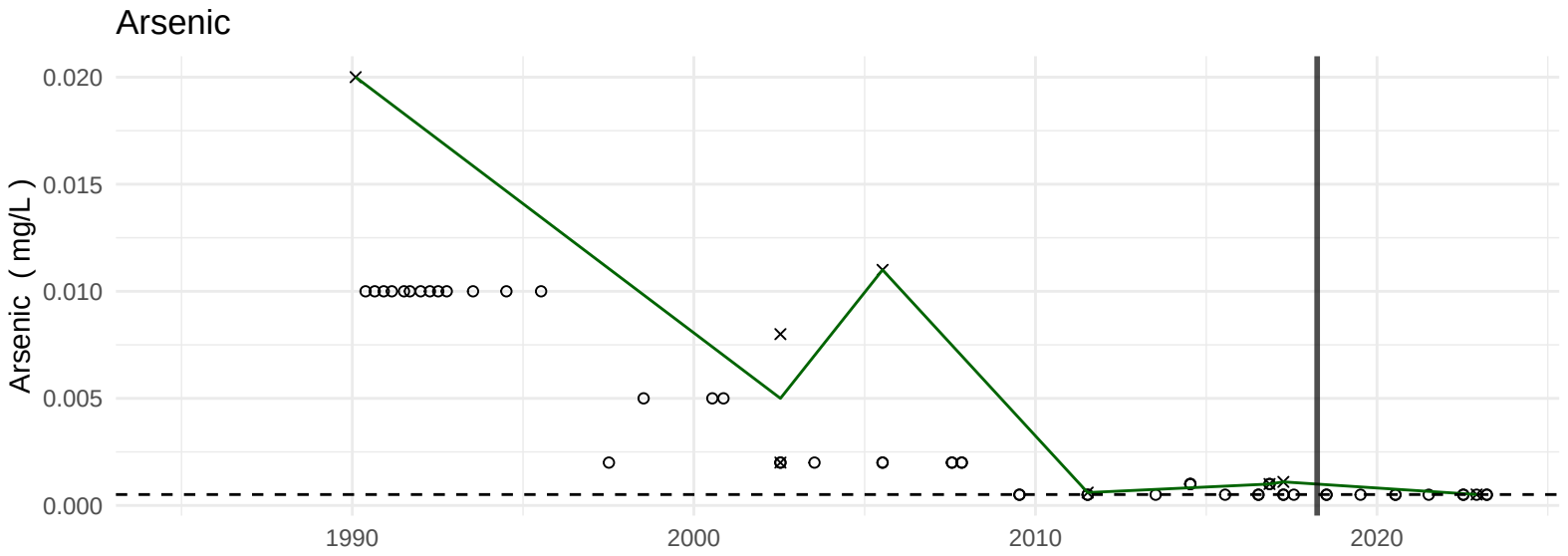
Total Kjeldahl Nitrogen (TKN)

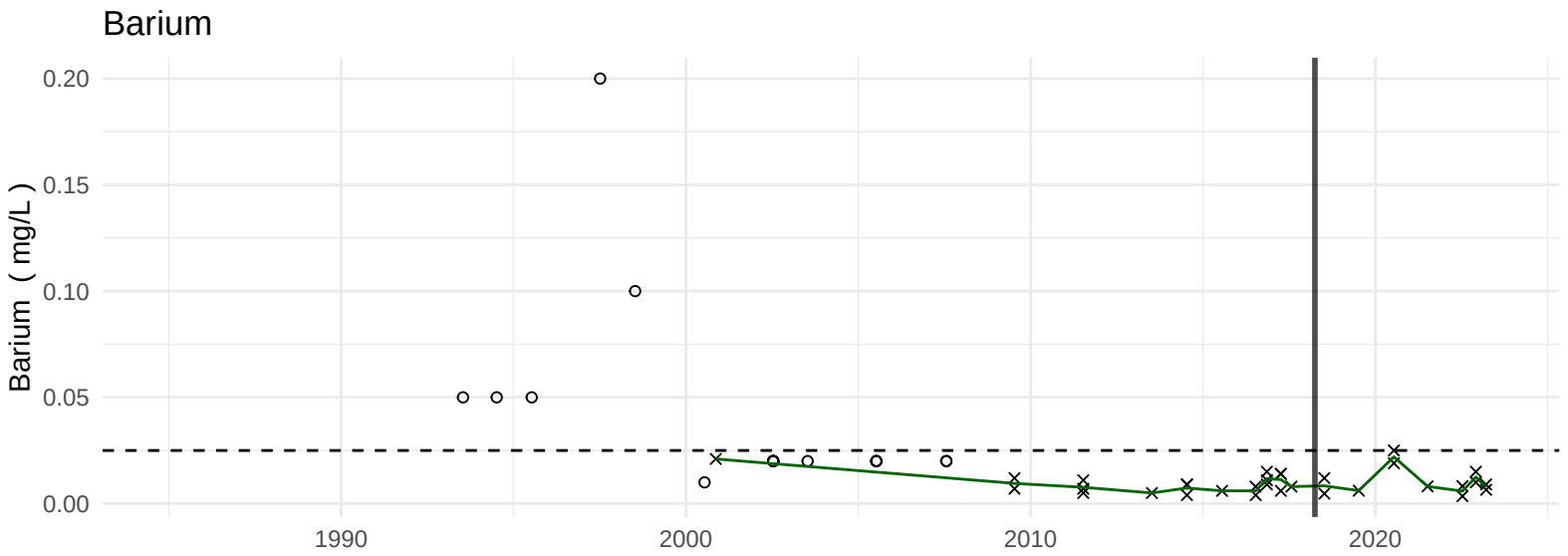


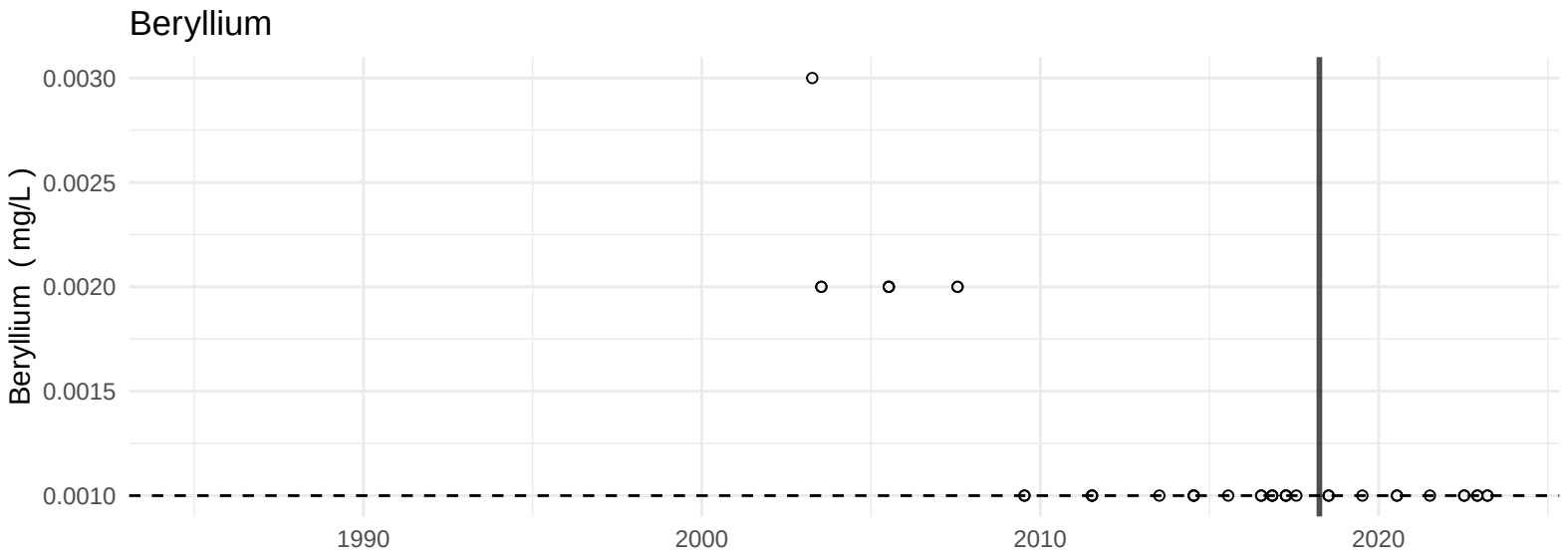
Antimony

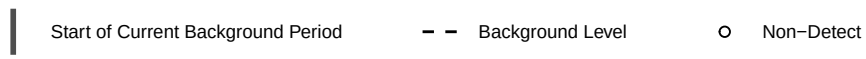


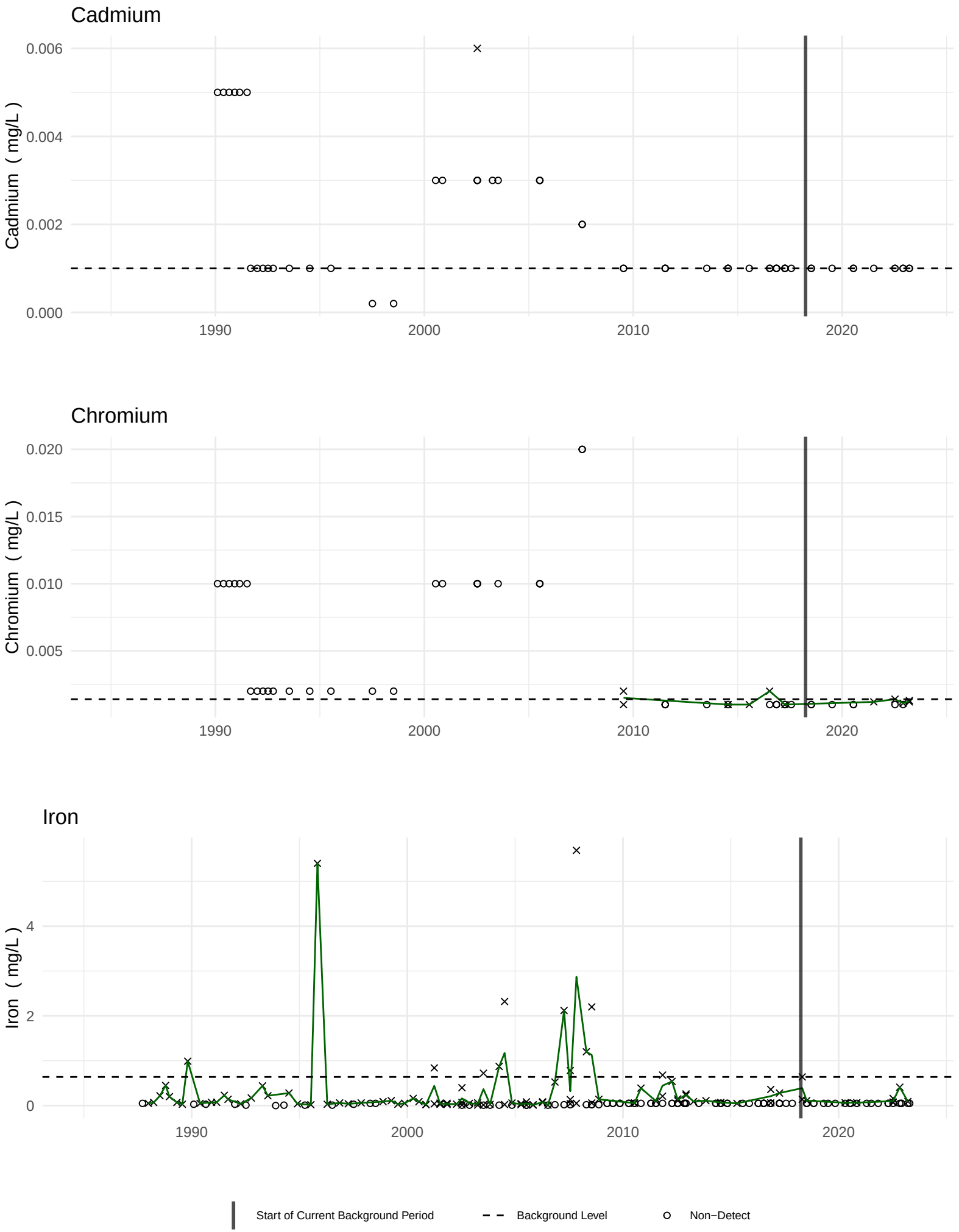
Start of Current Background Period Background Level Non−Detect

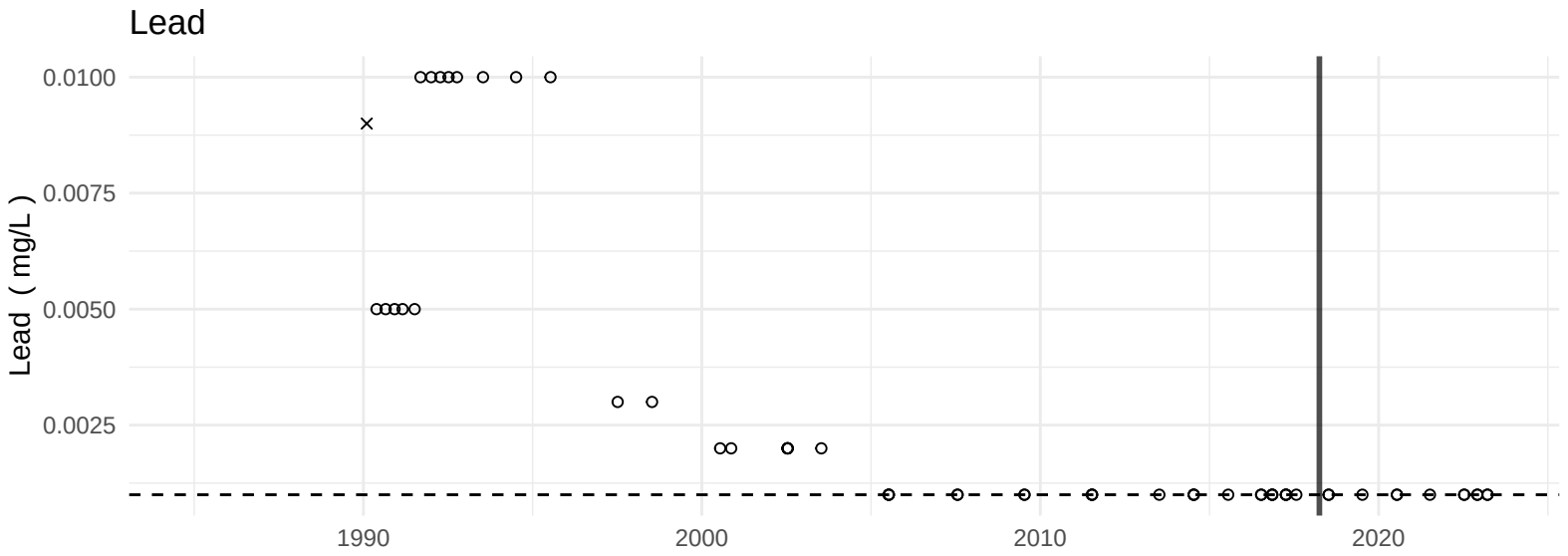

Arsenic
Arsenic (mg/L)
0.020
0.015
0.010
0.005
0.000
1990
2000
2010
2020

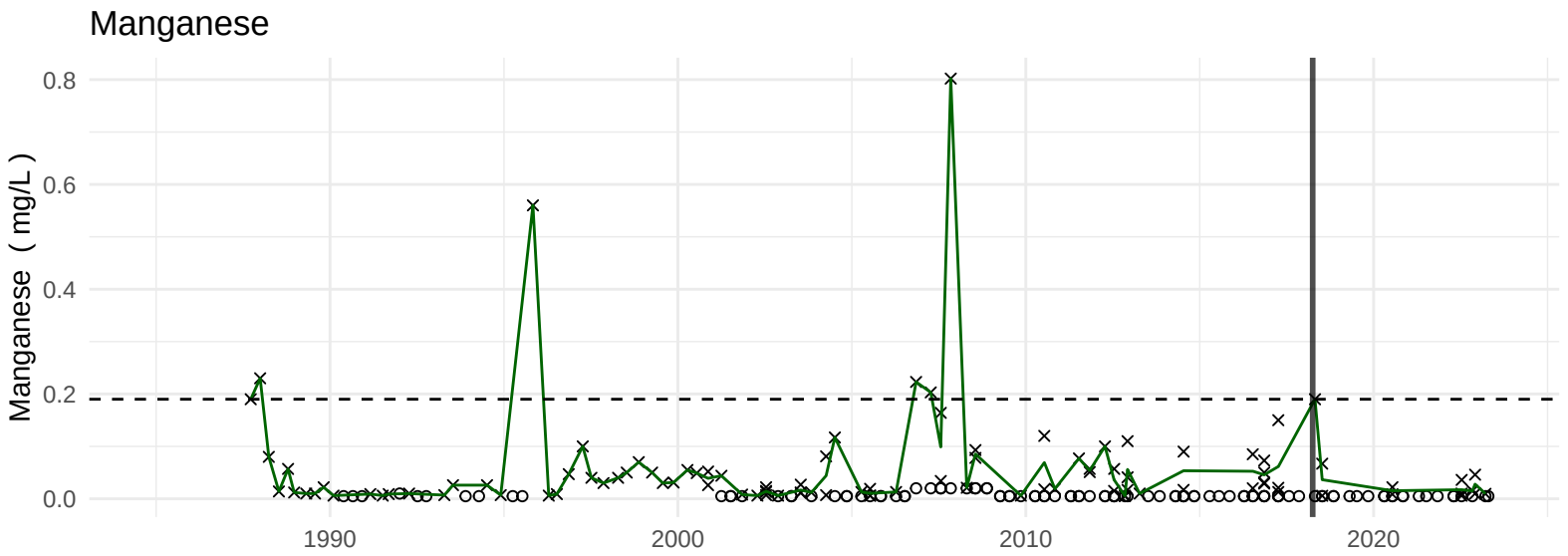

Barium
Barium (mg/L)
0.20
0.15
0.10
0.05
0.00
1990
2000
2010
2020

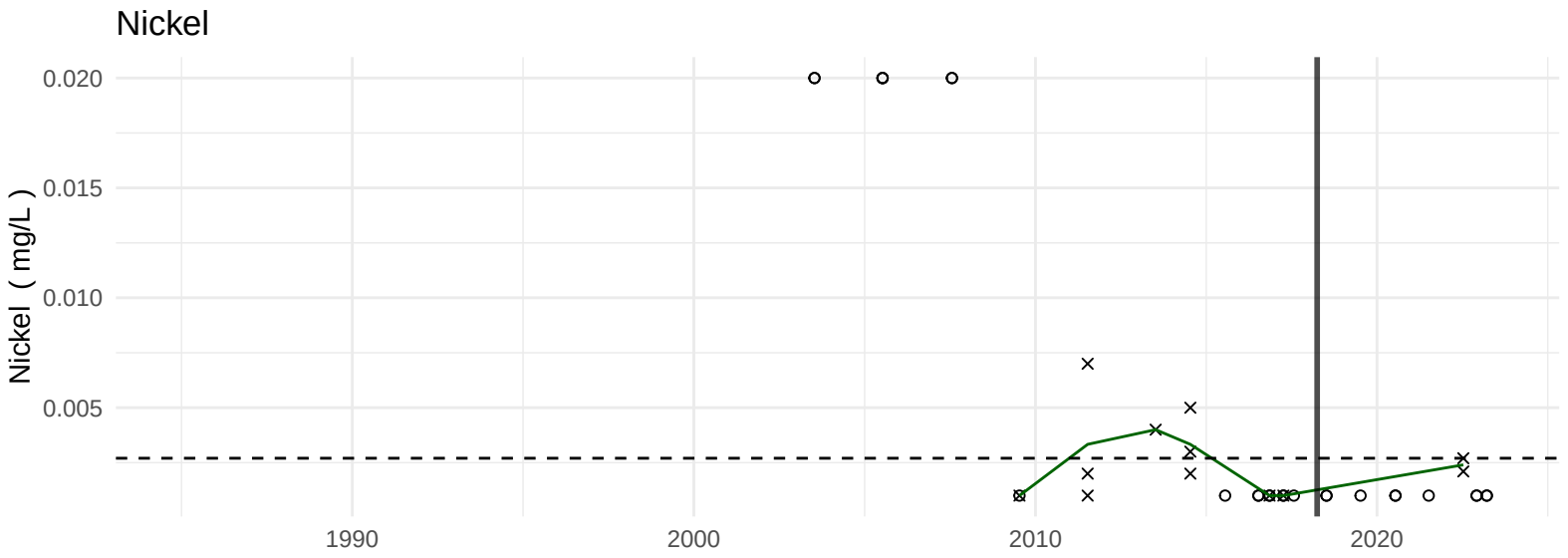

Beryllium
Beryllium (mg/L)
0.0030
0.0025
0.0020
0.0015
0.0010
1990
2000
2010
2020

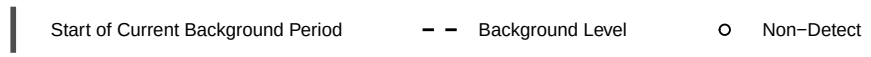

Start of Current Background Period
Background Level
Non−Detect

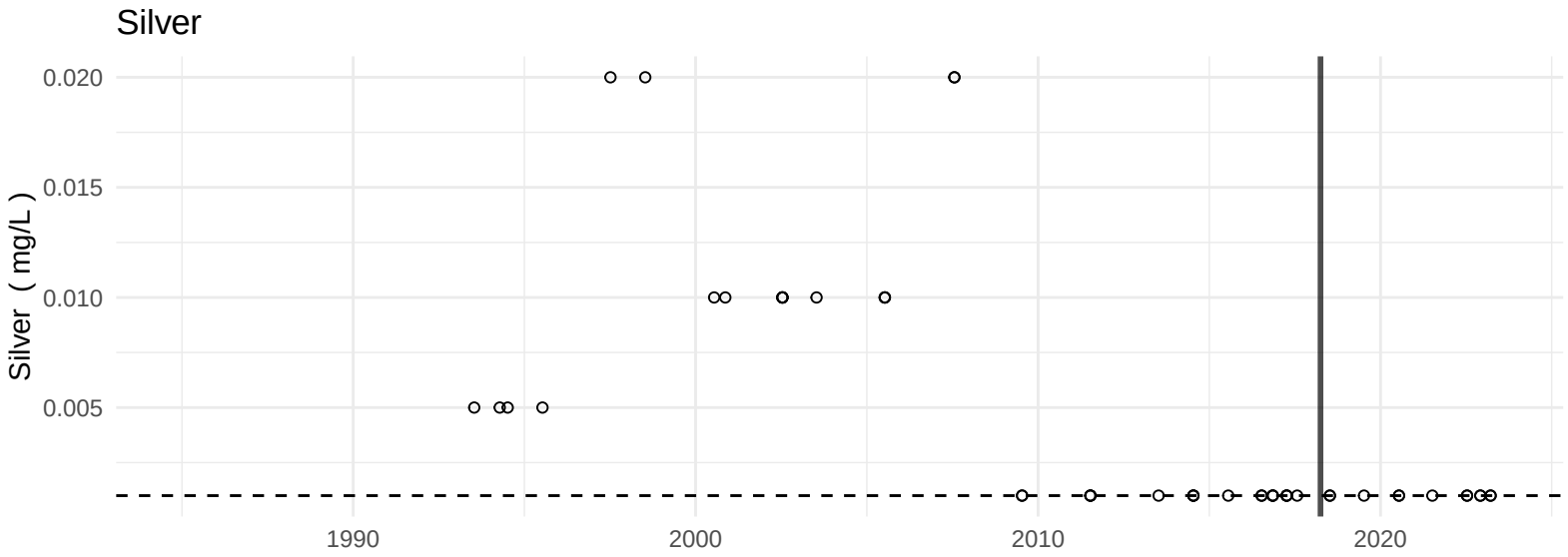

Cadmium
Cadmium (mg/L)
0.006
0.004
0.002
0.000
1990
2000
2010
2020
Chromium
Chromium (mg/L)
0.020
0.015
0.010
0.005
1990
2000
2010
2020
Iron
Iron (mg/L)
4
2
0
1990
2000
2010
2020
Start of Current Background Period
Background Level
Non−Detect

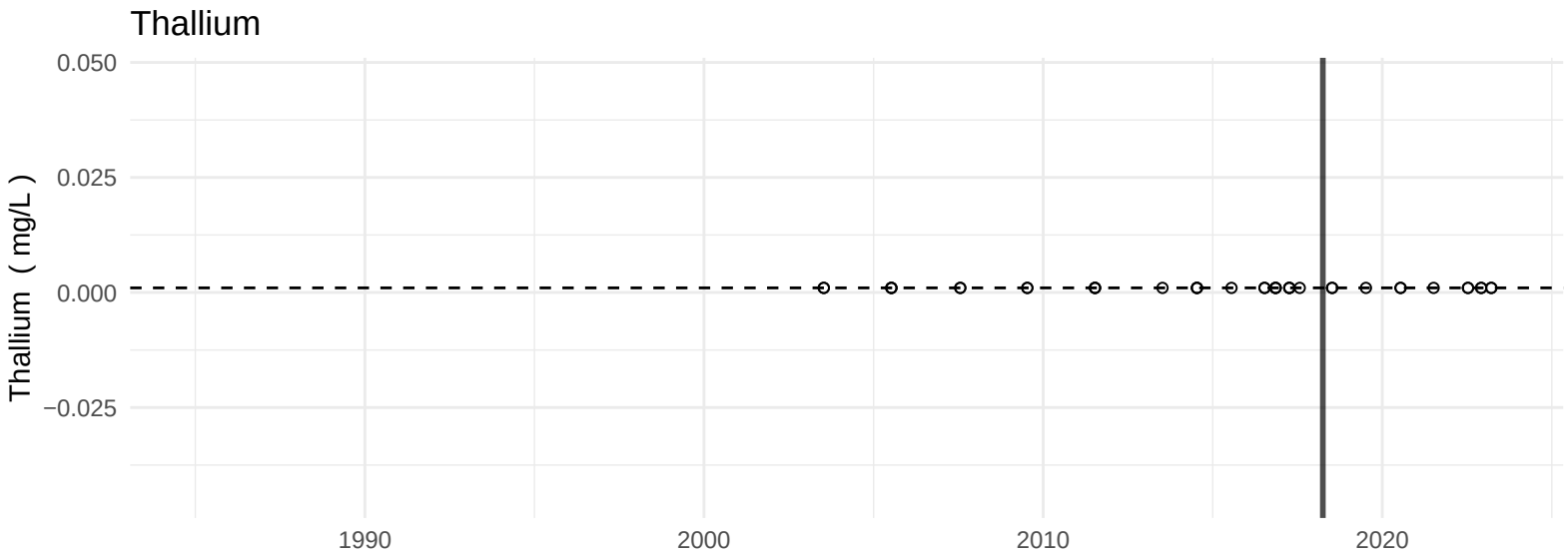

Lead
0.0100
0.0075
0.0050
0.0025
Lead (mg/L)
1990
2000
2010
2020

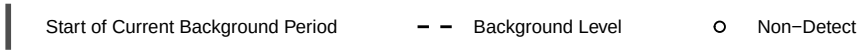

Manganese
0.8
0.6
0.4
0.2
0.0
Manganese (mg/L)
1990
2000
2010
2020


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


Start of Current Background Period
Background Level
Non−Detect


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


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


Start of Current Background Period
Background Level
Non−Detect

Appendix A.3

Exploration Location Plan (with decommissioned locations)

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.

8. "NS" indicates the analyte is not listed in the RCMP.
   "NA" indicates guidelines are not currently available in the RCMP.

9. **Bold** values exceed the GW-1 Groundwater Standard.
   Italic values exceed the SMCL.

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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-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-102S	06-11-87	–	TOC	38.40	1306.83
B-102S	09-21-87	–	TOC	38.80	1306.43
B-102S	12-29-87	–	TOC	38.70	1306.53
B-102S	03-29-88	–	TOC	38.90	1306.33
B-102S	07-13-88	–	TPVC	39.40	1305.71
B-102S	10-17-88	–	TOC	39.00	1306.23
B-102S	12-20-88	–	TPVC	39.10	1306.01
B-102S	04-26-89	–	TPVC	38.90	1306.21
B-102S	07-27-89	–	TPVC	39.70	1305.41
B-102S	10-26-89	–	TPVC	39.80	1305.31
B-102S	02-06-90	–	TPVC	39.84	1305.27
B-102S	05-23-90	–	TOC	39.62	1305.61
B-102S	08-29-90	–	Well was dry		
B-102S	12-03-90	–	TPVC	36.25	1308.86
B-102S	02-28-91	–	TOC	35.90	1309.33
B-102S	07-08-91	–	TPVC	36.90	1308.21
B-102S	09-09-91	–	TPVC	37.10	1308.01
B-102S	01-02-92	–	TPVC	37.40	1307.71
B-102S	04-10-92	–	TPVC	36.80	1308.31
B-102S	07-08-92	–	TPVC	37.20	1307.91
B-102S	10-07-92	–	TPVC	37.90	1307.21
B-102S	04-15-93	–	TPVC	38.10	1307.01
B-102S	11-24-93	–	TPVC	39.50	1305.61
B-102S	04-13-94	–	TPVC	38.90	1306.21
B-102S	07-07-94	–	TPVC	38.70	1306.41
B-102S	11-28-94	–	TPVC	39.00	1306.11
B-102S	04-03-95	–	TPVC	39.20	1305.91
B-102S	06-12-95	–	TPVC	39.60	1305.51
B-102S	07-13-95	–	TPVC	39.60	1305.51
B-102S	11-14-95	–	TPVC	39.68	1305.43
B-102S	11-27-95	–	TPVC	39.41	1305.70
B-102S	04-15-96	–	TPVC	38.94	1306.17
B-102S	07-09-96	–	TPVC	37.13	1307.98
B-102S	11-11-96	–	TPVC	36.06	1309.05
B-102S	04-07-97	–	TPVC	36.12	1308.99
B-102S	07-07-97	–	TPVC	36.50	1308.61
B-102S	11-11-97	–	TPVC	37.04	1308.07
B-102S	04-13-98	–	TPVC	37.30	1307.81
B-102S	07-13-98	–	TPVC	37.52	1307.59
B-102S	11-16-98	–	TPVC	37.92	1307.19
B-102S	04-05-99	–	TPVC	37.65	1307.46
B-102S	07-27-99	–	TPVC	37.92	1307.20
B-102S	11-17-99	–	TPVC	38.06	1307.05
B-102S	04-10-00	–	TPVC	37.05	1308.06
B-102S	07-17-00	–	TPVC	36.78	1308.33
B-102S	11-13-00	–	TPVC	37.17	1307.94
B-102S	04-02-01	–	TPVC	38.00	1307.11
B-102S	07-09-01	–	TPVC	38.30	1306.81
B-102S	11-05-01	–	TPVC	39.18	1305.93
B-102S	04-15-02	–	TPVC	39.76	1305.35
B-102S	07-15-02	–	TPVC	38.30	1306.81
B-102S	11-18-02	–	TPVC	39.54	1305.57
B-102S	04-07-03	–	TPVC	39.97	1305.14
B-102S	07-14-03	–	TPVC	40.40	1304.71
B-102S	11-03-03	–	TPVC	39.85	1305.26
B-102S	04-05-04	–	TPVC	38.42	1306.69
B-102S	07-06-04	–	TPVC	37.82	1307.29
B-102S	11-08-04	–	TPVC	37.92	1307.19
B-102S	04-11-05	–	TPVC	37.33	1307.78
B-102S	07-11-05	–	TPVC	37.80	1307.31
B-102S	11-01-05	–	TPVC	37.82	1307.29

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-102S	04-10-06	–	TPVC	36.10	1309.01
B-102S	07-10-06	–	TPVC	36.15	1308.96
B-102S	11-06-06	–	TPVC	36.50	1308.61
B-102S	04-09-07	–	TPVC	36.08	1308.69
B-102S	07-23-07	–	TPVC	36.33	1308.44
B-102S	11-05-07	–	TPVC	36.82	1307.95
B-102S	04-21-08	–	TPVC	37.60	1307.17
B-102S	07-21-08	–	TPVC	37.58	1307.53
B-102S	11-18-08	–	TPVC	36.77	1308.34
B-102D	06-11-87	–	TOC	34.00	1308.84
B-102D	09-21-87	–	TOC	34.40	1308.44
B-102D	12-29-87	–	TOC	34.20	1308.64
B-102D	03-29-88	–	TOC	34.50	1308.34
B-102D	07-13-88	–	TPVC	38.20	1307.50
B-102D	10-17-88	–	TPVC	37.10	1308.60
B-102D	10-26-89	–	TPVC	37.90	1307.80
B-102D	02-06-90	–	TPVC	38.00	1307.70
B-102D	05-23-90	–	TPVC	37.62	1308.08
B-102D	08-29-90	–	TPVC	37.00	1308.70
B-102D	12-03-90	–	TPVC	36.41	1309.29
B-102D	02-28-91	–	TOC	37.80	1305.04
B-102D	07-08-91	–	TPVC	35.20	1310.50
B-102D	09-09-91	–	TPVC	35.40	1310.30
B-102D	01-02-92	–	TPVC	35.80	1309.90
B-102D	04-10-92	–	TPVC	35.60	1310.10
B-102D	07-08-92	–	TPVC	35.60	1310.10
B-102D	10-07-92	–	TPVC	36.25	1309.45
B-102D	04-15-93	–	TPVC	36.60	1309.10
B-102D	11-24-93	–	TPVC	37.70	1308.00
B-102D	04-13-94	–	TPVC	36.40	1309.30
B-102D	07-07-94	–	TPVC	36.90	1308.80
B-102D	11-28-94	–	TPVC	37.20	1308.50
B-102D	04-03-95	–	TPVC	37.10	1308.60
B-102D	06-12-95	–	TPVC	37.80	1307.90
B-102D	07-13-95	–	TPVC	37.90	1307.80
B-102D	11-14-95	–	TPVC	37.92	1307.78
B-102D	11-27-95	–	TPVC	37.59	1308.11
B-102D	04-15-96	–	TPVC	37.04	1308.66
B-102D	07-09-96	–	TPVC	35.32	1310.38
B-102D	11-11-96	–	TPVC	34.34	1311.36
B-102D	04-07-97	–	TPVC	34.56	1311.14
B-102D	07-07-97	–	TPVC	34.95	1310.75
B-102D	11-11-97	–	TPVC	35.53	1310.17
B-102D	04-13-98	–	TPVC	35.74	1309.96
B-102D	07-13-98	–	TPVC	35.94	1309.76
B-102D	11-16-98	–	TPVC	36.42	1309.28
B-102D	04-05-99	–	TPVC	36.17	1309.53
B-102D	07-27-99	–	TPVC	36.23	1309.50
B-102D	11-17-99	–	TPVC	36.43	1309.27
B-102D	04-10-00	–	TPVC	36.07	1309.63
B-102D	07-17-00	–	TPVC	35.16	1310.54
B-102D	11-13-00	–	TPVC	35.62	1310.08
B-102D	04-02-01	–	TPVC	36.61	1309.09
B-102D	07-09-01	–	TPVC	36.75	1308.95
B-102D	11-05-01	–	TPVC	37.63	1308.07
B-102D	04-15-02	–	TPVC	38.25	1307.45
B-102D	07-15-02	–	TPVC	32.91	1312.79
B-102D	11-18-02	–	TPVC	37.75	1307.95
B-102D	04-07-03	–	TPVC	38.25	1307.45
B-102D	07-14-03	–	TPVC	38.25	1307.45

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-102D	11-03-03	–	TPVC	38.11	1307.59
B-102D	04-05-04	–	TPVC	36.71	1308.99
B-102D	07-06-04	–	TPVC	36.15	1309.55
B-102D	11-08-04	–	TPVC	36.38	1309.32
B-102D	04-11-05	–	TPVC	36.21	1309.49
B-102D	07-11-05	–	TPVC	32.27	1313.43
B-102D	11-01-05	–	TPVC	36.03	1309.67
B-102D	04-10-06	–	TPVC	35.24	1310.46
B-102D	07-10-06	–	TPVC	34.91	1310.79
B-102D	11-06-06	–	TPVC	39.92	1305.78
B-102D	04-09-07	–	TPVC	35.15	1308.87
B-102D	07-23-07	–	TPVC	34.92	1309.10
B-102D	11-05-07	–	TPVC	35.60	1308.42
B-102D	04-21-08	–	TPVC	36.27	1307.75
B-102D	07-21-08	–	TPVC	36.09	1309.61
B-102D	11-18-08	–	TPVC	35.27	1310.43
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

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-603	06-12-95	–	TPVC	65.80	1309.53
MW-603	07-07-97	–	TPVC	63.10	1312.23
MW-603	07-27-99	–	TPVC	64.48	1310.90

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-603	11-13-00	1375.33	TPVC	63.95	1311.38
MW-603	04-02-01	1375.33	TPVC	65.00	1310.33
MW-603	07-09-01	1375.33	TPVC	65.12	1310.21
MW-603	11-05-01	1375.33	TPVC	65.95	1309.38
MW-603	04-15-02	1375.33	TPVC	66.57	1308.76
MW-603	07-15-02	1375.33	TPVC	66.18	1309.15
MW-603	11-18-02	1375.33	TPVC	66.02	1309.31
MW-603	04-07-03	1375.33	TPVC	66.52	1308.81
MW-603	07-14-03	1375.33	TPVC	66.43	1308.90
MW-603	11-03-03	1375.33	TPVC	66.41	1308.92
MW-603	04-05-04	1375.33	TPVC	65.14	1310.19
MW-603	07-06-04	1375.33	TPVC	64.61	1310.72
MW-603	11-08-04	1375.33	TPVC	64.74	1310.59
MW-603	04-11-05	1375.33	TPVC	64.86	1310.47
MW-603	07-11-05	1375.33	TPVC	64.81	1310.52
MW-603	11-01-05	1375.33	TPVC	64.85	1310.48
MW-603	04-10-06	1375.33	TPVC	63.82	1311.51
MW-603	07-10-06	1375.33	TPVC	63.45	1311.88
MW-603	11-06-06	1375.33	TPVC	63.45	1311.88
MW-603	04-09-07	1375.33	TPVC	63.74	1311.59
MW-603	07-23-07	1375.33	TPVC	63.45	1311.88
MW-603	11-05-07	1375.33	TPVC	64.20	1311.13
MW-603	04-21-08	1375.33	TPVC	64.95	1310.38
MW-603	07-21-08	1375.33	TPVC	64.67	1310.66
MW-603	11-18-08	1375.33	TPVC	63.74	1311.59
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
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

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-801	11-16-98	–	TPVC	41.66	1305.60
MW-801	04-05-99	–	TPVC	41.27	1305.99
MW-801	07-27-99	–	TPVC	41.79	1305.50
MW-801	11-17-99	–	TPVC	41.89	1299.17
MW-801	04-10-00	1347.26	TPVC	39.69	1307.57
MW-801	07-17-00	1347.26	TPVC	40.62	1306.64
MW-801	04-02-01	1347.26	TPVC	41.92	1305.34
MW-801	07-09-01	1347.26	TPVC	42.10	1305.16
MW-801	11-05-01	1347.26	TPVC	42.88	1304.38
MW-801	04-15-02	1347.26	TPVC	43.02	1304.24
MW-801	07-15-02	1347.26	TPVC	43.20	1304.06
MW-801	11-18-02	1347.26	TPVC	43.17	1304.09
MW-801	04-07-03	1347.26	TPVC	43.61	1303.65
MW-801	07-14-03	1347.26	TPVC	43.62	1303.64
MW-801	11-03-03	1347.26	TPVC	43.35	1303.91
MW-801	04-05-04	1347.26	TPVC	42.13	1305.13
MW-801	07-06-04	1347.26	TPVC	41.59	1305.67
MW-801	11-08-04	1347.26	TPVC	41.78	1305.48
MW-801	04-11-05	1347.26	TPVC	40.80	1306.46
MW-801	07-11-05	1347.26	TPVC	42.31	1304.95
MW-801	11-01-05	1347.26	TPVC	40.11	1307.15
MW-801	04-10-06	1347.26	TPVC	40.29	1306.97
MW-801	07-10-06	1347.26	TPVC	39.88	1307.38
MW-801	11-06-06	1347.26	TPVC	39.92	1307.34
MW-801	04-09-07	1347.07	TPVC	40.12	1306.95
MW-801	07-23-07	1347.07	TPVC	40.03	1307.04
MW-801	11-05-07	1347.07	TPVC	40.64	1306.43
MW-801	04-21-08	1347.07	TPVC	41.14	1305.93
MW-801	07-21-08	1347.07	TPVC	41.17	1305.90
MW-801	11-18-08	1347.07	TPVC	40.47	1306.60
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

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-903U	11-13-00	–	TPVC	68.12	1314.20
B-903U	04-02-01	–	TPVC	69.16	1313.16
B-903U	07-09-01	–	TPVC	69.23	1313.09
B-903U	11-05-01	–	TPVC	70.06	1312.26
B-903U	04-15-02	–	TPVC	70.73	1311.59
B-903U	07-15-02	–	TPVC	70.01	1312.31
B-903U	11-18-02	–	TPVC	69.90	1312.42
B-903U	04-07-03	–	TPVC	70.54	1311.78

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-903U	07-14-03	–	TPVC	70.36	1311.96
B-903U	11-03-03	–	TPVC	70.54	1311.78
B-903U	04-05-04	–	TPVC	69.00	1313.32
B-903U	07-06-04	–	TPVC	73.59	1308.73
B-903U	11-08-04	–	TPVC	71.36	1310.96
B-903U	04-11-05	–	TPVC	72.04	1312.95
B-903U	07-11-05	–	TPVC	71.37	1313.62
B-903U	11-01-05	–	TPVC	71.62	1310.70
B-903U	04-10-06	–	TPVC	70.57	1311.75
B-903U	07-10-06	1384.99	TPVC	70.24	1314.75
B-903U	11-06-06	1384.99	TPVC	70.25	1314.74
B-903U	04-09-07	1384.99	TPVC	70.66	1314.33
B-903U	07-23-07	1384.99	TPVC	70.27	1314.72
B-903U	11-05-07	1384.99	TPVC	71.25	1313.74
B-903U	04-21-08	1384.99	TPVC	71.90	1313.09
B-903U	07-21-08	1384.99	TPVC	71.40	1313.59
B-903U	11-18-08	1384.99	TPVC	70.55	1314.44
B-903L	04-02-01	–	TPVC	69.28	1312.97
B-903L	07-09-01	–	TPVC	69.25	1313.00
B-903L	11-05-01	–	TPVC	70.15	1312.10
B-903L	04-15-02	–	TPVC	70.77	1311.48
B-903L	07-15-02	–	TPVC	70.08	1312.17
B-903L	11-18-02	–	TPVC	70.01	1312.24
B-903L	04-07-03	–	TPVC	70.63	1311.62
B-903L	07-14-03	–	TPVC	70.39	1311.86
B-903L	11-03-03	–	TPVC	70.40	1311.85
B-903L	04-05-04	–	TPVC	69.04	1313.21
B-903L	07-06-04	–	TPVC	73.59	1308.66
B-903L	11-08-04	–	TPVC	70.75	1311.50
B-903L	04-11-05	–	TPVC	71.47	1312.94
B-903L	07-11-05	–	TPVC	70.85	1313.56
B-903L	11-01-05	–	TPVC	71.07	1311.18
B-903L	04-10-06	–	TPVC	70.07	1312.18
B-903L	07-10-06	1384.41	TPVC	69.70	1314.71
B-903L	11-06-06	1384.41	TPVC	69.75	1314.66
B-903L	04-09-07	1384.41	TPVC	70.15	1314.26
B-903L	07-23-07	1384.41	TPVC	69.40	1315.01
B-903L	11-05-07	1384.41	TPVC	70.71	1313.70
B-903L	04-21-08	1384.41	TPVC	71.35	1313.06
B-903L	07-21-08	1384.41	TPVC	70.92	1313.49
B-903L	11-18-08	1384.41	TPVC	70.00	1314.41
B-904U	11-13-00	1379.79	TPVC	67.12	1312.67
B-904U	04-02-01	1379.79	TPVC	68.23	1311.56
B-904U	07-09-01	1379.79	TPVC	68.25	1311.54
B-904U	11-05-01	1379.79	TPVC	69.18	1310.61
B-904U	04-15-02	1379.79	TPVC	69.85	1309.94
B-904U	07-15-02	1379.79	TPVC	69.35	1310.44
B-904U	11-18-02	1379.79	TPVC	69.19	1310.60
B-904U	04-07-03	1379.79	TPVC	69.75	1310.04
B-904U	07-14-03	1379.79	TPVC	69.64	1310.15
B-904U	11-03-03	1379.79	TPVC	69.62	1310.17
B-904U	04-05-04	1379.79	TPVC	68.23	1311.56
B-904U	07-06-04	1379.79	TPVC	67.71	1312.08
B-904U	11-08-04	1379.79	TPVC	67.84	1311.95
B-904U	04-11-05	1379.79	TPVC	68.70	1311.09
B-904U	07-11-05	1379.79	TPVC	67.86	1311.93
B-904U	11-01-05	1379.79	TPVC	68.04	1311.75
B-904U	04-10-06	1379.79	TPVC	66.95	1312.84
B-904U	07-10-06	1379.79	TPVC	66.60	1313.19

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-904U	11-06-06	1379.79	TPVC	66.59	1313.20
B-904U	04-09-07	1379.79	TPVC	66.91	1312.88
B-904U	07-23-07	1379.79	TPVC	66.60	1313.19
B-904U	11-05-07	1379.79	TPVC	67.48	1312.31
B-904U	04-21-08	1379.79	TPVC	68.18	1311.61
B-904U	07-21-08	1379.79	TPVC	67.80	1311.99
B-904U	11-18-08	1379.79	TPVC	66.92	1312.87
B-904L	04-02-01	–	TPVC	68.57	1311.22
B-904L	07-09-01	–	TPVC	68.23	1311.56
B-904L	11-05-01	–	TPVC	69.52	1310.27
B-904L	04-15-02	–	TPVC	70.15	1309.64
B-904L	07-15-02	–	TPVC	69.58	1310.21
B-904L	11-18-02	–	TPVC	69.44	1310.35
B-904L	04-07-03	–	TPVC	69.97	1309.82
B-904L	07-14-03	–	TPVC	69.82	1310.15
B-904L	11-03-03	–	TPVC	69.79	1310.00
B-904L	04-05-04	–	TPVC	68.37	1311.60
B-904L	07-06-04	–	TPVC	67.84	1312.13
B-904L	11-08-04	1379.79	TPVC	68.09	1311.70
B-904L	04-11-05	1379.79	TPVC	68.91	1310.88
B-904L	07-11-05	1379.79	TPVC	69.00	1310.79
B-904L	11-01-05	1379.79	TPVC	68.23	1311.56
B-904L	04-10-06	1379.79	TPVC	67.16	1312.63
B-904L	07-10-06	1379.79	TPVC	66.90	1312.89
B-904L	11-06-06	1379.79	TPVC	66.80	1312.99
B-904L	04-09-07	1379.79	TPVC	67.12	1312.67
B-904L	07-23-07	1379.79	TPVC	66.82	1312.97
B-904L	11-05-07	1379.79	TPVC	67.80	1311.99
B-904L	04-21-08	1379.79	TPVC	68.33	1311.46
B-904L	07-21-08	1379.79	TPVC	67.95	1311.84
B-904L	11-18-08	1379.79	TPVC	67.04	1312.75
B-914U	11-13-00	1347.55	TPVC	37.59	1309.96
B-914U	04-02-01	1347.55	TPVC	38.35	1309.20
B-914U	07-09-01	1347.55	TPVC	38.54	1309.01
B-914U	11-05-01	1347.55	TPVC	39.45	1308.10
B-914U	04-15-02	1347.55	TPVC	40.31	1307.24
B-914U	07-15-02	1347.55	TPVC	39.80	1307.75
B-914U	11-18-02	1347.55	TPVC	39.65	1307.90
B-914U	04-07-03	1347.55	TPVC	40.16	1307.39
B-914U	07-14-03	1347.55	TPVC	40.13	1307.42
B-914U	11-03-03	1347.55	TPVC	40.06	1307.49
B-914U	04-05-04	1347.55	TPVC	38.60	1308.95
B-914U	07-06-04	1347.55	TPVC	37.98	1309.57
B-914U	11-08-04	1347.55	TPVC	38.18	1309.37
B-914U	04-11-05	1347.55	TPVC	38.60	1308.95
B-914U	07-11-05	1347.55	TPVC	38.05	1309.50
B-914U	11-01-05	1347.55	TPVC	37.97	1309.58
B-914U	04-10-06	1347.55	TPVC	37.18	1310.37
B-914U	07-10-06	1347.55	TPVC	36.75	1310.80
B-914U	11-06-06	1347.55	TPVC	36.72	1310.83
B-914U	04-09-07	1347.55	TPVC	37.05	1310.50
B-914U	07-23-07	1347.55	TPVC	36.80	1310.75
B-914U	11-05-07	1347.55	TPVC	37.45	1310.10
B-914U	04-21-08	1347.55	TPVC	38.25	1309.30
B-914U	07-21-08	1347.55	TPVC	38.00	1309.55
B-914U	11-18-08	1347.55	TPVC	37.14	1310.41
B-914L	11-13-00	–	TPVC	40.15	1308.49
B-914L	04-02-01	–	TOC	41.88	1307.57

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-914L	07-09-01	–	TOC	41.95	1307.50
B-914L	11-05-01	–	TOC	43.03	1306.42
B-914L	04-15-02	–	TOC	43.67	1305.78
B-914L	07-15-02	–	TOC	43.05	1306.40
B-914L	11-18-02	–	TOC	43.12	1306.33
B-914L	04-07-03	–	TOC	43.47	1305.98
B-914L	07-14-03	–	TOC	43.54	1305.10
B-914L	11-03-03	–	TOC	43.41	1306.04
B-914L	04-05-04	–	TOC	42.02	1307.43
B-914L	07-06-04	–	TOC	40.74	1308.71
B-914L	11-08-04	–	TPVC	40.92	1308.53
B-914L	04-11-05	–	TOC	41.65	1307.80
B-914L	07-11-05	–	TPVC	40.88	1308.57
B-914L	11-01-05	–	TOC	40.80	1308.65
B-914L	04-10-06	–	TPVC	39.94	1309.51
B-914L	11-06-06	–	TPVC	39.37	1310.08
B-914L	04-09-07	1348.64	TPVC	39.68	1308.96
B-914L	07-23-07	1348.64	TPVC	39.49	1309.15
B-914L	11-05-07	1348.64	TPVC	40.30	1308.34
B-914L	04-21-08	1348.64	TPVC	40.86	1307.78
B-914L	07-21-08	1348.64	TPVC	40.80	1307.84
B-914L	11-18-08	1348.64	TPVC	39.82	1308.82
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
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

TABLE B.1A
Water Level - Depth and Elevation Pre-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft) (see note 3)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-102S	04-07-2009	1344.77	TPVC	36.30	1308.47
B-102S	07-14-2009	1344.77	TPVC	36.22	1308.55
B-102S	11-10-2009	1344.77	TPVC	36.44	1308.33
B-102S	04-08-2010	1344.77	TPVC	36.57	1308.20
B-102S	07-13-2010	1344.77	TPVC	36.27	1308.50
B-102S	11-02-2010	1344.77	TPVC	36.21	1308.56
B-102S	04-18-2011	1344.77	TPVC	34.90	1309.87
B-102S	07-13-2011	1344.77	TPVC	35.40	1309.37
B-102S	11-02-2011	1344.77	TPVC	36.21	1308.56
B-102S	04-10-2012	1344.77	TPVC	37.51	1307.26
B-102S	07-16-2012	1344.77	TPVC	37.84	1306.93
B-102S	11-06-2012	1344.77	TPVC	38.18	1306.59
B-102S	04-10-2013	1344.77	TPVC	38.55	1306.22
B-102S	07-08-2013	1344.77	TPVC	38.11	1306.66
B-102S	11-07-2013	1344.77	TPVC	37.80	1306.97
B-102S	04-22-2014	1344.77	TPVC	37.05	1307.72
B-102S	07-14-2014	1344.77	TPVC	37.70	1307.07
B-102S	11-04-2014	1344.77	TPVC	37.97	1306.80
B-102S	04-13-2015	1344.77	TPVC	38.50	1306.27
B-102S	07-21-2015	1344.77	TPVC	38.56	1306.21
B-102S	11-10-2015	1344.77	TPVC	38.90	1305.87
B-102S	04-11-2016	1344.77	TPVC	39.09	1305.68
B-102S	07-11-2016	1344.77	TPVC	38.95	1305.82
B-102S	11-07-2016	1344.77	TPVC	39.39	1305.38
B-102S	04-03-2017	1344.77	TPVC	39.61	1305.16
B-102S	07-25-2017	1344.77	TPVC	39.22	1305.55
B-102S	11-09-2017	1344.77	TPVC	38.90	1305.87
B-102S	04-24-2018	1344.77	TPVC	38.91	1305.86
B-102S	07-11-2018	1344.77	TPVC	38.95	1305.82
B-102S	11-05-2018	1344.77	TPVC	39.28	1305.49
B-102S	04-23-2019	1344.77	TPVC	38.91	1305.86
B-102S	07-08-2019	1344.77	TPVC	38.92	1305.85
B-102S	11-06-2019	1344.77	TPVC	38.72	1306.05
B-102S	04-20-2020	1344.77	TPVC	38.30	1306.47
B-102S	07-16-2020	1344.77	TPVC	38.46	1306.31
B-102S	11-03-2020	1344.77	TPVC	38.63	1306.14
B-102S	04-20-2021	1344.77	TPVC	38.83	1305.94
B-102S	07-05-2021	1344.77	TPVC	39.25	1305.52
B-102S	09-29-2021	1344.77	TPVC	39.63	1305.14
B-102S	11-01-2021	1344.77	TPVC	39.86	1304.91
B-102S	02-22-2022	1344.77	TPVC	39.89	1304.88
B-102S	04-18-2022	1344.77	TPVC	39.77	1305.00
B-102S	04-20-2022	1344.77	TPVC	39.78	1304.99
B-102S	06-08-2022	1344.77	TPVC	39.92	1304.85
B-102S	07-13-2022	1344.77	TPVC	40.03	1304.74
B-102S	11-01-2022	1344.77	TPVC	40.36	1304.41
B-102S	12-06-2022	1344.77	TPVC	40.17	1304.60
B-102S	03-20-2023	1344.77	TPVC	39.90	1304.87
B-102S	04-19-2023	1344.77	TPVC	39.74	1305.03
B-102D	04-07-2009	1344.02	TPVC	34.91	1309.11
B-102D	07-14-2009	1344.02	TPVC	34.83	1309.19
B-102D	11-10-2009	1344.02	TPVC	35.08	1308.94
B-102D	04-08-2010	1344.02	TPVC	34.94	1309.08
B-102D	07-13-2010	1344.02	TPVC	34.54	1309.48

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-102D	11-02-2010	1344.02	TPVC	34.57	1309.45
B-102D	04-18-2011	1344.02	TPVC	33.86	1310.16
B-102D	07-13-2011	1344.02	TPVC	33.75	1310.27
B-102D	11-02-2011	1344.02	TPVC	34.63	1309.39
B-102D	04-10-2012	1344.02	TPVC	35.91	1308.11
B-102D	07-16-2012	1344.02	TPVC	36.11	1307.91
B-102D	11-06-2012	1344.02	TPVC	36.44	1307.58
B-102D	04-10-2013	1344.02	TPVC	36.80	1307.22
B-102D	07-08-2013	1344.02	TPVC	38.38	1305.64
B-102D	11-07-2013	1344.02	TPVC	35.80	1308.22
B-102D	04-22-2014	1344.02	TPVC	35.69	1308.33
B-102D	07-14-2014	1344.02	TPVC	35.96	1308.06
B-102D	11-04-2014	1344.02	TPVC	36.37	1307.65
B-102D	04-13-2015	1344.02	TPVC	36.94	1307.08
B-102D	07-21-2015	1344.02	TPVC	36.93	1307.09
B-102D	11-10-2015	1344.02	TPVC	37.20	1306.82
B-102D	04-11-2016	1344.02	TPVC	37.37	1306.65
B-102D	07-11-2016	1344.02	TPVC	37.23	1306.79
B-102D	11-07-2016	1344.02	TPVC	37.69	1306.33
B-102D	04-03-2017	1344.02	TPVC	38.06	1305.96
B-102D	07-25-2017	1344.02	TPVC	37.56	1306.46
B-102D	11-09-2017	1344.02	TPVC	37.38	1306.64
B-102D	04-24-2018	1344.02	TPVC	37.36	1306.66
B-102D	07-11-2018	1344.02	TPVC	37.20	1306.82
B-102D	11-05-2018	1344.02	TPVC	37.58	1306.44
B-102D	04-23-2019	1344.02	TPVC	37.55	1306.47
B-102D	07-08-2019	1344.02	TPVC	37.24	1306.78
B-102D	11-06-2019	1344.02	TPVC	37.16	1306.86
B-102D	04-20-2020	1344.02	TPVC	36.89	1307.13
B-102D	07-16-2020	1344.02	TPVC	36.88	1307.14
B-102D	11-03-2020	1344.02	TPVC	37.30	1306.72
B-102D	04-20-2021	1344.02	TPVC	37.39	1306.63
B-102D	07-05-2021	1344.02	TPVC	44.32	1299.70
B-102D	09-29-2021	1344.02	TPVC	37.98	1306.04
B-102D	11-01-2021	1344.02	TPVC	38.23	1305.79
B-102D	04-20-2022	1344.02	TPVC	38.34	1305.68
B-102D	07-13-2022	1344.02	TPVC	40.42	1303.60
B-102D	11-01-2022	1344.02	TPVC	38.69	1305.33
B-102D	12-01-2022	1344.02	TPVC	38.78	1305.24
B-102D	03-20-2023	1344.02	TPVC	38.21	1305.81
B-102D	04-19-2023	1344.02	TPVC	38.09	1305.93
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-103D	04-07-2009	1358.60	TPVC	52.47	1306.13
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
MW-603	04-07-2009	1375.33	TPVC	63.62	1311.71
MW-603	07-14-2009	1375.33	TPVC	63.46	1311.87
MW-603	11-10-2009	1375.33	TPVC	63.68	1311.65
MW-603	04-08-2010	1375.33	TPVC	63.94	1311.39
MW-603	07-13-2010	1375.33	TPVC	63.45	1311.88
MW-603	11-02-2010	1375.33	TPVC	63.53	1311.80
MW-603	04-19-2011	1375.33	TPVC	63.28	1312.05
MW-603	07-13-2011	1375.33	TPVC	62.60	1312.73
MW-603	11-02-2011	1375.33	TPVC	63.57	1311.76
MW-603	04-11-2012	1375.33	TPVC	64.88	1310.45
MW-603	07-17-2012	1375.33	TPVC	64.98	1310.35
MW-603	11-06-2012	1375.33	TPVC	65.34	1309.99
MW-603	04-11-2013	1375.33	TPVC	65.63	1309.70
MW-603	07-09-2013	1375.33	TPVC	65.32	1310.01
MW-603	11-06-2013	1375.33	TPVC	64.73	1310.60
MW-603	04-22-2014	1375.33	TPVC	64.82	1310.51
MW-603	07-15-2014	1375.33	TPVC	64.88	1310.45
MW-603	11-04-2014	1375.33	TPVC	65.15	1310.18
MW-603	04-14-2015	1375.33	TPVC	65.89	1309.44
MW-603	07-22-2015	1375.33	TPVC	65.81	1309.52
MW-603	11-10-2015	1375.33	TPVC	65.93	1309.40
MW-603	04-11-2016	1375.33	TPVC	66.09	1309.24
MW-603	07-11-2016	1375.33	TPVC	65.92	1309.41
MW-603	11-07-2016	1375.33	TPVC	66.33	1309.00
MW-603	04-03-2017	1375.33	TPVC	66.76	1308.57
MW-603	07-26-2017	1375.33	TPVC	66.29	1309.04
MW-603	11-09-2017	1375.33	TPVC	66.10	1309.23
MW-603	04-24-2018	1375.33	TPVC	66.10	1309.23
MW-603	07-11-2018	1375.33	TPVC	65.81	1309.52
MW-603	11-05-2018	1375.33	TPVC	66.17	1309.16
MW-603	04-22-2019	1375.33	TPVC	66.41	1308.92
MW-603	07-08-2019	1375.33	TPVC	65.91	1309.42
MW-603	11-06-2019	1375.33	TPVC	65.89	1309.44
MW-603	04-20-2020	1375.33	TPVC	65.69	1309.64
MW-603	07-15-2020	1375.33	TPVC	65.52	1309.81
MW-603	11-04-2020	1375.33	TPVC	65.85	1309.48
MW-603	04-20-2021	1375.33	TPVC	66.11	1309.22

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-603	07-06-2021	1375.33	TPVC	66.25	1309.08
MW-603	11-02-2021	1375.33	TPVC	66.73	1308.60
MW-603	02-22-2022	1375.33	TPVC	66.92	1308.41
MW-603	04-18-2022	1375.33	TPVC	66.92	1308.41
MW-603	04-20-2022	1375.33	TPVC	66.96	1308.37
MW-603	06-08-2022	1375.33	TPVC	66.81	1308.52
MW-603	07-12-2022	1375.33	TPVC	66.80	1308.53
MW-603	11-02-2022	1375.33	TPVC	67.21	1308.12
MW-603	04-19-2023	1375.33	TPVC	66.65	1308.68
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-801	04-07-2009	1347.07	TPVC	39.92	1307.15
MW-801	07-14-2009	1347.07	TPVC	39.88	1307.19
MW-801	11-09-2009	1347.07	TPVC	40.07	1307.00
MW-801	04-08-2010	1347.07	TPVC	40.13	1306.94
MW-801	07-13-2010	1347.07	TPVC	39.98	1307.09
MW-801	11-02-2010	1347.07	TPVC	39.85	1307.22
MW-801	04-18-2011	1347.07	TPVC	37.59	1309.48
MW-801	07-13-2011	1347.07	TPVC	39.10	1307.97
MW-801	11-02-2011	1347.07	TPVC	39.87	1307.20
MW-801	04-10-2012	1347.07	TPVC	41.19	1305.88
MW-801	07-18-2012	1347.07	TPVC	41.48	1305.59
MW-801	11-06-2012	1347.07	TPVC	41.78	1305.29
MW-801	04-10-2013	1347.07	TPVC	42.10	1304.97

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
MW-801	07-08-2013	1347.07	TPVC	41.63	1305.44
MW-801	11-07-2013	1347.07	TPVC	41.24	1305.83
MW-801	04-22-2014	1347.07	TPVC	40.50	1306.57
MW-801	07-14-2014	1347.07	TPVC	41.22	1305.85
MW-801	11-04-2014	1347.07	TPVC	41.58	1305.49
MW-801	04-14-2015	1347.07	TPVC	41.97	1305.10
MW-801	07-21-2015	1347.07	TPVC	42.05	1305.02
MW-801	11-10-2015	1347.07	TPVC	42.40	1304.67
MW-801	04-11-2016	1347.07	TPVC	42.52	1304.55
MW-801	07-11-2016	1347.07	TPVC	42.38	1304.69
MW-801	11-07-2016	1347.07	TPVC	42.86	1304.21
MW-801	04-03-2017	1347.07	TPVC	42.89	1304.18
MW-801	07-25-2017	1347.07	TPVC	42.57	1304.50
MW-801	11-09-2017	1347.07	TPVC	42.23	1304.84
MW-801	04-24-2018	1347.07	TPVC	42.29	1304.78
MW-801	07-11-2018	1347.07	TPVC	42.42	1304.65
MW-801	11-05-2018	1347.07	TPVC	42.70	1304.37
MW-801	04-22-2019	1347.07	TPVC	42.14	1304.93
MW-801	07-09-2019	1347.07	TPVC	42.37	1304.70
MW-801	11-06-2019	1347.07	TPVC	42.09	1304.98
MW-801	04-20-2020	1347.07	TPVC	41.65	1305.42
MW-801	07-15-2020	1347.07	TPVC	41.89	1305.18
MW-801	11-04-2020	1347.07	TPVC	42.02	1305.05
MW-801	04-20-2021	1347.07	TPVC	42.28	1304.79
MW-801	07-05-2021	1347.07	TPVC	42.69	1304.38
MW-801	09-29-2021	1347.07	TPVC	43.01	1304.06
MW-801	11-01-2021	1347.07	TPVC	43.21	1303.86
MW-801	02-22-2022	1347.07	TPVC	43.09	1303.98
MW-801	04-18-2022	1347.07	TPVC	43.08	1303.99
MW-801	04-20-2022	1347.07	TPVC	43.09	1303.98
MW-801	06-08-2022	1347.07	TPVC	43.23	1303.84
MW-801	07-13-2022	1347.07	TPVC	43.44	1303.63
MW-801	11-01-2022	1347.07	TPVC	43.66	1303.41
MW-801	04-19-2023	1347.07	TPVC	43.13	1303.94
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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
B-903U	04-07-2009	1384.77	TPVC	70.36	1314.41
B-903U	07-14-2009	1384.77	TPVC	70.06	1314.71
B-903U	11-10-2009	1384.77	TPVC	70.36	1314.41
B-903U	04-08-2010	1384.77	TPVC	70.59	1314.18
B-903U	07-14-2010	1384.77	TPVC	69.96	1314.81
B-903U	11-02-2010	1384.77	TPVC	70.20	1314.57
B-903U	04-19-2011	1384.77	TPVC	70.15	1314.62
B-903U	07-13-2011	1384.77	TPVC	69.20	1315.57
B-903U	11-02-2011	1384.77	TPVC	70.21	1314.56
B-903U	04-11-2012	1384.77	TPVC	71.65	1313.12
B-903U	07-17-2012	1384.77	TPVC	71.61	1313.16
B-903U	11-07-2012	1384.77	TPVC	71.86	1312.91
B-903U	12-05-2012	1384.77	TPVC	71.99	1312.78
B-903U	04-10-2013	1384.77	TPVC	72.12	1312.65
B-903U	07-09-2013	1384.77	TPVC	71.87	1312.90
B-903U	11-06-2013	1384.77	TPVC	71.21	1313.56
B-903U	04-22-2014	1384.77	TPVC	71.66	1313.11

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-903U	07-15-2014	1384.77	TPVC	71.35	1313.42
B-903U	11-04-2014	1384.77	TPVC	71.75	1313.02
B-903U	04-15-2015	1384.77	TPVC	72.53	1312.24
B-903U	07-22-2015	1384.77	TPVC	72.35	1312.42
B-903U	11-10-2015	1384.77	TPVC	72.45	1312.32
B-903U	04-11-2016	1384.77	TPVC	72.60	1312.17
B-903U	07-11-2016	1384.77	TPVC	72.34	1312.43
B-903U	11-07-2016	1384.77	TPVC	72.85	1311.92
B-903U	04-03-2017	1384.77	TPVC	73.38	1311.39
B-903U	07-26-2017	1384.77	TPVC	72.74	1312.03
B-903U	11-09-2017	1384.77	TPVC	72.59	1312.18
B-903U	04-24-2018	1384.77	TPVC	72.64	1312.13
B-903U	07-11-2018	1384.77	TPVC	72.16	1312.61
B-903U	11-05-2018	1384.77	TPVC	72.58	1312.19
B-903U	04-22-2019	1384.77	TPVC	73.11	1311.66
B-903U	07-08-2019	1384.77	TPVC	72.24	1312.53
B-903U	11-06-2019	1384.77	TPVC	72.41	1312.36
B-903U	04-20-2020	1384.77	TPVC	72.27	1312.50
B-903U	07-16-2020	1384.77	TPVC	71.87	1312.90
B-903U	11-04-2020	1384.77	TPVC	72.40	1312.37
B-903U	04-20-2021	1384.77	TPVC	72.65	1312.12
B-903U	07-07-2021	1384.77	TPVC	72.64	1312.13
B-903U	11-02-2021	1384.77	TPVC	73.21	1311.56
B-903U	04-20-2022	1384.77	TPVC	73.65	1311.12
B-903U	07-12-2022	1384.77	TPVC	73.19	1311.58
B-903U	11-01-2022	1384.77	TPVC	73.68	1311.09
B-903U	12-01-2022	1384.77	TPVC	73.78	1310.99
B-903U	03-20-2023	1384.77	TPVC	73.16	1311.61
B-903U	04-19-2023	1384.77	TPVC	73.12	1311.65
B-903L	04-07-2009	1384.51	TPVC	70.15	1314.36
B-903L	07-14-2009	1384.51	TPVC	69.85	1314.66
B-903L	11-10-2009	1384.51	TPVC	70.15	1314.36
B-903L	04-08-2010	1384.51	TPVC	70.45	1314.06
B-903L	07-14-2010	1384.51	TPVC	70.40	1314.11
B-903L	04-19-2011	1384.51	TPVC	70.10	1314.41
B-903L	07-13-2011	1384.51	TPVC	69.10	1315.41
B-903L	11-02-2011	1384.51	TPVC	70.09	1314.42
B-903L	04-11-2012	1384.51	TPVC	71.64	1312.87
B-903L	07-18-2012	1384.51	TPVC	71.58	1312.93
B-903L	11-07-2012	1384.51	TPVC	71.78	1312.73
B-903L	12-05-2012	1384.51	TPVC	71.90	1312.61
B-903L	04-10-2013	1384.51	TPVC	72.09	1312.42
B-903L	07-09-2013	1384.51	TPVC	71.83	1312.68
B-903L	11-06-2013	1384.51	TPVC	71.14	1313.37
B-903L	04-22-2014	1384.51	TPVC	71.64	1312.87
B-903L	07-15-2014	1384.51	TPVC	71.44	1313.07
B-903L	11-04-2014	1384.51	TPVC	71.78	1312.73
B-903L	04-15-2015	1384.51	TPVC	72.59	1311.92
B-903L	07-21-2015	1384.51	TPVC	72.40	1312.11
B-903L	11-10-2015	1384.51	TPVC	72.49	1312.02
B-903L	04-11-2016	1384.51	TPVC	72.63	1311.88
B-903L	07-11-2016	1384.51	TPVC	72.39	1312.12
B-903L	11-07-2016	1384.51	TPVC	72.89	1311.62
B-903L	04-03-2017	1384.51	TPVC	73.43	1311.08

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-903L	07-26-2017	1384.51	TPVC	72.78	1311.73
B-903L	11-09-2017	1384.51	TPVC	72.62	1311.89
B-903L	04-24-2018	1384.51	TPVC	72.65	1311.86
B-903L	07-11-2018	1384.51	TPVC	72.11	1312.40
B-903L	11-05-2018	1384.51	TPVC	72.59	1311.92
B-903L	04-22-2019	1384.51	TPVC	73.15	1311.36
B-903L	07-08-2019	1384.51	TPVC	72.28	1312.23
B-903L	11-06-2019	1384.51	TPVC	72.43	1312.08
B-903L	04-20-2020	1384.51	TPVC	72.27	1312.24
B-903L	07-16-2020	1384.51	TPVC	71.93	1312.58
B-903L	11-04-2020	1384.51	TPVC	72.43	1312.08
B-903L	04-20-2021	1384.51	TPVC	72.68	1311.83
B-903L	07-07-2021	1384.51	TPVC	72.68	1311.83
B-903L	11-02-2021	1384.51	TPVC	73.26	1311.25
B-903L	04-20-2022	1384.51	TPVC	73.76	1310.75
B-903L	07-12-2022	1384.51	TPVC	73.22	1311.29
B-903L	11-02-2022	1384.51	TPVC	73.80	1310.71
B-903L	12-01-2022	1384.51	TPVC	73.83	1310.68
B-903L	03-20-2023	1384.51	TPVC	73.23	1311.28
B-903L	04-19-2023	1384.51	TPVC	73.17	1311.34
B-904U	04-07-2009	1379.79	TPVC	66.88	1312.91
B-904U	07-14-2009	1379.79	TPVC	66.65	1313.14
B-904U	11-10-2009	1379.79	TPVC	66.88	1312.91
B-904U	04-08-2010	1379.79	TPVC	67.13	1312.66
B-904U	07-14-2010	1379.79	TPVC	66.61	1313.18
B-904U	11-02-2010	1379.79	TPVC	66.69	1313.10
B-904U	04-19-2011	1379.79	TPVC	66.62	1313.17
B-904U	07-13-2011	1379.79	TPVC	65.80	1313.99
B-904U	10-04-2011	1379.79	TPVC	66.48	1313.31
B-904U	11-02-2011	1379.79	TPVC	66.69	1313.10
B-904U	12-08-2011	1379.79	TPVC	67.10	1312.69
B-904U	01-10-2012	1379.79	TPVC	67.20	1312.59
B-904U	02-07-2012	1379.79	TPVC	67.52	1312.27
B-904U	03-06-2012	1379.79	TPVC	67.81	1311.98
B-904U	04-11-2012	1379.79	TPVC	68.14	1311.65
B-904U	07-17-2012	1379.79	TPVC	68.18	1311.61
B-904U	11-07-2012	1379.79	TPVC	68.48	1311.31
B-904U	12-05-2012	1379.79	TPVC	68.63	1311.16
B-904U	04-10-2013	1379.79	TPVC	68.87	1310.92
B-904U	07-09-2013	1379.79	TPVC	68.53	1311.26
B-904U	11-06-2013	1379.79	TPVC	67.80	1311.99
B-904U	04-22-2014	1379.79	TPVC	68.07	1311.72
B-904U	07-15-2014	1379.79	TPVC	67.97	1311.82
B-904U	11-04-2014	1379.79	TPVC	68.35	1311.44
B-904U	04-15-2015	1379.79	TPVC	69.10	1310.69
B-904U	07-22-2015	1379.79	TPVC	69.02	1310.77
B-904U	11-10-2015	1379.79	TPVC	69.08	1310.71
B-904U	04-11-2016	1379.79	TPVC	69.28	1310.51
B-904U	07-11-2016	1379.79	TPVC	69.06	1310.73
B-904U	11-07-2016	1379.79	TPVC	69.51	1310.28
B-904U	04-03-2017	1379.79	TPVC	70.00	1309.79
B-904U	07-26-2017	1379.79	TPVC	69.46	1310.33
B-904U	11-09-2017	1379.79	TPVC	69.25	1310.54
B-904U	04-24-2018	1379.79	TPVC	69.31	1310.48

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-904U	07-11-2018	1379.79	TPVC	68.89	1310.90
B-904U	11-05-2018	1379.79	TPVC	69.25	1310.54
B-904U	04-22-2019	1379.79	TPVC	69.68	1310.11
B-904U	07-08-2019	1379.79	TPVC	68.03	1311.76
B-904U	11-06-2019	1379.79	TPVC	69.11	1310.68
B-904U	04-20-2020	1379.79	TPVC	68.89	1310.90
B-904U	07-16-2020	1379.79	TPVC	68.59	1311.20
B-904U	11-04-2020	1379.79	TPVC	69.00	1310.79
B-904U	04-20-2021	1379.79	TPVC	69.28	1310.51
B-904U	07-06-2021	1379.79	TPVC	69.31	1310.48
B-904U	11-02-2021	1379.79	TPVC	69.90	1309.89
B-904U	04-20-2022	1379.79	TPVC	70.29	1309.50
B-904U	07-12-2022	1379.79	TPVC	69.96	1309.83
B-904U	11-01-2022	1379.79	TPVC	70.41	1309.38
B-904U	12-01-2022	1379.79	TPVC	70.50	1309.29
B-904U	03-20-2023	1379.79	TPVC	69.92	1309.87
B-904U	04-19-2023	1379.79	TPVC	69.86	1309.93
B-904L	04-07-2009	1379.79	TPVC	67.00	1312.79
B-904L	07-14-2009	1379.79	TPVC	74.27	1305.52
B-904L	11-10-2009	1379.79	TPVC	67.09	1312.70
B-904L	04-08-2010	1379.79	TPVC	67.29	1312.50
B-904L	07-13-2010	1379.79	TPVC	66.77	1313.02
B-904L	11-03-2010	1379.79	TPVC	66.80	1312.99
B-904L	04-19-2011	1379.79	TPVC	66.76	1313.03
B-904L	07-13-2011	1379.79	TPVC	65.90	1313.89
B-904L	11-02-2011	1379.79	TPVC	66.96	1312.83
B-904L	04-11-2012	1379.79	TPVC	68.36	1311.43
B-904L	07-17-2012	1379.79	TPVC	68.36	1311.43
B-904L	11-07-2012	1379.79	TPVC	68.66	1311.13
B-904L	12-05-2012	1379.79	TPVC	68.77	1311.02
B-904L	04-10-2013	1379.79	TPVC	69.05	1310.74
B-904L	07-09-2013	1379.79	TPVC	68.63	1311.16
B-904L	11-06-2013	1379.79	TPVC	67.91	1311.88
B-904L	04-22-2014	1379.79	TPVC	68.19	1311.60
B-904L	07-15-2014	1379.79	TPVC	68.15	1311.64
B-904L	11-04-2014	1379.79	TPVC	68.45	1311.34
B-904L	04-15-2015	1379.79	TPVC	69.28	1310.51
B-904L	07-21-2015	1379.79	TPVC	69.14	1310.65
B-904L	11-10-2015	1379.79	TPVC	69.25	1310.54
B-904L	04-11-2016	1379.79	TPVC	69.38	1310.41
B-904L	07-11-2016	1379.79	TPVC	69.19	1310.60
B-904L	11-07-2016	1379.79	TPVC	69.71	1310.08
B-904L	04-03-2017	1379.79	TPVC	70.19	1309.60
B-904L	07-26-2017	1379.79	TPVC	69.60	1310.19
B-904L	11-09-2017	1379.79	TPVC	69.45	1310.34
B-904L	04-24-2018	1379.79	TPVC	69.40	1310.39
B-904L	07-11-2018	1379.79	TPVC	69.02	1310.77
B-904L	11-05-2018	1379.79	TPVC	69.50	1310.29
B-904L	04-22-2019	1379.79	TPVC	69.99	1309.80
B-904L	07-08-2019	1379.79	TPVC	69.20	1310.59
B-904L	11-06-2019	1379.79	TPVC	69.23	1310.56
B-904L	04-20-2020	1379.79	TPVC	69.02	1310.77
B-904L	07-16-2020	1379.79	TPVC	68.77	1311.02
B-904L	11-04-2020	1379.79	TPVC	69.29	1310.50

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-904L	04-20-2021	1379.79	TPVC	69.52	1310.27
B-904L	07-06-2021	1379.79	TPVC	69.54	1310.25
B-904L	11-02-2021	1379.79	TPVC	70.14	1309.65
B-904L	04-20-2022	1379.79	TPVC	70.51	1309.28
B-904L	07-12-2022	1379.79	TPVC	70.11	1309.68
B-904L	11-01-2022	1379.79	TPVC	70.62	1309.17
B-904L	12-01-2022	1379.79	TPVC	70.69	1309.10
B-904L	03-20-2023	1379.79	TPVC	70.13	1309.66
B-904L	04-19-2023	1379.79	TPVC	70.00	1309.79
B-914U	04-07-2009	1347.55	TPVC	36.95	1310.60
B-914U	07-14-2009	1347.55	TPVC	36.86	1310.69
B-914U	11-10-2009	1347.55	TPVC	37.02	1310.53
B-914U	04-08-2010	1347.55	TPVC	37.24	1310.31
B-914U	07-14-2010	1347.55	TPVC	36.75	1310.80
B-914U	11-02-2010	1347.55	TPVC	36.82	1310.73
B-914U	04-19-2011	1347.55	TPVC	36.48	1311.07
B-914U	07-13-2011	1347.55	TPVC	35.95	1311.60
B-914U	11-02-2011	1347.55	TPVC	36.85	1310.70
B-914U	04-10-2012	1347.55	TPVC	38.16	1309.39
B-914U	07-18-2012	1347.55	TPVC	38.49	1309.06
B-914U	11-06-2012	1347.55	TPVC	38.68	1308.87
B-914U	04-11-2013	1347.55	TPVC	39.04	1308.51
B-914U	07-09-2013	1347.55	TPVC	38.77	1308.78
B-914U	11-07-2013	1347.55	TPVC	38.05	1309.50
B-914U	04-22-2014	1347.55	TPVC	38.10	1309.45
B-914U	07-14-2014	1347.55	TPVC	38.18	1309.37
B-914U	11-04-2014	1347.55	TPVC	35.80	1311.75
B-914U	04-14-2015	1347.55	TPVC	39.19	1308.36
B-914U	07-22-2015	1347.55	TPVC	39.20	1308.35
B-914U	11-10-2015	1347.55	TPVC	39.45	1308.10
B-914U	04-11-2016	1347.55	TPVC	39.54	1308.01
B-914U	07-11-2016	1347.55	TPVC	39.51	1308.04
B-914U	11-07-2016	1347.55	TPVC	39.94	1307.61
B-914U	04-03-2017	1347.55	TPVC	40.29	1307.26
B-914U	07-26-2017	1347.55	TPVC	39.78	1307.77
B-914U	11-09-2017	1347.55	TPVC	39.68	1307.87
B-914U	04-24-2018	1347.55	TPVC	39.63	1307.92
B-914U	07-11-2018	1347.55	TPVC	39.49	1308.06
B-914U	11-05-2018	1347.55	TPVC	39.90	1307.65
B-914U	04-22-2019	1347.55	TPVC	39.87	1307.68
B-914U	07-08-2019	1347.55	TPVC	39.54	1308.01
B-914U	11-06-2019	1347.55	TPVC	39.38	1308.17
B-914U	04-20-2020	1347.55	TPVC	39.09	1308.46
B-914U	07-16-2020	1347.55	TPVC	39.13	1308.42
B-914U	11-04-2020	1347.55	TPVC	39.38	1308.17
B-914U	04-20-2021	1347.55	TPVC	39.59	1307.96
B-914U	07-05-2021	1347.55	TPVC	39.94	1307.61
B-914U	09-29-2021	1347.55	TPVC	40.25	1307.30
B-914U	11-01-2021	1347.55	TPVC	40.48	1307.07
B-914U	04-20-2022	1347.55	TPVC	40.41	1307.14
B-914U	06-08-2022	1347.55	TPVC	40.52	1307.03
B-914U	07-13-2022	1347.55	TPVC	40.65	1306.90
B-914U	11-01-2022	1347.55	TPVC	40.81	1306.74
B-914U	12-01-2022	1347.55	TPVC	40.92	1306.63

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
B-914U	03-20-2023	1347.55	TPVC	40.41	1307.14
B-914U	04-19-2023	1347.55	TPVC	40.22	1307.33
B-914L	04-07-2009	1348.64	TPVC	39.48	1309.16
B-914L	07-14-2009	1348.64	TPVC	39.33	1309.31
B-914L	11-10-2009	1348.64	TPVC	39.63	1309.01
B-914L	04-08-2010	1348.64	TPVC	39.76	1308.88
B-914L	07-14-2010	1348.64	TPVC	39.47	1309.17
B-914L	11-03-2010	1348.64	TPVC	39.53	1309.11
B-914L	04-19-2011	1348.64	TPVC	37.82	1310.82
B-914L	07-13-2011	1348.64	TPVC	38.56	1310.08
B-914L	11-02-2011	1348.64	TPVC	39.45	1309.19
B-914L	04-10-2012	1348.64	TPVC	40.80	1307.84
B-914L	07-18-2012	1348.64	TPVC	41.10	1307.54
B-914L	11-06-2012	1348.64	TPVC	41.28	1307.36
B-914L	04-11-2013	1348.64	TPVC	41.70	1306.94
B-914L	07-09-2013	1348.64	TPVC	41.26	1307.38
B-914L	11-07-2013	1348.64	TPVC	40.57	1308.07
B-914L	04-22-2014	1348.64	TPVC	40.62	1308.02
B-914L	07-15-2014	1348.64	TPVC	40.82	1307.82
B-914L	11-04-2014	1348.64	TPVC	41.05	1307.59
B-914L	04-14-2015	1348.64	TPVC	41.67	1306.97
B-914L	07-22-2015	1348.64	TPVC	41.72	1306.92
B-914L	11-10-2015	1348.64	TPVC	41.92	1306.72
B-914L	04-11-2016	1348.64	TPVC	42.07	1306.57
B-914L	07-12-2016	1348.64	TPVC	41.91	1306.73
B-914L	11-07-2016	1348.64	TPVC	42.42	1306.22
B-914L	04-03-2017	1348.64	TPVC	42.82	1305.82
B-914L	07-26-2017	1348.64	TPVC	42.24	1306.40
B-914L	11-09-2017	1348.64	TPVC	42.14	1306.50
B-914L	04-24-2018	1348.64	TPVC	42.08	1306.56
B-914L	07-11-2018	1348.64	TPVC	41.90	1306.74
B-914L	11-05-2018	1348.64	TPVC	42.30	1306.34
B-914L	04-22-2019	1348.64	TPVC	41.53	1307.11
B-914L	07-08-2019	1348.64	TPVC	41.93	1306.71
B-914L	11-06-2019	1348.64	TPVC	41.86	1306.78
B-914L	04-20-2020	1348.64	TPVC	41.66	1306.98
B-914L	07-16-2020	1348.64	TPVC	41.64	1307.00
B-914L	11-04-2020	1348.64	TPVC	41.97	1306.67
B-914L	04-20-2021	1348.64	TPVC	42.15	1306.49
B-914L	07-05-2021	1348.64	TPVC	42.41	1306.23
B-914L	09-29-2021	1348.64	TPVC	42.73	1305.91
B-914L	11-01-2021	1348.64	TPVC	42.95	1305.69
B-914L	04-20-2022	1348.64	TPVC	42.40	1306.24
B-914L	07-13-2022	1348.64	TPVC	43.13	1305.51
B-914L	11-01-2022	1348.64	TPVC	43.43	1305.21
B-914L	12-01-2022	1348.64	TPVC	42.68	1305.96
B-914L	03-20-2023	1348.64	TPVC	42.94	1305.70
B-914L	04-19-2023	1348.64	TPVC	42.81	1305.83
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
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Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
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Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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-919D	04-07-2009	1344.13	TPVC	49.18	1294.95
B-919D	07-13-2009	1344.13	TPVC	49.03	1295.10

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
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Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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
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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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-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-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

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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
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-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-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-928U	09-29-2021	1333.75	TPVC	48.33	1285.42
B-928U	11-01-2021	1333.75	TPVC	49.83	1283.92

TABLE B.1B
Water Level - Depth and Elevation Post-2009
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Location	Date	Reference Elevation (ft)	Reference Point	Depth to Water (ft)	Water Level Elevation (ft)
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-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-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-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
B-929L	04-19-2023	1375.99	TPVC	49.25	1326.74
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-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-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-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

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-007

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-102S	03-03-1987	N		*6.4*				3.6			240								*14*			***17***			
B-102S	06-11-1987	N	1306.83	6.8	175	9.3		4.5			140								*6.3*			***16***			
B-102S	09-21-1987	N	1306.43	*6*	122	7.7		2.8			120								*8.5*			***12***			
B-102S	12-29-1987	N	1306.53	*6.1*	340	1.3		4.5			130								*43*			***21***			
B-102S	03-29-1988	N	1306.33					3.3			86								*20*			***20***			
B-102S	07-13-1988	N	1305.71	*6.4*	654	13.7		9.4			88								*110*			***21***			
B-102S	10-17-1988	N	1306.23	6.6	410	10.5		3.6			110								*20*			***20***			
B-102S	12-20-1988	N	1306.01	6.6	405	8.2		5.2			85								*14*			***31***			
B-102S	04-26-1989	N	1306.21	*6.3*	344	8.2		19			120								*1.9*			***36***			
B-102S	07-27-1989	N	1305.41	*5.9*	311	15.5		6.1			95								*2.3*			***23***			
B-102S	10-26-1989	N	1305.31	*6*	214	9.3		4			93			<0.01			<0.005	<0.01	*0.95*		**0.066**	***20***			
B-102S	02-06-1990	N	1305.27	7	309	6		3			54			<0.01			<0.005	<0.01	*0.65*		<0.005	***17***			
B-102S	05-23-1990	N	1305.61	6.5	345	11.9		5.9			46			<0.01			<0.005	<0.01	*0.68*		<0.005	***28***			
B-102S	12-03-1990	N	1308.86	*6.09*	348	4.8		11			29			<0.01			<0.005	<0.01	*11*		<0.005	***25***			
B-102S	02-28-1991	N	1309.33	6.7	415	8.7		18			140			**0.042**			<0.005	<0.01	*230*		<0.005	***12***			
B-102S	07-08-1991	N	1308.21	*6.3*	390	12.5		7			170			<0.01			<0.005	<0.01	*61*		<0.005	***11***			
B-102S	09-09-1991	N	1308.01	6.5	620	13.1		9			170			<0.01			<0.001	<0.002	*160*		<0.01	***11***			
B-102S	01-02-1992	N	1307.71	*6.1*	451	5.7		8			66			<0.01			<0.001	<0.002	*82*		<0.01	***5.8***			
B-102S	04-10-1992	N	1308.31	*6.3*	182	15.7		14			39			<0.01			**0.01**	<0.002	*48*		<0.01	***2.3***			
B-102S	07-08-1992	N	1307.91	6.7	585	15.7		11			150			**0.03**			**0.019**	<0.002	*150*		<0.01	***7.3***			
B-102S	10-07-1992	N	1307.21	*6.2*	74	13.5		10			110			**0.05**			<0.001	<0.002	*170*		**0.02**	***8.4***			
B-102S	04-15-1993	N	1307.01	6.6	264	9.6		5	<0.5		50	0.6							*81*			***4.1***			
B-102S	05-20-1993	N												<0.01	0.17		0.004	<0.002			<0.01				<0.001
B-102S	07-15-1993	N						14	<0.5		98	0.6		<0.01	0.3		<0.001	<0.002	*98*		<0.01	***14***			<0.005
B-102S	11-24-1993	N	1305.61	7.2	553	3.5		20	<0.5		110	0.6		<0.01	1.6		<0.001	<0.002	*40*		<0.01	***28***			<0.001
B-102S	04-13-1994	N	1306.21	6.9	292	9		6	<0.5		17	<0.5		<0.01	1.4		<0.001	<0.002	*40*		<0.01	***6.5***			<0.005
B-102S	07-07-1994	N	1306.41	6.6	870	19.5		27	<0.5		280	1.1		<0.01	1.3		0.005	<0.002	*140*		<0.01	***11***			<0.005
B-102S	11-28-1994	N	1306.11	7	913	3.6		36	<0.5		260	1.6		<0.01	1.4		**0.006**	0.003	*100*		<0.01	***12***			<0.005
B-102S	04-03-1995	N	1305.91	6.7	881	7.3		27	<0.5		230	7.4		<0.01	1.5		0.002	<0.002			<0.01				<0.005
B-102S	06-12-1995	N	1305.51																						
B-102S	07-13-1995	N	1305.51	6.8	780	19	<1	27	<0.5		210	5.6		<0.01	1.2		**0.02**	<0.002	*110*		<0.01	***9.4***			<0.005
B-102S	11-14-1995	N	1305.43	6.6	1045	6.5	<1	41	<0.5		200	7.7							*130*			***7.8***			
B-102S	11-27-1995	N	1305.7	6.7	710	2.5	0.2							**0.04**	1.8		<0.001	<0.002			**0.02**				<0.005
B-102S	04-15-1996	N	1306.17	*6.1*	930	9	0.2	33	<0.5		100	5.1		<0.01	1.5		0.005	<0.002	*130*		<0.01	***10***			<0.005
B-102S	07-09-1996	N	1307.98	*6.4*	590	13.8	0.2	23	<0.5		80	6.1		<0.01	0.58		**0.006**	<0.002	*79*		<0.01	***7***			<0.005
B-102S	11-11-1996	N	1309.05	6.5	360	3.8	0.2	12	<0.5		58	5.9		<0.01	0.1		0.004	<0.002	<0.01		<0.01	<0.005			<0.005
B-102S	04-07-1997	N	1308.99	*6.3*	790	4.9	0.3	31	<0.1		71	11		**0.058**	<0.2		0.0003	<0.002	*117*		<0.003	***6.5***			<0.02
B-102S	07-07-1997	N	1308.61	*6.4*	504	14.2	0.2	16	<0.1		31	6.2		**0.054**	<0.2		<0.0002	<0.002	*64*		<0.003	***4***			<0.02
B-102S	11-11-1997	N	1308.07	6.9	320	2	<0.5	11	<0.1		24	1.17		**0.045**	<0.2		<0.0002	<0.002	*60*		<0.003	***3.6***			<0.02
B-102S	04-13-1998	N	1307.81	6.7	209	11.8	<0.5	3	<0.1		<20	2.9							*21*			***1.7***			
B-102S	07-13-1998	N	1307.59	*6.4*	510	11.2	<0.5	12	<0.1		30	7.6		**0.058**	<0.1		<0.0002	<0.002	*72*		<0.003	***6.4***			
B-102S	11-16-1998	N	1307.19	6.5	360	6.1	<0.5	6	<0.1		<20	2.9							*43*			***3.7***			
B-102S	04-05-1999	N	1307.46	6.5	276	9.5	0.1	5	<0.1		<20	9.8							*37*			***4.1***			
B-102S	07-27-1999	N	1307.2	6.5	299	12	<0.1	4	<0.1		22	2.6		**0.041**	<0.2		<0.0005	<0.005	*36*		<0.003	***4.7***			
B-102S	11-17-1999	N	1307.05	6.9	245	4.7	<0.1	2	0.055		<15	1.15							*29.2*			***3.7***			
B-102S	04-10-2000	N	1308.06	6.8	219	7.5	<0.1	4.05	0.106		17	2.14							*21.4*			***3.87***			
B-102S	07-17-2000	N	1308.33	6.5	177	10.7	<0.1	1.8	0.422		<15	1.38		**0.041**	0.025		<0.003	<0.01	*13.4*		<0.002	***3.03***			
B-102S	11-13-2000	N	1307.94	*6*	211	6.1	<0.1	3.01	<0.02		<15	1.5							*9.88*			***4.26***			
B-102S	04-02-2001	N	1307.11	6.7	197	6.4	0.1	2.7	0.068		65	0.712							*15.5*			***3.54***			
B-102S	07-09-2001	N	1306.81	*6.3*	242	15	<0.1	3.27	<0.02		<15	0.543		**0.03**	0.031		<0.003	<0.01	*22.1*		<0.002	***8.2***			
B-102S	11-05-2001	N	1305.93	6.6	201	5.8	0.159	<2.5	<0.02		<15	0.454							*3.08*			***1.85***			
B-102S	04-15-2002	N	1305.35	6.5	80	14.8	0.145	3.06	0.101		<15	0.428							*6.91*			***8.87***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102S	03-03-1987	N																						26																															
B-102S	06-11-1987	N																							42																													
B-102S	09-21-1987	N																																																		
B-102S	12-29-1987	N																																																	
B-102S	03-29-1988	N																																																	
B-102S	07-13-1988	N																																																	
B-102S	10-17-1988	N																																																	
B-102S	12-20-1988	N																																																	
B-102S	04-26-1989	N																																																	
B-102S	07-27-1989	N																																																	
B-102S	10-26-1989	N																																																	
B-102S	02-06-1990	N																																																	
B-102S	05-23-1990	N																																																	
B-102S	12-03-1990	N																																																	
B-102S	02-28-1991	N	57										8					5							69																													
B-102S	07-08-1991	N	49			39																			8																													
B-102S	09-09-1991	N	160			150																			95						2																					
B-102S	01-02-1992	N	70			130																			34																													
B-102S	04-10-1992	N	80			80																			18																													
B-102S	07-08-1992	N	120			230							3					1							150						3																					
B-102S	10-07-1992	N	110			190							3					1							180						3																					
B-102S	04-15-1993	N	50	2		80	1																		28																													
B-102S	05-20-1993	N																																																			
B-102S	07-15-1993	N	110			90							2					1				3			36						2																					
B-102S	11-24-1993	N	140			150							2					1							140						2																					
B-102S	04-13-1994	N																							3																													
B-102S	07-07-1994	N	520			600							2					1	20	10					310						3																					
B-102S	11-28-1994	N	650			930							3					2							370						6																					
B-102S	04-03-1995	N	260			240													20						260						2																					
B-102S	06-12-1995	N																																																		
B-102S	07-13-1995	N	400			230		<10					2						10	10			<2		360		<2				2																				**220**			
B-102S	11-14-1995	N	150			60		<10					<2						10	<10			<2		130		<2				<1																					
B-102S	11-27-1995	N	330			150		<10					<2						20	<10			<2		130		<2				1																					
B-102S	04-15-1996	N	500			200		<10					3						<10	<10			<2		260		<2				1																					
B-102S	07-09-1996	N	120			60		<10					<2						<10	<10			<2		100		<2				<1																					
B-102S	11-11-1996	N	<50			<10		<10					<2						<10	<10			<2		35		<2				<1																					
B-102S	04-07-1997	N	<10			<10		6					1						<10	<10			<1		102		<1				<2																					
B-102S	07-07-1997	N	<10			<10		8.7					1.5						<10	<10			<1		2		<1				<2																					
B-102S	11-11-1997	N	<20			<20		5				7.5	2						<10	<10			<1		1.9		<1				<2																					
B-102S	04-13-1998	N	<10			<10		<1				3.9	1						<10	<10			<1		<1		<1				<2																					
B-102S	07-13-1998	N	<10			<10		6.2				5.7	2.9						<10	<10			0.8		<1		1.2				<2																					
B-102S	11-16-1998	N	<10			<10		3.3				1.7	1.4						<10	<10			<1		<1		<1				<2																					
B-102S	04-05-1999	N	<10			<10		1.5				4	3.5						<10	<10			0.5		<1		<1				<2																					
B-102S	07-27-1999	N	<10			<10		<1				5.1	4.7						<10	<10			<1		<1		<1				<2																					
B-102S	11-17-1999	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1				<2																					
B-102S	04-10-2000	N	<20			<20		<5				<10	1.2						<20	<20			<1		<1		<1				<2																					
B-102S	07-17-2000	N	<20			<20		<5				<10	1.3						<20	<20			<1		<1		<1				<2																					
B-102S	11-13-2000	N	<20			<20		<5				<10	1.7						<20	<20			<1		<1		<1				<2																					
B-102S	04-02-2001	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1				<2																					
B-102S	07-09-2001	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1				<2																					
B-102S	11-05-2001	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1				<2																					
B-102S	04-15-2002	N	<20			<20		<5				<10	<1						<20	<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-007

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-102S	07-15-2002	N	1306.81	6.9	190	16	<0.1	3.51	0.257		<15	0.403	<0.002	**0.027**	0.052	<0.002	<0.003	<0.01	*10*		<0.002	***10***		<0.02	<0.01
B-102S	11-18-2002	N	1305.57	*6.1*	120	6.5	<0.1	7.55	0.047		19	0.416							*1.03*			***1.03***			
B-102S	04-07-2003	N	1305.14	6.8	110	6.5	<0.1	3.94	0.03		18	0.399							*5.6*			***5.56***			
B-102S	07-14-2003	N	1304.71	6.7	162	20.9	<0.1	3.11	<0.02		<15	0.205		**0.02**	0.08		<0.003	<0.01	*3.83*		<0.002	***5.67***			
B-102S	11-03-2003	N	1305.26	7.3	130	6.9	<0.1	5.64	<0.02		33	0.788							*5.75*			***5.95***			
B-102S	04-05-2004	N	1306.7	6.5	208	5.2	<0.1	241.4	0.775		<15	0.3							*6.73*			***10.5***			
B-102S	07-06-2004	N	1307.29	*5.9*	148	13.8	<0.1	10	0.755		<15	0.45		0.003	0.128		<0.003	<0.01	*3.41*		0.002	***6.85***			
B-102S	11-08-2004	N	1307.19	*6.3*	101	5.3	<0.1	7.45	0.569		<15	0.386							*1.95*			***4.68***			
B-102S	04-11-2005	N	1307.78	*6.1*	135	5.6	<0.1	15.2	1.26		<15	0.805							*0.395*			***4.79***			
B-102S	07-11-2005	N	1307.31	7	94	16.1	<0.1	8.95	0.691		<15	0.57	<0.002	<0.002	0.039	<0.002	<0.003	<0.01	0.104		<0.001	***3.04***		<0.02	<0.01
B-102S	11-01-2005	N	1307.29																						
B-102S	04-10-2006	N	1309.01	6.8	195	13.6	<0.1	27.6	0.561		66	1.44							0.191			***3.41***			
B-102S	07-10-2006	N	1308.96	*5.3*	110	15.5	0.195	11.8	0.95		<15	0.572		<0.002	0.044		<0.002	<0.01	0.218		<0.02	***2.77***			
B-102S	11-06-2006	N	1308.61	*5.6*	100	9.5	<0.1	10.6	0.192		<15	0.535							0.131			***2.54***			
B-102S	04-09-2007	N	1308.69	*5.5*	0	6.1	<0.1	24.12	0.143		24	1.52							0.078			***3.08***			
B-102S	07-23-2007	N	1308.44	*6.3*	162	17.2	0.121	34.7	0.147		<15	0.415		<0.002	0.042		<0.002	<0.02	0.022		<0.001	***2.5***			
B-102S	11-05-2007	N	1307.95	6.5	110	7	<0.1	13	0.29		38	2.3		<0.002					0.209			***2.14***			
B-102S	04-21-2008	N	1307.17	*6.27*	200	17	<0.1	15	0.08		43	0.62							*0.76*			***4.8***			
B-102S	07-21-2008	N	1307.53	*5.3*	150	12.8	<0.1	29	0.06		34	1		<0.002	0.038		<0.002	<0.02	*3.9*		<0.001	***4.1***			
B-102S	11-18-2008	N	1308.34	*5.2*	130	6.4	<0.1	27	0.27		22	0.72							*2.3*			***2.3***			
B-102S	04-07-2009	N	1308.47	*5.33*	120	8.6	<0.1	17	0.7		10	<0.5							*1*			***2***			
B-102S	07-14-2009	N	1308.55	*4.95*	140	12.7	<0.1	28	0.9		<10	<0.5		0.001	0.044		<0.001	<0.001	*0.46*		<0.001	***2.3***			
B-102S	11-10-2009	N	1308.33	*5.6*	160	10.5	<0.1	31	0.9		<10	0.7							*0.46*			***1.7***			
B-102S	04-08-2010	N	1308.2	*4.98*	60	12.1	<0.1	19	<0.5		<10	<0.5							*0.63*			***1.6***			
B-102S	07-13-2010	N	1308.5	*5.47*	90	16.4	<0.1	16	<0.5		<10	<0.5		0.001	0.022		<0.001	<0.001	*0.68*		<0.001	***1.4***			
B-102S	11-02-2010	N	1308.56	*4.97*	200	8.3	<0.1	34	<0.5		<10	<0.5							*0.98*			***1.7***			
B-102S	04-18-2011	N	1309.87	*5.79*	160	11.5	<0.1	12	0.8		<10	<0.5							*0.6*			***0.97***			
B-102S	07-13-2011	N	1309.37	*5.1*	190	16.1	<0.1	41	1		10	<0.5		0.0006	0.034		<0.001	<0.001	*0.72*		<0.001	***0.73***			
B-102S	11-02-2011	N	1308.56	*5.79*	230	8.8	<0.1	39	0.8		<10	0.7							*0.76*			***0.86***			
B-102S	04-10-2012	N	1307.26	*6.2*	580	12.3	<0.1	46	<0.5		<10	0.5							*9.7*			***2.2***			
B-102S	07-16-2012	N	1306.93	*6.49*	360	18.4	<0.1	69	<0.5		<10	<0.5		0.001	0.041		<0.001	<0.001	*16*		<0.001	***2.7***			
B-102S	11-06-2012	N	1306.59	*6.37*	386	11.4	<0.1	90	<0.5		<10	<0.5							*17*			***3***			
B-102S	04-10-2013	N	1306.22	*6.38*	680	10.8	<0.1	64	<0.5		<10	<0.5							*9.9*			***4.9***			
B-102S	07-08-2013	N	1306.66	*6.05*	350	21	<0.1	67	<0.5		<10	<0.5		0.0006	0.14		<0.001	<0.001	*4.3*		<0.001	***3.1***			
B-102S	11-07-2013	N	1306.97	*5.82*	520	10.7	<0.1	66	1.5		<10	<0.5							*0.48*			***1.7***			
B-102S	04-22-2014	N	1307.72	*5.54*	400	14.2	<0.1	40	<0.5		18	0.5							0.07			***0.4***			
B-102S	07-14-2014	N	1307.07	*6.14*	232	16.8	<0.1	44	<0.5		15	<0.5		<0.001	0.058		<0.001	<0.001	0.2		<0.001	***0.39***			
B-102S	11-04-2014	N	1306.8	*5.99*	280	11.9	<0.1	22	<0.5		<10	<0.5							0.17			***0.43***			
B-102S	04-13-2015	N	1306.27	6.51	140	16.9	<0.1	8	<0.5		<10	<0.5							*0.61*			***1.2***			
B-102S	07-21-2015	N	1306.21	*6.31*	220	16.5	<0.1	20	<0.5		<10	<0.5		0.001	0.13		<0.001	<0.001	*7.1*		<0.001	***3***			
B-102S	11-10-2015	N	1305.87	*6.37*	285	13.4	<0.1	16	<0.5		12	0.5							*11*			***4.7***			
B-102S	04-11-2016	N	1305.68	*6.46*	457	9.1	<0.1	15	<0.5		<10	<0.5							*4.1*			***9.9***			
B-102S	07-11-2016	N	1305.82	6.73	237	16.3	<0.1	12	<0.5		13	<0.5		0.0007	0.32		<0.001	<0.001	*3.1*		<0.001	***8.4***			
B-102S	11-07-2016	N	1305.38	6.75	187	11.8	<0.1	9	<0.5		<10	<0.5							*1.8*			***6.5***			
B-102S	04-03-2017	N	1305.16	6.93	149	13	<0.1	6	<0.5		<10	<0.5							*1.2*			***7.7***			
B-102S	07-25-2017	N	1305.55	*6.24*	197	14.4	<0.1	14	<0.5		23	<0.5		0.0006	0.24		<0.001	<0.001	*1.6*		<0.001	***6.2***			
B-102S	11-09-2017	N	1305.87	6.93	227	12.6	<0.1	10	<0.5		<10	<0.5							*1.9*			***6.1***			
B-102S	04-24-2018	N	1305.86	*6.19*	132	16.2	<0.1	7.3	<0.5		<10	<0.5							*2.3*			***3.7***			
B-102S	07-11-2018	N	1305.82	*5.64*	221	21.9	<0.1	18	<0.5		34	<0.5		0.0008	0.3		<0.001	<0.001	*1.4*		<0.001	***2.6***			
B-102S	11-05-2018	N	1305.49	6.83	158	11	<0.1	5	<0.5		<10	<0.5							*0.99*			***6.4***			
B-102S	04-23-2019	N	1305.86	6.7	113	11.6	<0.1	9.2	<0.5		<10	<0.5							*0.41*			***4***			
B-102S	07-08-2019	N	1305.85	*6.03*	180	13.8	<0.1	19	<0.5		<10	<0.5		0.0006	0.2		<0.001	<0.001	*0.62*		<0.001	***3.4***			

			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
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)
		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-102S	07-15-2002	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1					<2
B-102S	11-18-2002	N	<20			<20		<5				<10	<1						<20	<20			<1		<1		<1					<2
B-102S	04-07-2003	N	<25			<25		<5				<10	<1						<20	<20			<1		<1		<1					<2
B-102S	07-14-2003	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-03-2003	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	04-05-2004	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	07-06-2004	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-08-2004	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	04-11-2005	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	07-11-2005	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-01-2005	N																														
B-102S	04-10-2006	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	07-10-2006	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-06-2006	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	04-09-2007	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	07-23-2007	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-05-2007	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	04-21-2008	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	07-21-2008	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	11-18-2008	N	<10			<10		<5				<5	<1						<10	<10			<1		<1		<1					<2
B-102S	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-102S	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-102S	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-102S	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-102S	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	
B-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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-102S	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	
B-102S	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-102S	11-09-2017	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-102S	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-102S	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-102S	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-102S	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-102S	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	

			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
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
		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-102S	07-15-2002	N																			
B-102S	11-18-2002	N																			
B-102S	04-07-2003	N																			
B-102S	07-14-2003	N																			
B-102S	11-03-2003	N																			
B-102S	04-05-2004	N																			
B-102S	07-06-2004	N																			
B-102S	11-08-2004	N																			
B-102S	04-11-2005	N																			
B-102S	07-11-2005	N																			
B-102S	11-01-2005	N																			
B-102S	04-10-2006	N																			
B-102S	07-10-2006	N																			
B-102S	11-06-2006	N																			
B-102S	04-09-2007	N																			
B-102S	07-23-2007	N																			
B-102S	11-05-2007	N																			
B-102S	04-21-2008	N																			
B-102S	07-21-2008	N																			
B-102S	11-18-2008	N																			
B-102S	04-07-2009	N																			
B-102S	07-14-2009	N																			
B-102S	11-10-2009	N																			
B-102S	04-08-2010	N																			
B-102S	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-102S	11-02-2010	N																			
B-102S	04-18-2011	N																			
B-102S	07-13-2011	N																			
B-102S	11-02-2011	N																			
B-102S	04-10-2012	N																			
B-102S	07-16-2012	N																			
B-102S	11-06-2012	N																			
B-102S	04-10-2013	N																			
B-102S	07-08-2013	N																			
B-102S	11-07-2013	N																			
B-102S	04-22-2014	N																			
B-102S	07-14-2014	N																			
B-102S	11-04-2014	N																			
B-102S	04-13-2015	N																			
B-102S	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-102S	11-10-2015	N																			
B-102S	04-11-2016	N																			
B-102S	07-11-2016	N																			
B-102S	11-07-2016	N																			
B-102S	04-03-2017	N																			
B-102S	07-25-2017	N																			
B-102S	11-09-2017	N																			
B-102S	04-24-2018	N																			
B-102S	07-11-2018	N																			
B-102S	11-05-2018	N																			
B-102S	04-23-2019	N																			
B-102S	07-08-2019	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102S	11-06-2019	N	1306.05	*6.24*	119	12.2	<0.1	8.9	<0.5		<10	<0.5							*0.31*			***1.1***			
B-102S	04-20-2020	N	1306.47	*6.19*	139	11.5	0.9	11	1.6		<10	<0.5							0.12			***0.58***			
B-102S	07-16-2020	N	1306.31	*6.39*	134	14.8	<0.1	7.4	<0.5		<10	<0.5		<0.0005	0.1		<0.001	<0.001	0.26		<0.001	***0.7***			
B-102S	11-03-2020	N	1306.14	6.85	101	9	<0.1	4.2	<0.5		<10	<0.5							0.18			***0.79***			
B-102S	04-20-2021	N	1305.94	*6.47*	89	10.7	<0.1	5.3	0.61		<10	<0.5							<0.05			***0.6***			
B-102S	07-05-2021	N	1305.52	6.62	97	14	<0.1	3.8	<0.5		<10	<0.5		<0.0005	0.088		<0.001	<0.001	0.069		<0.001	***1.3***			
B-102S	09-29-2021	N	1305.14																						
B-102S	11-01-2021	N	1304.91	6.68	81	12.6	<0.1	2.2	<0.5		<10	<0.5							<0.05			***3.1***			
B-102S	02-22-2022	N	1304.88																						
B-102S	04-18-2022	N	1305																						
B-102S	04-20-2022	N	1304.99	7.06	102	8.2	<0.1	3.4	<0.5		19	0.55							<0.05			***4.1***			
B-102S	06-08-2022	N	1304.85																						
B-102S	07-13-2022	N	1304.74	6.94	135	17.8	<0.1	3.5	<0.5		<10	<0.5		<0.0005	0.09		<0.001	<0.001	<0.05		<0.001	***6***			
B-102S	11-01-2022	N	1304.41																						
B-102S	12-06-2022	N	1304.6	6.85	109	10.7	<0.1	3	<0.5	15	56	<0.5	0.0013	<0.0005	0.12	<0.001	<0.001	<0.001	*0.44*		<0.001	***4.6***		0.0022	<0.001
B-102S	03-20-2023	N	1304.87	6.61	115	9.3	<0.1	3.7	0.5	19	<10	<0.5	<0.001	<0.0005	0.09	<0.001	<0.001	<0.001	<0.05		<0.001	***2***		0.0019	<0.001
B-102S	04-19-2023	N	1305.03																						
B-102D	09-18-1984	N		*6.3*				18			360											***24***			
B-102D	09-27-1984	N		6.5				19			310								*73*			***21***			
B-102D	02-15-1985	N						12											*7.2*			***16***			
B-102D	06-24-1985	N						<5											*6.8*			***1.6***			
B-102D	09-13-1985	N						7			120								*100*			***15***			
B-102D	02-06-1986	N			280			11			88								*30*			***11***			
B-102D	06-05-1986	N						6.8			120								*82*			***11***			
B-102D	11-15-1986	N		6.5				15			210								*150*			***19***			
B-102D	03-03-1987	N		*6.4*				6.3			160								*110*			***16***			
B-102D	06-11-1987	N	1308.84	6.8	435	12.1		9			200								*96*			***16***			
B-102D	09-21-1987	N	1308.44	*6*	343	8.5		11			180								*130*			***15***			
B-102D	12-29-1987	N	1308.64	6.5	460	1.2		8.7			200								*130*			***16***			
B-102D	03-29-1988	N	1308.34					11			240								*140*			***15***			
B-102D	07-13-1988	N	1307.5	6.5	644	19.1		35			140								*120*			***14***			
B-102D	10-17-1988	N	1308.6	6.6	700	10.9																			
B-102D	10-26-1989	N	1307.8	6.6	907	9.6		<1			380			<0.01			<0.005	0.01	*230*		<0.005	***18***			
B-102D	02-06-1990	N	1307.7	6.7	840	7.7		6.8			170			**0.04**			**0.011**	0.01	*200*		<0.005	***17***			
B-102D	05-23-1990	N	1308.08	7	854	12.9		9.2			100			**0.04**			<0.005	0.02	*200*		<0.005	***16***			
B-102D	08-29-1990	N	1308.7	7.83	1009	16.2		85			220			**0.05**			<0.005	<0.01	*250*		<0.005	***14***			
B-102D	12-03-1990	N	1309.29	6.71	1009	3.8		10			130			**0.04**			<0.005	<0.01	*240*		<0.005	***13***			
B-102D	02-28-1991	N	1305.04	*6*	930	6.7		14			120			<0.01			<0.005	<0.01	*37*		<0.005	***19***			
B-102D	07-08-1991	N	1310.5	6.6	730	11		7.3			190			**0.063**			<0.005	<0.01	*230*		0.0084	***11***			
B-102D	09-09-1991	N	1310.3	6.8	1050	15.3		15			240			<0.01			<0.001	<0.002	*310*		<0.01	***15***			
B-102D	01-02-1992	N	1309.9	*6.4*	1061	6.4		15			320			<0.01			<0.001	<0.002	*310*		<0.01	***13***			
B-102D	04-10-1992	N	1310.1	*6.4*	823	16.4		11			320			<0.01			**0.042**	<0.002	*150*		<0.01	***12***			
B-102D	07-08-1992	N	1310.1	6.5	957	12.7		21			390			**0.03**			**0.04**	<0.002	*240*		**0.06**	***11***			
B-102D	10-07-1992	N	1309.45	*5.9*	47	12.1		26			490			**0.07**			<0.001	<0.002	*360*		**0.03**	***14***			
B-102D	04-15-1993	N	1309.1	6.6	1106	9		37	<0.5		200	1.5							*330*			***12***			
B-102D	05-20-1993	N												<0.01	0.08		**0.015**	<0.002			<0.01				<0.001
B-102D	07-15-1993	N						61	<0.5		660	1.8		<0.01	0.07		<0.001	<0.002	*280*		<0.01	***12***			<0.005
B-102D	11-24-1993	N	1308	7.1	1198	3.2		31	<0.5		430	1.8		<0.01	0.06		<0.001	<0.002	*320*		<0.01	***14***			<0.001
B-102D	04-13-1994	N	1309.3	6.5	2040	8.9		71	<0.5		1200	1.8		<0.01	0.1		<0.001	<0.002	*460*		<0.01	***23***			<0.005
B-102D	07-07-1994	N	1308.8	*6.4*	2430	20.1		130	<0.5		1800	2.9		<0.01	0.14		**0.013**	<0.002	*420*		<0.01	***30***			<0.005
B-102D	11-28-1994	N	1308.5	6.7	2180	3.8		120	<0.5		1300	3.1		<0.01	0.17		**0.014**	<0.002	*500*		<0.01	***24***			<0.005

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-102S	11-06-2019	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-102S	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-102S	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		<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-102S	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-102S	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-102S	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-102S	09-29-2021	N																																																			
B-102S	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-102S	02-22-2022	N																																																		
B-102S	04-18-2022	N																																																		
B-102S	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-102S	06-08-2022	N																																																		
B-102S	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-102S	11-01-2022	N																																																		
B-102S	12-06-2022	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-102S	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-102S	04-19-2023	N																																																			
B-102D	09-18-1984	N	1900			300																		350	240																													
B-102D	09-27-1984	N	140			310												5			5				130																													
B-102D	02-15-1985	N	80			680																			160																													
B-102D	06-24-1985	N	40			150																			70																													
B-102D	09-13-1985	N	90			220																			60																													
B-102D	02-06-1986	N				100																		36	51																													
B-102D	06-05-1986	N				170																			70																													
B-102D	11-15-1986	N				1000																			95						10																						
B-102D	03-03-1987	N	92			250							5					5							78						12																						
B-102D	06-11-1987	N	180	**7**		430												6							83						15																						
B-102D	09-21-1987	N	130			650												5							130				7	7																							
B-102D	12-29-1987	N	230			310							5					7							85																													
B-102D	03-29-1988	N	150			400							6												110																													
B-102D	07-13-1988	N	142			190		Tr																	96																													
B-102D	10-17-1988	N																																																			
B-102D	10-26-1989	N	26					8																	73																													
B-102D	02-06-1990	N	29					Tr					6												60																													
B-102D	05-23-1990	N											8												53																													
B-102D	08-29-1990	N	33										10					8							70																													
B-102D	12-03-1990	N	83			30							10					6							89																													
B-102D	02-28-1991	N																																																		
B-102D	07-08-1991	N	110			84							6												99																													
B-102D	09-09-1991	N	500	2		220							6					6						2	190						19																						
B-102D	01-02-1992	N	470			700							9					8						2	250						74																						
B-102D	04-10-1992	N	520	1		570							6					5							260						14																						
B-102D	07-08-1992	N	350	1		330							5					3							240						9																						
B-102D	10-07-1992	N	420	1		630							7					4							500						11																						
B-102D	04-15-1993	N	1200	**9**		2000	7						8	6				6	20	10					720		**7**				13																						
B-102D	05-20-1993	N																																																		
B-102D	07-15-1993	N	800			1300																			770																													
B-102D	11-24-1993	N	910	1		950							7					4	30	20					440						13																						
B-102D	04-13-1994	N	1600			2900												10							**1700**						40																						
B-102D	07-07-1994	N	4000			**7500**												10	200						**1700**						40																						
B-102D	11-28-1994	N	2200			**4700**													200						**1200**						30																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102D	04-03-1995	N	1308.6	6.7	1452	7.1		85	<0.5		300	3.3		<0.01	0.11		**0.006**	<0.002			<0.01				<0.005
B-102D	06-12-1995	N	1307.9																						
B-102D	07-13-1995	N	1307.8	6.6	1170	19	<1	69	<0.5		170	4.1		<0.01	0.09		**0.042**	<0.002	*200*		<0.01	***9.8***			<0.005
B-102D	11-14-1995	N	1307.78	6.5	1106	6.9	<1	48	<0.5		110	4.7							*170*			***7.2***			
B-102D	11-27-1995	N	1308.11	6.7	970	2.5								**0.08**	0.1		**0.008**	<0.002			**0.02**				<0.005
B-102D	04-15-1996	N	1308.66	*5.5*	1000	8.1	0.3	52	<0.5		74	6.7		<0.01	0.11		**0.006**	<0.002	*180*		**0.02**	***7.9***			<0.005
B-102D	07-09-1996	N	1310.38	*6.4*	770	16.4	0.3	57	<0.5		68	9		<0.01	0.11		0.005	<0.002	*130*		<0.01	***7.2***			<0.005
B-102D	11-11-1996	N	1311.36	*6.2*	770	5.4	0.3	40	<0.5		79	9.9		<0.01	0.12		**0.007**	<0.002	<0.01		<0.01	<0.005			<0.005
B-102D	04-07-1997	N	1311.14	*6.3*	830	4.8	0.3	31	<0.1		56	12		**0.07**	<0.2		0.0002	<0.002	*162*		<0.003	***7.1***			<0.02
B-102D	07-07-1997	N	1310.75	*6.4*	641	17.2	0.2	27	<0.1		39	9		**0.08**	<0.2		<0.0002	<0.002	*135*		<0.003	***4.66***			<0.02
B-102D	11-11-1997	N	1310.17	*6.2*	310	4.6	<0.5	15	0.3		37	1.3		**0.056**	<0.2		<0.0002	<0.002	*58*		<0.003	***2.2***			<0.02
B-102D	04-13-1998	N	1309.96	6.8	758	11.5	<0.5	30	<0.1		45	10							*140*			***6.3***			
B-102D	07-13-1998	N	1309.76	*6.3*	780	14.6	<0.5	30	0.1		82	13		**0.075**	0.1		<0.0002	<0.002	*170*		<0.003	***7.8***			
B-102D	11-16-1998	N	1309.28	*6.3*	700	5.9	<0.5	24	<0.1		75	11.4							*140*			***5.4***			
B-102D	04-05-1999	N	1309.53	*6.2*	682	8.9	0.3	28	<0.1		59	10							*150*			***7***			
B-102D	07-27-1999	N	1309.5	*6.4*	873	11	0.2	14	<0.1		42	7.5		**0.062**	<0.2		<0.0005	<0.005	*120*		<0.003	***5.6***			
B-102D	11-17-1999	N	1309.27	6.9	694	3.4	<0.4	5.46	0.127		26	6.06							*84.6*			***4.64***			
B-102D	04-10-2000	N	1309.63	6.8	704	7.4	<0.1	9.07	0.079		18	9.78							*85.2*			***5.7***			
B-102D	07-17-2000	N	1310.54	6.7	564	9.4	<0.1	4.28	0.321		<15	7.09		**0.108**	0.058		<0.003	<0.01	*47*		<0.002	***4.49***			
B-102D	11-13-2000	N	1310.08	6.5	579	5.5	<0.1	6.61	0.268		<15	6.65							*103*			***6.18***			
B-102D	04-02-2001	N	1309.09	6.6	547	5.4	<0.1	8.2	<0.02		20	4.19							*21.1*			***5.72***			
B-102D	07-09-2001	N	1308.95	6.5	496	14.1	<0.1	6.8	<0.02		<15	4.33		**0.05**	0.051		<0.003	0.011	*69*		<0.002	***5.05***			
B-102D	11-05-2001	N	1308.07	6.5	427	5.9	<0.1	5.59	0.024		<15	3.44							*12.5*			***0.69***			
B-102D	04-15-2002	N	1307.45	6.6	328	15	<0.1	3.42	0.111		16	3.54							*33.4*			***2.76***			
B-102D	07-15-2002	N	1312.79	6.7	270	14.2	<0.1	4.06	0.08		<15	3.41	<0.002	**0.059**	0.024	<0.002	<0.003	<0.01	*37*		<0.002	***2.4***		<0.02	<0.01
B-102D	11-18-2002	N	1307.95	6.9	200	7	<0.1	<2.5	0.045		<15	2.54							*20.9*			***1.72***			
B-102D	04-07-2003	N	1307.45	6.9	135	7.1	<0.1	<2.5	<0.02		<15	2.42							*19*			***1.28***			
B-102D	07-14-2003	N	1307.45	7.4	134	12	<0.1	<2.5	<0.02		<15	2.38	<0.002	**0.047**	<0.02	<0.002	<0.003	<0.01	*15.8*		<0.002	***1.17***		<0.02	<0.01
B-102D	11-03-2003	N	1307.59	7.3	80	5.8	<0.1	<2.5	<0.02		<15	1.72							*14.6*			***1.04***			
B-102D	04-05-2004	N	1308.99	6.7	114	7.1	<0.1	<2.5	0.14		<15	1.79							*15.1*			***1.07***			
B-102D	07-06-2004	N	1309.55	6.5	108	12.6	<0.1	<2.5	0.058		<15	1.64		**0.053**	<0.02		<0.003	<0.01	*13.9*		<0.002	***0.917***			
B-102D	11-08-2004	N	1309.32	*6.3*	94	5.2	<0.1	<2.5	0.105		<15	1.77							*13.5*			***0.911***			
B-102D	04-11-2005	N	1309.49	*6.4*	94	5	<0.1	<2.5	0.045		<15	1.62							*11.8*			***0.891***			
B-102D	07-11-2005	N	1313.43	6.6	92	13.6	<0.1	<2.5	0.476		<15	1.87		**0.027**	<0.02		<0.003	<0.01	*8.52*		<0.001	***0.862***			
B-102D	11-01-2005	N	1309.67	*6.2*	87	10.61	<0.1	<2.5	0.148		<15	1.48							*12.3*			***0.977***			
B-102D	04-10-2006	N	1310.46	6.8	91	7.5	<0.1	<2.5	<0.02		<15	1.55							*11.5*			***0.869***			
B-102D	07-10-2006	N	1310.79	6.7	90	12.6	<0.1	<2.5	0.079		<15	1.26		**0.041**	<0.02		<0.002	<0.01	*12.1*		<0.02	***0.961***			
B-102D	11-06-2006	N	1305.78	6.7	70	9.2	<0.1	<2.5	<0.02		<15	1.3							*11.9*			***1.02***			
B-102D	04-09-2007	N	1308.87	6.5	0	6.3	<0.1	<2.5	<0.02		<15	1.37							*12.5*			***1.02***			
B-102D	07-23-2007	N	1309.1	*6.4*	44	16.7	<0.1	<2.5	0.037		<15	1.21		**0.045**	<0.02		<0.002	<0.02	*11.8*		<0.001	***0.93***			
B-102D	11-05-2007	N	1308.42	6.8	90	8.5	<0.1	8.7	0.36		<10	1.1		**0.058**					*14.3*			***1.13***			
B-102D	04-21-2008	N	1307.75	6.78	218	18.3	<0.1	38	<0.02		16	1.8							*26*			***2.4***			
B-102D	07-21-2008	N	1309.61	6.5	260	15	<0.1	44	<0.02		11	1.4		**0.055**	<0.02		<0.002	<0.02	*28*		<0.001	***2.2***			
B-102D	11-18-2008	N	1310.43	*6.1*	170	6.9	<0.1	29	<0.02		16	1.3							*22*			***1.7***			
B-102D	04-07-2009	N	1309.11	6.61	250	8.5	<0.1	33	<0.5		<10	1.2							*22*			***1.9***			
B-102D	07-14-2009	N	1309.19	*5.83*	200	12.4	<0.1	45	<0.5		<10	1.5		**0.054**	0.022		<0.001	<0.001	*24*		<0.001	***2.3***			
B-102D	07-14-2009	FD					<0.1	41	<0.5		<10	1.4		**0.054**	0.017		<0.001	<0.001	*23*		<0.001	***2.2***			
B-102D	11-10-2009	N	1308.94	6.7	250	10.4	<0.1	48	<0.5		<10	1.2							*22*			***2***			
B-102D	04-08-2010	N	1309.08	*5.95*	400	10.9	<0.1	77	<0.5		<10	1.6							*34*			***3.1***			
B-102D	07-13-2010	N	1309.48	*6.19*	370	18.1	<0.1	100	<0.5		13	1.4		**0.049**	0.042		<0.001	<0.001	*37*		0.001	***3.7***			
B-102D	11-02-2010	N	1309.45	*5.22*	350	7.1	<0.1	100	<0.5		<10	2.4							*42*			***3.7***			
B-102D	04-18-2011	N	1310.16	*6.4*	510	13.5	<0.1	120	<0.5		20	1.8							*38*			***3.3***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102D	04-03-1995	N	950			1600																			**1100**							30
B-102D	06-12-1995	N																														
B-102D	07-13-1995	N		<10		600		<100					<20		<20			<10	<100	<100			<20		1000		<20					30
B-102D	11-14-1995	N		<10		<100		<100					<20		<20			<10	<100	<100			<20		680		<20					20
B-102D	11-27-1995	N		<10		<100		<100					<20		<20			<10	<100	<100			<20		770		<20					30
B-102D	04-15-1996	N		<1		<10		<10					3		<2			4	10	<10			<2		410		<2					20
B-102D	07-09-1996	N		<1		<10		<10					3		<2			5	10	20			<2		450		<2					25
B-102D	11-11-1996	N		<1		<10		<10					3		<2			4	<10	10			<2		290		<2					18
B-102D	04-07-1997	N		<5		<50		7					<5		<5			<5	<50	<50			<5		60		<5					<10
B-102D	07-07-1997	N		<1		<10		5					2		<1			1	<10	<10			<1		44		<1					3.3
B-102D	11-11-1997	N		<1		<20		2.2					<1		<1			<1	<10	<10			<1		25		<1					<2
B-102D	04-13-1998	N		1		<10		10					<1		<1			1.2	14	10			<1		184		1.3			2.7		2.7
B-102D	07-13-1998	N		1		<10		12					<1		1.1	9.2		<1	<10	11			<1	32	210		<1			2		2
B-102D	11-16-1998	N		0.6		<10		7.1					<1		0.9	5.6		<1	<10	<10			<1	15	21		<1					<2
B-102D	04-05-1999	N		0.9		<10		8.7					<1		1.3	7.4		<1	<10	<10			<1	19	10		<1			1		1
B-102D	07-27-1999	N		1.9		<10		13					5.7		3	<5		<1	<10	<10			<1	<10	9.4		0.8					<2
B-102D	11-17-1999	N		2		<20		6.6					9.3		3.3	<20		<1	<20	<20			<1	<10	2.6		<1					<2
B-102D	04-10-2000	N		1.7		<20		<5					12.2		2.9	<20		<1	<20	<20			<1	<20	2.3		1.4					<2
B-102D	07-17-2000	N		1.1		<20		<5					6.8		2.2	<20		<1	<20	<20			<1	<10	1.1		1.1					<2
B-102D	11-13-2000	N		1.8		<20		<5					9.2		4.3	<20		<1	<20	<20			<1	<10	1.1		<1					<2
B-102D	04-02-2001	N		1.2		<20		<5					9.8		3.2	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	07-09-2001	N		<1		<20		<5					5.2		2.3	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	11-05-2001	N		<1		<20		<5					2.4		1.1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	04-15-2002	N		<1		<20		<5					1.3		<1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	07-15-2002	N		<1		<20		<5					<1		<1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	11-18-2002	N		<1		<20		<5					<1		<1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	04-07-2003	N		<1		<25		<5					<1		<1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	07-14-2003	N		<1		<20		<5					<1		<1	<20		<1	<20	<20			<1	<10	<1		<1					<2
B-102D	11-03-2003	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	04-05-2004	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	07-06-2004	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	11-08-2004	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	04-11-2005	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			1.7	<10	<1		<1					<2
B-102D	07-11-2005	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	11-01-2005	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	04-10-2006	N		<1		<10		<5					<2		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	07-10-2006	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	11-06-2006	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	04-09-2007	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	07-23-2007	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	11-05-2007	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	04-21-2008	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	07-21-2008	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	11-18-2008	N		<1		<10		<5					<1		<1	<5		<1	<10	<10			<1	<10	<1		<1					<2
B-102D	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-102D	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-102D	07-14-2009	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	
B-102D	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-102D	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-102D	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	
B-102D	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-102D	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	

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-102D	04-03-1995	N																			
B-102D	06-12-1995	N																			
B-102D	07-13-1995	N																			
B-102D	11-14-1995	N																			
B-102D	11-27-1995	N																			
B-102D	04-15-1996	N																			
B-102D	07-09-1996	N																			
B-102D	11-11-1996	N																			
B-102D	04-07-1997	N																			
B-102D	07-07-1997	N																			
B-102D	11-11-1997	N																			
B-102D	04-13-1998	N																			
B-102D	07-13-1998	N																			
B-102D	11-16-1998	N																			
B-102D	04-05-1999	N																			
B-102D	07-27-1999	N																			
B-102D	11-17-1999	N																			
B-102D	04-10-2000	N																			
B-102D	07-17-2000	N																			
B-102D	11-13-2000	N																			
B-102D	04-02-2001	N																			
B-102D	07-09-2001	N																			
B-102D	11-05-2001	N																			
B-102D	04-15-2002	N																			
B-102D	07-15-2002	N																			
B-102D	11-18-2002	N																			
B-102D	04-07-2003	N																			
B-102D	07-14-2003	N																			
B-102D	11-03-2003	N																			
B-102D	04-05-2004	N																			
B-102D	07-06-2004	N																			
B-102D	11-08-2004	N																			
B-102D	04-11-2005	N																			
B-102D	07-11-2005	N																			
B-102D	11-01-2005	N																			
B-102D	04-10-2006	N																			
B-102D	07-10-2006	N																			
B-102D	11-06-2006	N																			
B-102D	04-09-2007	N																			
B-102D	07-23-2007	N																			
B-102D	11-05-2007	N																			
B-102D	04-21-2008	N																			
B-102D	07-21-2008	N																			
B-102D	11-18-2008	N																			
B-102D	04-07-2009	N																			
B-102D	07-14-2009	N																			
B-102D	07-14-2009	FD																			
B-102D	11-10-2009	N																			
B-102D	04-08-2010	N																			
B-102D	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-102D	11-02-2010	N																			
B-102D	04-18-2011	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102D	07-13-2011	N	1310.27	*6*	510	16.2	<0.1	120	<0.5		14	1.7		**0.051**	0.036		<0.001	<0.001	*42*		<0.001	***3.8***			
B-102D	11-02-2011	N	1309.39	6.83	460	7.6	<0.1	110	<0.5		<10	1.7							*38*			***3.2***			
B-102D	04-10-2012	N	1308.11	6.5	610	11.6	<0.1	69	<0.5		20	1.3							*20*			***1.7***			
B-102D	07-16-2012	N	1307.91	6.62	390	19.1	<0.1	43	<0.5		<10	1		**0.06**	0.017		<0.001	<0.001	*15*		<0.001	***1.3***			
B-102D	11-06-2012	N	1307.58	6.88	323	9	<0.1	17	<0.5		<10	0.8							*9.9*			***0.84***			
B-102D	04-10-2013	N	1307.22	6.79	380	10.8	<0.1	15	<0.5		<10	0.8							*6.3*			***0.8***			
B-102D	07-08-2013	N	1305.64	6.58	160	17.9	<0.1	6	<0.5		<10	0.7		**0.06**	0.008		<0.001	<0.001	*5.8*		<0.001	***0.53***			
B-102D	11-07-2013	N	1308.22	7.06	352	10.5	<0.1	3	<0.5		<10	0.6							*5.2*			***0.48***			
B-102D	04-22-2014	N	1308.33	6.61	210	14.2	<0.1	2	<0.5		<10	0.5							*5.2*			***0.53***			
B-102D	07-14-2014	N	1308.06	7.26	115	16.1	<0.1	2	<0.5		<10	0.5		**0.061**	0.009		<0.001	<0.001	*5.6*		<0.001	***0.5***			
B-102D	11-04-2014	N	1307.65	6.68	420	10.9	<0.1	2	<0.5		<10	0.6							*4.6*			***0.43***			
B-102D	04-13-2015	N	1307.08	7.24	116	14.6	<0.1	3	<0.5		<10	0.6							*5.3*			***0.49***			
B-102D	07-21-2015	N	1307.09	7.2	105	17.6	<0.1	3	<0.5		<10	<0.5		**0.065**	0.006		<0.001	<0.001	*4.8*		<0.001	***0.45***			
B-102D	11-10-2015	N	1306.82	6.92	101	13.6	<0.1	2	<0.5		<10	0.6							*4.9*			***0.53***			
B-102D	04-11-2016	N	1306.65	7.11	130	10.1	<0.1	2	<0.5		<10	0.7							*4.9*			***0.48***			
B-102D	07-11-2016	N	1306.79	7.22	123	16.3	<0.1	2	<0.5		<10	0.8		**0.058**	0.005		<0.001	<0.001	*5.5*		<0.001	***0.57***			
B-102D	11-07-2016	N	1306.33	7.41	119	13.3	<0.1	2	<0.5		<10	0.5							*5.4*			***0.5***			
B-102D	04-03-2017	N	1305.96	7.03	118	14.5	<0.1	3	<0.5		<10	<0.5							*4.9*			***0.66***			
B-102D	07-25-2017	N	1306.46	7.19	107	14.8	<0.1	2	<0.5		<10	<0.5		**0.062**	0.012		<0.001	<0.001	*6.2*		<0.001	***0.73***			
B-102D	11-09-2017	N	1306.64	7.9	134	12.4	<0.1	2	<0.5		<10	0.7							*6.6*			***0.79***			
B-102D	04-24-2018	N	1306.66	6.58	101	15.8	<0.1	1.8	<0.5		<10	0.59							*8.8*			***0.99***			
B-102D	07-11-2018	N	1306.82	6.95	118	17.1	<0.1	1.9	<0.5		<10	<0.5		**0.065**	0.0064		<0.001	<0.001	*8.2*		<0.001	***0.97***			
B-102D	11-05-2018	N	1306.44	7.65	122	12.1	<0.1	1.9	<0.5		<10	<0.5							*7.7*			***0.84***			
B-102D	04-23-2019	N	1306.47	6.76	90	12.4	<0.1	1.7	<0.5		<10	<0.5							*8.5*			***1.1***			
B-102D	07-08-2019	N	1306.78	6.6	106	14.5	<0.1	2	<0.5		<10	<0.5		**0.06**	0.0075		<0.001	<0.001	*8.1*		<0.001	***1.1***			
B-102D	11-06-2019	N	1306.86	6.71	102	12	<0.1	2.1	<0.5		<10	<0.5							*9*			***1.1***			
B-102D	04-20-2020	N	1307.13	6.9	107	12.6	<0.1	1.7	<0.5		<10	<0.5							*9.4*			***1.3***			
B-102D	07-16-2020	N	1307.14	6.92	103	15	<0.1	1.9	<0.5		<10	<0.5		**0.062**	0.02		<0.001	<0.001	*10*		<0.001	***1.4***			
B-102D	11-03-2020	N	1306.72	6.96	95	10.6	<0.1	1.6	<0.5		<10	<0.5							*9.3*			***1***			
B-102D	04-20-2021	N	1306.63	6.86	86	12.5	<0.1	2	<0.5		<10	<0.5							*10*			***1.3***			
B-102D	07-05-2021	N	1299.7	6.82	120	15.2	<0.1	1.7	<0.5		<10	<0.5		**0.064**	0.0066		<0.001	<0.001	*10*		<0.001	***1.3***			
B-102D	09-29-2021	N	1306.04																						
B-102D	11-01-2021	N	1305.79	6.86	89	13.1	<0.1	1.3	<0.5		<10	<0.5							*9.9*			***1.4***			
B-102D	04-20-2022	N	1305.68	6.77	113	11.9	<0.1	1.8	<0.5		<10	0.62							*10*			***1.3***			
B-102D	07-13-2022	N	1303.6	6.99	101	14.1	<0.1	1.9	<0.5		<10	0.76		**0.063**	0.0068		<0.001	<0.001	*10*		<0.001	***1.3***			
B-102D	11-01-2022	N	1305.33																						
B-102D	12-01-2022	N	1305.24	*6.08*	89	10.09	<0.1	1.7	<0.5	6.7	<10	<0.5	<0.001	**0.061**	0.0096	<0.001	<0.001	<0.001	*9.9*		<0.001	***1.2***		<0.001	<0.001
B-102D	03-20-2023	N	1305.81	6.8	105	11.5	<0.1	1.6	<0.5	6.6	<10	0.61	<0.001	**0.06**	0.0092	<0.001	<0.001	<0.001	*9.9*		<0.001	***1.2***		<0.001	<0.001
B-102D	04-19-2023	N	1305.93																						
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	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	
B-102D	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-102D	11-09-2017	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	11-06-2019	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-102D	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-102D	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-102D	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-102D	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-102D	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-102D	09-29-2021	N																														
B-102D	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-102D	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-102D	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-102D	11-01-2022	N																														
B-102D	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-102D	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-102D	04-19-2023	N																														
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							

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-102D	07-13-2011	N																			
B-102D	11-02-2011	N																			
B-102D	04-10-2012	N																			
B-102D	07-16-2012	N																			
B-102D	11-06-2012	N																			
B-102D	04-10-2013	N																			
B-102D	07-08-2013	N																			
B-102D	11-07-2013	N																			
B-102D	04-22-2014	N																			
B-102D	07-14-2014	N																			
B-102D	11-04-2014	N																			
B-102D	04-13-2015	N																			
B-102D	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-102D	11-10-2015	N																			
B-102D	04-11-2016	N																			
B-102D	07-11-2016	N																			
B-102D	11-07-2016	N																			
B-102D	04-03-2017	N																			
B-102D	07-25-2017	N																			
B-102D	11-09-2017	N																			
B-102D	04-24-2018	N																			
B-102D	07-11-2018	N																			
B-102D	11-05-2018	N																			
B-102D	04-23-2019	N																			
B-102D	07-08-2019	N																			
B-102D	11-06-2019	N																			
B-102D	04-20-2020	N																			
B-102D	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-102D	11-03-2020	N																			
B-102D	04-20-2021	N																			
B-102D	07-05-2021	N																			
B-102D	09-29-2021	N																			
B-102D	11-01-2021	N																			
B-102D	04-20-2022	N																			
B-102D	07-13-2022	N																			
B-102D	11-01-2022	N																			
B-102D	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-102D	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-102D	04-19-2023	N																			
B-103S	09-18-1984	N																			
B-103S	09-27-1984	N																			
B-103S	02-15-1985	N																			
B-103S	06-24-1985	N																			
B-103S	09-13-1985	N																			
B-103S	02-06-1986	N																			
B-103S	06-05-1986	N																			
B-103S	11-15-1986	N																			
B-103S	03-03-1987	N																			
B-103S	06-11-1987	N																			
B-103S	09-21-1987	N																			
B-103S	12-29-1987	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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
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
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

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	03-29-1988	N																			
B-103S	07-13-1988	N																			
B-103S	10-17-1988	N																			
B-103S	12-20-1988	N																			
B-103S	04-26-1989	N																			
B-103S	07-27-1989	N																			
B-103S	10-26-1989	N																			
B-103S	02-06-1990	N																			
B-103S	05-23-1990	N																			
B-103S	08-29-1990	N																			
B-103S	12-03-1990	N																			
B-103S	02-28-1991	N																			
B-103S	07-08-1991	N																			
B-103S	09-09-1991	N																			
B-103S	01-02-1992	N																			
B-103S	04-10-1992	N																			
B-103S	07-08-1992	N																			
B-103S	10-07-1992	N																			
B-103S	04-15-1993	N																			
B-103S	05-20-1993	N																			
B-103S	07-15-1993	N																			
B-103S	11-24-1993	N																			
B-103S	04-13-1994	N																			
B-103S	07-07-1994	N																			
B-103S	11-28-1994	N																			
B-103S	04-03-1995	N																			
B-103S	06-12-1995	N																			
B-103S	07-13-1995	N									100							**390**			
B-103S	11-14-1995	N																			
B-103S	11-27-1995	N																			
B-103S	04-15-1996	N																			
B-103S	07-09-1996	N																			
B-103S	11-11-1996	N																			
B-103S	04-07-1997	N																			
B-103S	07-07-1997	N																			
B-103S	11-11-1997	N																			
B-103S	04-13-1998	N																			
B-103S	07-13-1998	N																			
B-103S	11-16-1998	N																			
B-103S	04-05-1999	N																			
B-103S	07-27-1999	N																			
B-103S	11-17-1999	N																			
B-103S	04-10-2000	N																			
B-103S	07-17-2000	N																			
B-103S	11-13-2000	N																			
B-103S	04-02-2001	N																			
B-103S	07-09-2001	N																			
B-103S	11-05-2001	N																			
B-103S	04-15-2002	N																			
B-103S	07-15-2002	N																			
B-103S	11-18-2002	N																			
B-103S	04-07-2003	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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	
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	
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	

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	07-14-2003	N																			
B-103S	11-03-2003	N																			
B-103S	04-05-2004	N																			
B-103S	07-06-2004	N																			
B-103S	11-08-2004	N																			
B-103S	04-11-2005	N																			
B-103S	07-11-2005	N																			
B-103S	11-01-2005	N																			
B-103S	04-10-2006	N																			
B-103S	07-10-2006	N																			
B-103S	11-06-2006	N																			
B-103S	04-09-2007	N																			
B-103S	07-23-2007	N																			
B-103S	11-05-2007	N																			
B-103S	04-21-2008	N																			
B-103S	07-21-2008	N																			
B-103S	11-18-2008	N																			
B-103S	04-07-2009	N																			
B-103S	07-14-2009	N																			
B-103S	11-09-2009	N																			
B-103S	02-15-2010	N																			
B-103S	03-10-2010	N																			
B-103S	04-08-2010	N																			
B-103S	05-26-2010	N																			
B-103S	06-16-2010	N																			
B-103S	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-103S	08-10-2010	N																			
B-103S	09-08-2010	N																			
B-103S	10-05-2010	N																			
B-103S	11-01-2010	N																			
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																			
B-103S	07-13-2011	N																			
B-103S	11-02-2011	N																			
B-103S	04-10-2012	N																			
B-103S	07-16-2012	N																			
B-103S	11-06-2012	N																			
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

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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***			
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-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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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	
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-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							

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	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																			
B-103S	04-18-2023	N																			
B-103D	03-03-1987	N																			
B-103D	06-11-1987	N																			
B-103D	09-21-1987	N																			
B-103D	12-29-1987	N																			
B-103D	03-29-1988	N																			
B-103D	07-13-1988	N																			
B-103D	10-17-1988	N																			
B-103D	12-20-1988	N																			
B-103D	04-26-1989	N																			
B-103D	07-27-1989	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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
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
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
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

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	10-26-1989	N																			
B-103D	02-06-1990	N																			
B-103D	05-23-1990	N																			
B-103D	08-29-1990	N																			
B-103D	12-03-1990	N																			
B-103D	02-28-1991	N																			
B-103D	07-08-1991	N																			
B-103D	09-09-1991	N																			
B-103D	01-02-1992	N																			
B-103D	04-10-1992	N																			
B-103D	07-08-1992	N																			
B-103D	10-07-1992	N																			
B-103D	04-15-1993	N																			
B-103D	05-20-1993	N																			
B-103D	07-15-1993	N																			
B-103D	11-24-1993	N																			
B-103D	04-13-1994	N																			
B-103D	07-07-1994	N																			
B-103D	11-28-1994	N																			
B-103D	04-03-1995	N																			
B-103D	06-12-1995	N																			
B-103D	07-13-1995	N									640							**460**			
B-103D	11-14-1995	N																			
B-103D	11-27-1995	N																			
B-103D	04-15-1996	N																			
B-103D	07-09-1996	N																			
B-103D	11-11-1996	N																			
B-103D	04-07-1997	N																			
B-103D	07-07-1997	N																**145**			
B-103D	11-11-1997	N																			
B-103D	04-13-1998	N																			
B-103D	07-13-1998	N																			
B-103D	11-16-1998	N																			
B-103D	04-05-1999	N																			
B-103D	07-27-1999	N																			
B-103D	11-17-1999	N																			
B-103D	04-10-2000	N																			
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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	07-11-2005	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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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		<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																																																		
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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																						
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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																						
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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																						
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																						
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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																						
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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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-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																							
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																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

			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
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-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-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																				
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																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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			
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

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-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																				
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																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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	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																																																		
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	<0.1	<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-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																						
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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***			
MW-603	06-12-1995	N	1309.53																						
MW-603	07-07-1997	N	1312.23	*6.4*	103	14	<0.1	3	0.3		<20	0.1							<0.03			<0.02			
MW-603	07-27-1999	N	1310.9	*5.7*	146	9	<0.1	2	0.4		<20	1.3							*0.77*			*0.07*			
MW-603	11-13-2000	N	1311.38	6.6	108	8	<0.1	1.49	0.41		<15	0.078							0.037			*0.052*			
MW-603	04-02-2001	N	1310.33	*5.8*	127	8.7	<0.1	<2.5	0.323		<15	0.197							0.022			0.015			
MW-603	07-09-2001	N	1310.21	7.8	84	19.9	<0.1	<2.5	0.157		<15	0.111							<0.01			0.009			
MW-603	11-05-2001	N	1309.38	6.5	94	6.4	<0.1	<2.5	0.273		<15	0.268							0.16			0.02			
MW-603	04-15-2002	N	1308.76	6.5	62	13.4	<0.1	<2.5	0.167		<15	0.379							0.016			<0.005			
MW-603	07-15-2002	N	1309.15	*6.4*	62	9.3	<0.1	<2.5	0.169		<15	0.567	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.022		<0.002	0.018		<0.02	<0.01
MW-603	11-18-2002	N	1309.31	7.1	60	6.5	<0.1	<2.5	0.101		<15	0.152							0.012			<0.005			
MW-603	04-07-2003	N	1308.81	*6.2*	56	4.5	<0.1	<2.5	0.12		<15	0.255							<0.01			<0.005			
MW-603	07-14-2003	N	1308.9	7.2	69	10.3	<0.1	<2.5	0.217		<15	0.196	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.056		<0.002	<0.005		<0.02	<0.01
MW-603	11-03-2003	N	1308.92	6.8	20	6.4	<0.1	<2.5	0.17		<15	0.259							0.015			<0.005			
MW-603	04-05-2004	N	1310.19	*5.5*	77	5.4	<0.1	<2.5	0.126		<15	0.297							0.017			0.013			
MW-603	07-06-2004	N	1310.72	*6.3*	63	10	<0.1	<2.5	0.245		<15	0.507							0.018			0.006			
MW-603	11-08-2004	N	1310.59	*6.3*	50	5.8	<0.1	<2.5	0.128		<15	0.175							<0.01			<0.005			
MW-603	04-11-2005	N	1310.47	*6.1*	70	7.3	<0.1	<2.5	0.146		<15	0.179							<0.01			0.009			
MW-603	07-11-2005	N	1310.52	6.9	243	13.2	<0.1	<2.5	0.242		<15	0.137	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.001	0.012		<0.02	<0.01
MW-603	11-01-2005	N	1310.48	*5.9*	56	8.9	<0.1	<2.5	0.131		<15	0.1							<0.01			<0.005			
MW-603	04-10-2006	N	1311.51	*6.1*	65	9.2	<0.1	<2.5	0.125		<15	0.226							<0.01			0.02			
MW-603	07-10-2006	N	1311.88	*6*	40	16.1	<0.1	<2.5	0.117		<15	0.13							<0.01			<0.005			
MW-603	11-06-2006	N	1311.88	*6.4*	80	8.4	<0.1	<2.5	0.106		<15	0.28							0.02			<0.02			
MW-603	04-09-2007	N	1311.59	*6*	20	5.3	<0.1	<2.5	0.097		<15	0.147							<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-007

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-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	<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	<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																						
MW-603	06-12-1995	N																																																		
MW-603	07-07-1997	N																																																		
MW-603	07-27-1999	N										2.1																																								
MW-603	11-13-2000	N										<10																																								
MW-603	04-02-2001	N										<10																																								
MW-603	07-09-2001	N																																																		
MW-603	11-05-2001	N										<10																																								
MW-603	04-15-2002	N										<10																																								
MW-603	07-15-2002	N																																																		
MW-603	11-18-2002	N										<10																																								
MW-603	04-07-2003	N										<10																																								
MW-603	07-14-2003	N																																																		
MW-603	11-03-2003	N										<5																																								
MW-603	04-05-2004	N										<5																																								
MW-603	07-06-2004	N																																																		
MW-603	11-08-2004	N										<5																																								
MW-603	04-11-2005	N										<5																																								
MW-603	07-11-2005	N																																																		
MW-603	11-01-2005	N										<5																																								
MW-603	04-10-2006	N										<5																																								
MW-603	07-10-2006	N																																																		
MW-603	11-06-2006	N										<5																																								
MW-603	04-09-2007	N										<5																																								

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-603	07-23-2007	N	1311.88	*5.4*	69	14.2	<0.1	<2.5	0.325		<15	0.225	<0.002	<0.002	<0.02	<0.002	<0.002	<0.02	<0.02		<0.001	<0.02		<0.02	<0.02
MW-603	11-05-2007	N	1311.13	*6.4*	40	7.9	<0.1	<2.5	0.16		<10	0.19		<0.002					0.079			<0.02			
MW-603	04-21-2008	N	1310.38	7.04	72	10.8	<0.1	<2.5	1.1		10	0.28							<0.02			<0.02			
MW-603	07-21-2008	N	1310.66	*5.7*	88	16	<0.1	<2.5	0.16		<10	0.12							<0.02			0.023			
MW-603	11-18-2008	N	1311.59	*6*	40	5.5	<0.1	<2.5	0.13		14	<0.1							0.041			<0.02			
MW-603	04-07-2009	N	1311.71	*6.03*	70	7.8	<0.1	2	<0.5		<10	<0.5							<0.05			0.023			
MW-603	07-14-2009	N	1311.87	*6.28*	70	13.7	<0.1	2	<0.5		<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	<0.001	<0.05		<0.001	*0.058*		0.002	<0.001
MW-603	11-10-2009	N	1311.65	6.7	60	12.2	<0.1	2	<0.5		<10	<0.5							<0.05			0.009			
MW-603	04-08-2010	N	1311.39	*5.66*	90	15.3	<0.1	2	<0.5		<10	<0.5							<0.05			0.014			
MW-603	07-13-2010	N	1311.88	*6.08*	80	19.2	<0.1	3	<0.5		<10	<0.5							<0.05			*0.068*			
MW-603	11-02-2010	N	1311.8	*6*	50	10.6	<0.1	2	<0.5		<10	<0.5							<0.05			0.008			
MW-603	11-02-2010	FD					<0.1	2	<0.5		<10	<0.5							<0.05			0.009			
MW-603	04-19-2011	N	1312.05	*6.48*	80	10.3	<0.1	2	<0.5		<10	<0.5							<0.05			0.023			
MW-603	07-13-2011	N	1312.73	*6*	50	18.8	<0.1	2	<0.5		11	<0.5	<0.001	<0.0005	0.006	<0.001	<0.001	<0.001	<0.05		<0.001	0.05		0.007	<0.001
MW-603	11-02-2011	N	1311.76	6.55	80	14.5	<0.1	3	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-11-2012	N	1310.45	6.5	300	9.1	<0.1	3	<0.5		<10	<0.5							<0.05			0.01			
MW-603	07-17-2012	N	1310.35	6.95	150	19.3	<0.1	2	<0.5		<10	<0.5							<0.05			0.009			
MW-603	11-06-2012	N	1309.994	6.64	94	9.7	<0.1	3	<0.5		<10	<0.5							0.07			0.012			
MW-603	04-11-2013	N	1309.7	*6*	40	10.1	<0.1	2	<0.5		<10	<0.5							*0.36*			0.031			
MW-603	07-09-2013	N	1310.01	6.57	80	18.7	<0.1	2	<0.5		<10	<0.5	<0.001	<0.0005	0.007	<0.001	<0.001	<0.001	<0.05		<0.001	0.005		0.004	<0.001
MW-603	11-06-2013	N	1310.6	*6.42*	150	12.2	<0.1	2	<0.5		<10	<0.5							0.05			<0.005			
MW-603	04-22-2014	N	1310.51	*6.13*	120	16.5	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-15-2014	N	1310.45	*5.8*	111	15.7	<0.1	2	<0.5		13	<0.5							*0.54*			0.042			
MW-603	11-04-2014	N	1310.18	*6.41*	340	11.8	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-14-2015	N	1309.44	7.01	78	15.4	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-22-2015	N	1309.52	6.63	153	15.4	<0.1	1	<0.5		<10	<0.5	<0.001	<0.0005	0.005	<0.001	<0.001	<0.001	0.07		<0.001	<0.005		0.001	<0.001
MW-603	11-10-2015	N	1309.4	7.26	130	13.7	<0.1	2	<0.5		<10	0.6							<0.05			<0.005			
MW-603	04-11-2016	N	1309.24	6.65	97	11.2	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-11-2016	N	1309.41	7.7	79	17.9	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	11-07-2016	N	1309	6.65	74	14.6	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-03-2017	N	1308.57	6.95	69	14.7	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-26-2017	N	1309.04	*6.38*	102	14.7	<0.1	2	<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
MW-603	11-09-2017	N	1309.23	7.25	97	12.7	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-24-2018	N	1309.23	*6.47*	79	14.6	<0.1	2.2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-11-2018	N	1309.52	*5.91*	96	18.7	<0.1	2.4	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	11-05-2018	N	1309.16	*6.4*	78	10.9	<0.1	2.7	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-22-2019	N	1308.92	6.72	94	17.2	<0.1	2.7	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-08-2019	N	1309.42	7.08	97	16.3	<0.1	4.5	<0.5		<10	<0.5	<0.001	<0.0005	0.0059	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
MW-603	11-06-2019	N	1309.44	6.79	98	11.1	<0.1	3.9	<0.5		<10	<0.5							*0.52*			*0.055*			
MW-603	04-20-2020	N	1309.64	6.61	100	12.8	<0.1	3	<0.5		<10	<0.5							<0.05			0.019			
MW-603	07-15-2020	N	1309.81	6.83	87	15.3	<0.1	4.3	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	11-04-2020	N	1309.48	7.34	75	12.1	<0.1	2.4	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-20-2021	N	1309.22	7.25	70	11.6	<0.1	2.9	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	07-06-2021	N	1309.08	6.66	79	17.4	<0.1	3.4	<0.5		<10	<0.5	<0.001	<0.0005	0.0056	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
MW-603	11-02-2021	N	1308.6	6.97	60	10.8	<0.1	1.4	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	02-22-2022	N	1308.41																						
MW-603	04-18-2022	N	1308.41																						
MW-603	04-20-2022	N	1308.37	7.21	71	8	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	06-08-2022	N	1308.52																						
MW-603	07-12-2022	N	1308.53	6.85	70	16.2	<0.1	2.5	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	11-02-2022	N	1308.12	6.8	75	12.9	<0.1	2.3	<0.5		<10	<0.5							<0.05			<0.005			
MW-603	04-19-2023	N	1308.68	7.12	76	9.4	<0.1	2.3	<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-007

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-603	07-23-2007	N																														
MW-603	11-05-2007	N										<5																				
MW-603	04-21-2008	N										<5																				
MW-603	07-21-2008	N																														
MW-603	11-18-2008	N										<5																				
MW-603	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	
MW-603	07-14-2009	N																														
MW-603	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	
MW-603	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	
MW-603	07-13-2010	N																														
MW-603	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	
MW-603	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	
MW-603	04-19-2011	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-603	07-13-2011	N																														
MW-603	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	
MW-603	04-11-2012	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	
MW-603	07-17-2012	N																														
MW-603	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-603	04-11-2013	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-603	07-09-2013	N																														
MW-603	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-603	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	
MW-603	07-15-2014	N																														
MW-603	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-603	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-603	07-22-2015	N																														
MW-603	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-603	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	
MW-603	07-11-2016	N																														
MW-603	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-603	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-603	07-26-2017	N																														
MW-603	11-09-2017	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-603	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-603	07-11-2018	N																														
MW-603	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-603	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	
MW-603	07-08-2019	N																														
MW-603	11-06-2019	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-603	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-603	07-15-2020	N																														
MW-603	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-603	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	
MW-603	07-06-2021	N																														
MW-603	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	
MW-603	02-22-2022	N																														
MW-603	04-18-2022	N																														
MW-603	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-603	06-08-2022	N																														
MW-603	07-12-2022	N																														
MW-603	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-603	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	

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-603	07-23-2007	N																			
MW-603	11-05-2007	N																			
MW-603	04-21-2008	N																			
MW-603	07-21-2008	N																			
MW-603	11-18-2008	N																			
MW-603	04-07-2009	N																			
MW-603	07-14-2009	N																			
MW-603	11-10-2009	N																			
MW-603	04-08-2010	N																			
MW-603	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
MW-603	11-02-2010	N																			
MW-603	11-02-2010	FD																			
MW-603	04-19-2011	N																			
MW-603	07-13-2011	N																			
MW-603	11-02-2011	N																			
MW-603	04-11-2012	N																			
MW-603	07-17-2012	N																			
MW-603	11-06-2012	N																			
MW-603	04-11-2013	N																			
MW-603	07-09-2013	N																			
MW-603	11-06-2013	N																			
MW-603	04-22-2014	N																			
MW-603	07-15-2014	N																			
MW-603	11-04-2014	N																			
MW-603	04-14-2015	N																			
MW-603	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
MW-603	11-10-2015	N																			
MW-603	04-11-2016	N																			
MW-603	07-11-2016	N																			
MW-603	11-07-2016	N																			
MW-603	04-03-2017	N																			
MW-603	07-26-2017	N																			
MW-603	11-09-2017	N																			
MW-603	04-24-2018	N																			
MW-603	07-11-2018	N																			
MW-603	11-05-2018	N																			
MW-603	04-22-2019	N																			
MW-603	07-08-2019	N																			
MW-603	11-06-2019	N																			
MW-603	04-20-2020	N																			
MW-603	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-603	11-04-2020	N																			
MW-603	04-20-2021	N																			
MW-603	07-06-2021	N																			
MW-603	11-02-2021	N																			
MW-603	02-22-2022	N																			
MW-603	04-18-2022	N																			
MW-603	04-20-2022	N																			
MW-603	06-08-2022	N																			
MW-603	07-12-2022	N																			
MW-603	11-02-2022	N																			
MW-603	04-19-2023	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-604	06-12-1995	N	1291.63																						
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

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-604	06-12-1995	N																																																				
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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
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-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-007

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-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																						
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-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																																																		
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-007

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-801	11-16-1998	N	1305.6	*6.2*	320	8.1	<0.5	17	<0.1		56	2.32							*25*			***2.3***			
MW-801	04-05-1999	N	1305.99	6.7	260	7.6		3	0.4		38	2.8							*31*			***3.5***			
MW-801	07-27-1999	N	1305.5	6.5	200	14	<0.1	4	<0.1		<20	1.4		**0.034**	<0.2		<0.0005	<0.005	*16*		<0.003	***2***			<0.02
MW-801	11-17-1999	N	1299.17	7.3	198	2.8	<0.1	1.57	0.14		<15	0.653		**0.032**	0.029		<0.003	<0.01	*17.1*		<0.002	***1.99***			<0.01
MW-801	04-10-2000	N	1307.57	6.7	204	7.5	<0.1	4.27	0.119		<15	1.07							*17*			***2.28***			
MW-801	07-17-2000	N	1306.64	6.8	171	12.2	<0.1	1.75	0.027		20	1.06	<0.002	**0.055**	0.039	<0.002	<0.003	<0.01	*12.3*		<0.002	***2.79***		<0.02	<0.01
MW-801	11-13-2000	N		6.5	126	8.9	<0.1	1.76	<0.02		<15	0.545							*11.7*			***2.24***			
MW-801	04-02-2001	N	1305.34	6.6	195	6.4	<0.1	<2.5	<0.02		<15	0.591							*11.3*			***2.5***			
MW-801	07-09-2001	N	1305.16	*6.1*	150	10.1	<0.1	<2.5	<0.02		<15	<0.04							*13.7*			***3.33***			
MW-801	11-05-2001	N	1304.38	*5.9*	176	6.1	<0.1	<2.5	<0.02		<15	0.838							*12.1*			***3.63***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																														
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	
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-801	11-16-1998	N						<1				<1	<1										<1		4							
MW-801	04-05-1999	N						1.3				1.4	2.2										<1		<1							
MW-801	07-27-1999	N																														
MW-801	11-17-1999	N						<5				<10	<1										<1		<1							
MW-801	04-10-2000	N						<5				<10	1										<1		<1							
MW-801	07-17-2000	N																														
MW-801	11-13-2000	N						<5				<10	<1										<1		<1							
MW-801	04-02-2001	N						<5				<10	<1										<1		<1							
MW-801	07-09-2001	N																														
MW-801	11-05-2001	N						<5				<10	<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																			
MW-701	04-18-2011	N																			
MW-701	07-12-2011	N																			
MW-701	11-01-2011	N																			
MW-701	04-10-2012	N																			
MW-701	07-16-2012	N																			
MW-701	11-06-2012	N																			
MW-701	04-09-2013	N																			
MW-701	07-08-2013	N																			
MW-701	11-06-2013	N																			
MW-701	04-23-2014	N																			
MW-701	07-14-2014	N																			
MW-701	11-04-2014	N																			
MW-701	04-14-2015	N																			
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																			
MW-701	04-12-2016	N																			
MW-701	07-13-2016	N																			
MW-701	11-08-2016	N																			
MW-701	04-03-2017	N																			
MW-701	07-24-2017	N																			
MW-701	11-07-2017	N																			
MW-701	04-23-2018	N																			
MW-701	07-10-2018	N																			
MW-701	11-06-2018	N																			
MW-701	04-23-2019	N																			
MW-701	07-09-2019	N																			
MW-701	11-04-2019	N																			
MW-701	01-07-2020	N																			
MW-701	04-20-2020	N																			
MW-701	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-701	11-02-2020	N																			
MW-701	01-13-2021	N																			
MW-701	04-19-2021	N																			
MW-701	07-06-2021	N																			
MW-701	11-01-2021	N																			
MW-701	01-06-2022	N																			
MW-701	04-18-2022	N																			
MW-701	07-12-2022	N																			
MW-701	11-02-2022	N																			
MW-701	01-04-2023	N																			
MW-701	04-19-2023	N																			
MW-801	11-16-1998	N																			
MW-801	04-05-1999	N																			
MW-801	07-27-1999	N																			
MW-801	11-17-1999	N																			
MW-801	04-10-2000	N																			
MW-801	07-17-2000	N																			
MW-801	11-13-2000	N																			
MW-801	04-02-2001	N																			
MW-801	07-09-2001	N																			
MW-801	11-05-2001	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-801	04-15-2002	N	1304.24	6.6	133	13	<0.1	<2.5	<0.02		<15	0.581							*9.58*			***3.26***			
MW-801	07-15-2002	N	1304.06	6.79	279	14	0.142	<2.5	<0.02		<15	0.86	<0.002	**0.042**	0.061	<0.002	<0.003	<0.01	*16.3*		<0.002	***5.35***		<0.02	<0.01
MW-801	11-18-2002	N	1304.09	6.9	350	6.2	<0.1	2.52	<0.02		16	0.62							*10.8*			***3.19***			
MW-801	04-07-2003	N	1303.65	6.7	104	6.5	<0.1	<2.5	0.071		<15	0.622							*8.15*			***2.25***			
MW-801	07-14-2003	N	1303.64	6.6	190	21.7	<0.1	2.61	<0.02		<15	0.646	<0.002	**0.012**	0.048	<0.002	<0.003	<0.01	*9.15*		<0.002	***3.1***		<0.01	<0.01
MW-801	11-03-2003	N	1303.91	7.4	140	6.7	<0.1	2.62	<0.02		<15	0.532							*10*			***2.53***			
MW-801	04-05-2004	N	1305.13	6.7	149	5.7	<0.1	3.18	0.105		<15	0.417							*11.7*			***3.86***			
MW-801	07-06-2004	N	1305.67	7	118	14.2	<0.1	<2.5	0.076		44	2.64							*9.25*			***2.74***			
MW-801	11-08-2004	N	1305.48																						
MW-801	04-11-2005	N	1306.46	*6.2*	123	4.7	<0.1	3.27	0.027		24	0.458							*7.88*			***3.76***			
MW-801	07-11-2005	N	1304.95	6.8	120	14.5	<0.1	5.01	0.576		<15	0.248	<0.002	**0.027**	0.043	<0.002	<0.003	<0.01	*7.24*		0.001	***4.41***		<0.02	<0.01
MW-801	11-01-2005	N	1307.15	*6.1*	117	10.5	<0.1	4.45	0.055		<15	0.455							*9.36*			***4.64***			
MW-801	04-10-2006	N	1306.97	*5.7*	136	8.6	<0.1	5.06	0.047		<15	0.289							*9.15*			***4.69***			
MW-801	07-10-2006	N	1307.38	6.6	100	14.6	0.249	3.18	0.06		<15	0.184							*7.61*			***4.51***			
MW-801	11-06-2006	N	1307.34	6.7	130	9.3	<0.1	<2.5	<0.02		<15	0.826							*5.85*			***5.15***			
MW-801	04-09-2007	N	1306.95	6.7	130	5	<0.1	2.74	0.029		17	0.781							*7.6*			***5.33***			
MW-801	07-23-2007	N	1307.04	7.4	134	18.4	<0.1	3.6	<0.02		<15	0.521	<0.002	**0.024**	0.042	<0.002	<0.002	<0.02	*8.96*		<0.001	***5.25***		<0.02	<0.02
MW-801	11-05-2007	N	1306.43	7	120	9	<0.1	3.2	0.22		<10	0.35		**0.023**					*8.58*			***4.93***			
MW-801	04-21-2008	N	1305.93	6.97	100	14.9	<0.1	3	0.02		29	0.48		**0.026**					*7.8*			***5.4***			
MW-801	07-21-2008	N	1305.9	*6.3*	100	13.2	<0.1	3.1	<0.02		62	2.2							*8*			***4.2***			
MW-801	11-18-2008	N	1306.6	*5.94*	100	5.2	<0.1	2.8	<0.02		10	0.23		**0.022**					*7*			***4.4***			
MW-801	04-07-2009	N	1307.15	*6.32*	110	7.6	<0.1	3	<0.5		<10	<0.5		**0.025**					*6.9*			***4.2***			
MW-801	07-14-2009	N	1307.19	*6.1*	100	12.7	<0.1	3	<0.5		<10	<0.5	<0.001	**0.023**	0.043	<0.001	<0.001	<0.001	*5.6*		<0.001	***4.6***		<0.001	<0.001
MW-801	11-09-2009	N	1307	6.8	60	12.6	<0.1	3	<0.5		<10	<0.5		**0.022**					*5.1*			***3.8***			
MW-801	04-08-2010	N	1306.94	*6.36*	230	11.7	<0.1	3	<0.5		<10	<0.5		**0.021**					*5.2*			***4.1***			
MW-801	07-13-2010	N	1307.09	*5.96*	100	15.2	<0.1	2	<0.5		<10	<0.5							*5*			***4.5***			
MW-801	11-02-2010	N	1307.22	*6.11*	160	6.4	<0.1	3	<0.5		<10	<0.5		**0.019**					*4.9*			***3.8***			
MW-801	04-18-2011	N	1309.48	6.67	80	12.3	<0.1	4	<0.5		<10	<0.5		**0.025**					*5.3*			***3.8***			
MW-801	07-13-2011	N	1307.97	*5.4*	100	14.4	<0.1	4	<0.5		20	<0.5	<0.001	**0.019**	0.048	<0.001	<0.001	<0.001	*5.5*		<0.001	***4.5***		0.002	<0.001
MW-801	11-02-2011	N	1307.2	7.28	100	8.3	<0.1	3	<0.5		<10	<0.5		**0.018**					*5.4*			***4.5***			
MW-801	04-10-2012	N	1305.88	6.6	160	9.5	<0.1	10	<0.5		<10	1.4		**0.018**					*6.7*			***6***			
MW-801	07-18-2012	N	1305.59	*6.43*	240	19.9	<0.1	25	<0.5		14	0.5		**0.018**					*7.9*			***8.1***			
MW-801	11-06-2012	N	1305.29	6.84	252	7.1	<0.1	13	<0.5		<10	<0.5		**0.016**					*6.3*			***5.7***			
MW-801	04-10-2013	N	1304.97	6.89	660	9.8	<0.1	40	<0.5		<10	<0.5		**0.017**					*12*			***11***			
MW-801	07-08-2013	N	1305.44	6.5	260	18.2	<0.1	37	<0.5		<10	<0.5	<0.001	**0.015**	0.16	<0.001	<0.001	<0.001	*8*		<0.001	***6.6***		0.001	<0.001
MW-801	11-07-2013	N	1305.83	*5.36*	880	8.2	<0.1	12	<0.5		<10	<0.5		**0.015**					*5.6*			***4.4***			
MW-801	04-22-2014	N	1306.57	*6.27*	200	13.8	<0.1	8	<0.5		<10	<0.5		**0.016**					*5.6*			***4.5***			
MW-801	07-14-2014	N	1305.85	7.11	179	15	<0.1	21	<0.5		<10	<0.5							*7.1*			***5.1***			
MW-801	11-04-2014	N	1305.49	7.14	500	10.4	<0.1	5	<0.5		<10	<0.5		**0.016**					*5.2*			***3.4***			
MW-801	04-14-2015	N	1305.1	7.01	133	12.5	<0.1	5	<0.5		<10	<0.5		**0.017**					*5.6*			***3.4***			
MW-801	07-21-2015	N	1305.02	6.64	144	16.5	<0.1	3	<0.5		<10	<0.5	<0.001	**0.016**	0.05	<0.001	<0.001	<0.001	*5*		<0.001	***3***		0.002	<0.001
MW-801	11-10-2015	N	1304.67	6.73	145	14.1	<0.1	4	<0.5		<10	<0.5		**0.016**					*6.7*			***4.5***			
MW-801	04-11-2016	N	1304.55	6.96	239	7.4	<0.1	3	<0.5		<10	<0.5		**0.017**					*7.8*			***3.9***			
MW-801	07-11-2016	N	1304.69	6.96	292	19.2	<0.1	11	<0.5		<10	<0.5							*20*			***7.5***			
MW-801	11-07-2016	N	1304.21	7.05	189	12	<0.1	6	<0.5		<10	<0.5		**0.015**					*11*			***3.4***			
MW-801	04-03-2017	N	1304.18	6.93	123	13	<0.1	2	<0.5		<10	<0.5		**0.014**					*6.2*			***3.8***			
MW-801	07-25-2017	N	1304.5	6.88	136	14.3	<0.1	4	<0.5		12	<0.5	<0.001	**0.013**	0.075	<0.001	<0.001	<0.001	*6.7*		<0.001	***4***		<0.001	<0.001
MW-801	11-09-2017	N	1304.84	7.1	150	11.3	<0.1	3	<0.5		<10	<0.5		**0.016**					*7.3*			***4.7***			
MW-801	04-24-2018	N	1304.78	6.7	96	16.2	<0.1	2.4	<0.5		<10	<0.5		**0.014**					*5.8*			***4***			
MW-801	07-11-2018	N	1304.65	*6.45*	146	17.8	<0.1	3.8	<0.5		<10	<0.5							*8.6*			***4.4***			
MW-801	11-05-2018	N	1304.37	6.55	146	9.7	<0.1	5.1	<0.5		<10	<0.5		**0.014**					*11*			***7.4***			
MW-801	04-22-2019	N	1304.93	6.69	106	15.1	<0.1	2.4	<0.5		<10	<0.5		**0.013**					*5.8*			***4***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-801	04-15-2002	N						<5				<10	<1											<1		<1																								
MW-801	07-15-2002	N																																															
MW-801	11-18-2002	N						<5				<10	<1											<1		<1																								
MW-801	04-07-2003	N						<5				<10	<1											<1		<1																								
MW-801	07-14-2003	N																																															
MW-801	11-03-2003	N						<5				<5	<1											<1		<1																								
MW-801	04-05-2004	N						<5				<5	<1											<1		<1																								
MW-801	07-06-2004	N																																															
MW-801	11-08-2004	N																																															
MW-801	04-11-2005	N						<5				<5	<1											1.6		<1																								
MW-801	07-11-2005	N																																															
MW-801	11-01-2005	N						<5				<5	<1											<1		<1																								
MW-801	04-10-2006	N						<5				<5	<2											<1		<1																								
MW-801	07-10-2006	N																																															
MW-801	11-06-2006	N						<5				<5	<1											<1		<1																								
MW-801	04-09-2007	N						<5				<5	<1											<1		<1																								
MW-801	07-23-2007	N																																															
MW-801	11-05-2007	N						<5				<5	<1											<1		<1																								
MW-801	04-21-2008	N						<5				<5	<1											<1		<1																								
MW-801	07-21-2008	N																																															
MW-801	11-18-2008	N						<5				<5	<1											<1		<1																								
MW-801	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																		
MW-801	07-14-2009	N																																															
MW-801	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-801	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																		
MW-801	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
MW-801	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																		
MW-801	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-801	07-13-2011	N																																															
MW-801	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																		
MW-801	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-801	07-18-2012	N																																															
MW-801	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-801	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-801	07-08-2013	N																																															
MW-801	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-801	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																		
MW-801	07-14-2014	N																																															
MW-801	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-801	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-801	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
MW-801	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-801	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																		
MW-801	07-11-2016	N																																															
MW-801	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-801	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-801	07-25-2017	N																																															
MW-801	11-09-2017	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-801	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-801	07-11-2018	N																																														
MW-801	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-801	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																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-801	07-09-2019	N	1304.7	7.06	219	13.8	<0.1	6.5	<0.5		<10	<0.5	<0.001	**0.014**	0.067	<0.001	<0.001	<0.001	*9*		<0.001	***5.1***		<0.001	<0.001
MW-801	11-06-2019	N	1304.98	7.11	102	11.4	<0.1	2.8	<0.5		19	<0.5		**0.012**					*5.6*			***3.7***			
MW-801	04-20-2020	N	1305.42	*6.35*	132	11.6	<0.1	2.4	<0.5		<10	<0.5		**0.013**					*5.1*			***3.5***			
MW-801	07-15-2020	N	1305.18	6.92	125	14.8	<0.1	4.3	<0.5		<10	<0.5							*8.1*			***5.3***			
MW-801	11-04-2020	N	1305.05	7.06	107	10.1	<0.1	2.8	<0.5		<10	<0.5		**0.012**					*6.5*			***3.2***			
MW-801	04-20-2021	N	1304.79	7.03	85	10.6	<0.1	3	<0.5		<10	<0.5		**0.011**					*5.9*			***3***			
MW-801	07-05-2021	N	1304.38	6.75	121	14.6	<0.1	3	<0.5		<10	<0.5	<0.001	**0.011**	0.054	<0.001	<0.001	<0.001	*7.1*		<0.001	***3.8***		<0.001	<0.001
MW-801	09-29-2021	N	1304.06																						
MW-801	11-01-2021	N	1303.86	6.72	98	12.3	<0.1	2.3	<0.5		<10	<0.5		**0.0095**					*6.1*			***4.1***			
MW-801	02-22-2022	N	1303.98																						
MW-801	04-18-2022	N	1303.99																						
MW-801	04-20-2022	N	1303.98	7.08	95	10.2	<0.1	2.4	<0.5		<10	<0.5		**0.011**					*5.9*			***2.8***			
MW-801	06-08-2022	N	1303.84																						
MW-801	07-13-2022	N	1303.63	6.77	127	16.4	<0.1	2.3	<0.5		<10	<0.5							*6.4*			***4.3***			
MW-801	11-01-2022	N	1303.41	7.05	109	13.4	<0.1	2.4	<0.5		<10	<0.5		**0.0094**					*6.2*			***4.1***			
MW-801	04-19-2023	N	1303.94	6.92	128	9.2	<0.1	3	<0.5		<10	<0.5		**0.0098**					*8*			***4.6***			
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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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																																																		
MW-801	07-09-2019	N																																																	
MW-801	11-06-2019	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-801	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-801	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-801	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-801	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																					
MW-801	07-05-2021	N																																																	
MW-801	09-29-2021	N																																																	
MW-801	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-801	02-22-2022	N																																																	
MW-801	04-18-2022	N																																																	
MW-801	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-801	06-08-2022	N																																																	
MW-801	07-13-2022	N																																																	
MW-801	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-801	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	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																										
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																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																		
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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
		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	04-07-2010	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																														<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	<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																																																
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																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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***			
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acetone (ug/L)	Benzene (ug/L)	Bromomethane (ug/L)	Butanone (2-) (MEK) (ug/L)	Chlorobenzene (Monochlorobenzene) (ug/L)	Chloroethane (ug/L)	Chloroform (Trichloromethane) (ug/L)	Chloromethane (ug/L)	Dichlorobenzene (1,4-) (ug/L)	Dichlorodifluoromethane (CFC12) (ug/L)	Dichloroethane (1,1-) (ug/L)	Dichloroethene (1,1-) (ug/L)	Dichloroethene (cis-1,2-) (ug/L)	Diethyl Ether (Ethyl Ether) (ug/L)	Dioxane (1,4-) (ug/L)	Ethylbenzene (ug/L)	Hexanone (2-) (ug/L)	Methyl-2-pentanone (4-) (MIBK) (ug/L)	Methylene Chloride (Dichloromethane) (ug/L)	Methyl-tert Butyl Ether (MTBE) (ug/L)	Tetrachloroethene (PCE) (ug/L)	Tetrahydrofuran (ug/L)	Toluene (ug/L)	Trichloroethane (1,1,1-) (ug/L)	Trichloroethene (TCE) (ug/L)	Trichlorofluoromethane (CFC11) (ug/L)	Vinyl chloride (ug/L)	Xylene (m,p-) (ug/L)	Xylene (o-) (ug/L)	Xylenes (total) (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	11-01-2021	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-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					
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																														
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	

Semi-Volatile Organic Compounds

Sample Location	Sample Date	Sample Type	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Anthracene (ug/L)	Benzo(a)anthracene (ug/L)	Benzo(a)pyrene (ug/L)	Benzo(b)fluoranthene (ug/L)	Benzo(g,h,i)perylene (ug/L)	Benzo(k)fluoranthene (ug/L)	Benzoic acid (ug/L)	bis(2-Ethylhexyl)phthalate (Di(ethylhexyl)phthalate) (ug/L)	Chrysene (ug/L)	Dibenz(a,h)anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indeno(1,2,3-cd)pyrene (ug/L)	Methylphenol (3,4-) (ug/L)	Naphthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (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	11-01-2021	N																			
MW-802	02-22-2022	N																			
MW-802	04-18-2022	N																			
MW-802	04-20-2022	N																			
MW-802	06-08-2022	N																			
MW-802	07-11-2022	N																			
MW-802	11-01-2022	N																			
MW-802	04-19-2023	N																			
MW-803	11-16-1998	N																			
MW-803	04-05-1999	N																			
MW-803	07-27-1999	N										**11**									
MW-803	11-17-1999	N																			
MW-803	04-10-2000	N																			
MW-803	07-17-2000	N																			
MW-803	11-13-2000	N																			
MW-803	04-02-2001	N																			
MW-803	07-09-2001	N																			
MW-803	11-05-2001	N																			
MW-803	04-15-2002	N																			
MW-803	07-15-2002	N																			
MW-803	11-18-2002	N																			
MW-803	04-07-2003	N																			
MW-803	07-14-2003	N																			
MW-803	11-03-2003	N																			
MW-803	04-05-2004	N																			
MW-803	07-06-2004	N																			
MW-803	11-08-2004	N																			
MW-803	04-11-2005	N																			
MW-803	07-11-2005	N																			
MW-803	11-01-2005	N																			
MW-803	04-10-2006	N																			
MW-803	07-10-2006	N																			
MW-803	11-06-2006	N																			
MW-803	04-09-2007	N																			
MW-803	07-23-2007	N																			
MW-803	11-05-2007	N																			
MW-803	04-21-2008	N																			
MW-803	07-21-2008	N																			
MW-803	11-18-2008	N																			
MW-803	04-06-2009	N																			
MW-803	07-13-2009	N																			
MW-803	11-09-2009	N																			
MW-803	04-07-2010	N																			
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																			
MW-803	04-18-2011	N																			
MW-803	04-18-2011	FD																			
MW-803	07-13-2011	N																			
MW-803	11-01-2011	N																			
MW-803	11-01-2011	FD																			
MW-803	04-10-2012	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	07-17-2012	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
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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																														
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																														
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																														

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	07-17-2012	N																			
MW-803	11-07-2012	N																			
MW-803	04-10-2013	N																			
MW-803	07-08-2013	N																			
MW-803	11-07-2013	N																			
MW-803	04-23-2014	N																			
MW-803	04-23-2014	FD																			
MW-803	07-15-2014	N																			
MW-803	11-05-2014	N																			
MW-803	11-05-2014	FD																			
MW-803	04-14-2015	N																			
MW-803	04-14-2015	FD																			
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																			
MW-803	11-10-2015	FD																			
MW-803	04-12-2016	N																			
MW-803	04-12-2016	FD																			
MW-803	07-11-2016	N																			
MW-803	11-07-2016	N																			
MW-803	11-07-2016	FD																			
MW-803	04-04-2017	N																			
MW-803	04-04-2017	FD																			
MW-803	07-25-2017	N																			
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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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***			
B-903U	11-13-2000	N	1314.2	7.4	163	6.3	<0.1	3.19	6.75		20	0.169							0.042			*0.147*			
B-903U	04-02-2001	N	1313.16	6.5	147	9	<0.1	<2.5			<15								0.222			0.039			
B-903U	07-09-2001	N	1313.09	6.8	173	13.3	<0.1	<2.5	0.213		<15	<0.04							*0.443*			*0.073*			
B-903U	11-05-2001	N	1312.26	6.6	120	5.2	<0.1	<2.5	0.358		<15	1.08							*0.476*			*0.074*			
B-903U	04-15-2002	N	1311.59	6.7	98	9.1	<0.1	<2.5	0.493		<15	1.91							0.235			0.03			
B-903U	07-15-2002	N	1312.31	6.86	959	21.2	<0.1	<2.5	0.369		<15	0.428	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.102		<0.002	0.011		<0.02	<0.01
B-903U	11-18-2002	N	1312.42	7.1	120	8	<0.1	<2.5	0.911		<15	2.33							0.031			0.006			
B-903U	04-07-2003	N	1311.78	6.5	91	5.3	<0.1	<2.5	0.445		<15	0.936							0.014			<0.005			
B-903U	07-14-2003	N	1311.96	7.2	116	15.2	<0.1	<2.5	0.585		<15	0.723	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.002	<0.005		<0.02	<0.01
B-903U	11-03-2003	N	1311.78	6.7	110	6.9	<0.1	<2.5	0.745		<15	0.308							<0.01			<0.005			
B-903U	04-05-2004	N	1313.32	*6.3*	157	4.9	<0.1	<2.5	0.963		<15	0.649							*0.369*			*0.06*			
B-903U	07-06-2004	N	1308.73	6.5	147	13.7	1.06	2.83	2.62		<15	0.706							0.012			<0.005			
B-903U	11-08-2004	N	1310.96	*6.4*	150	6.2	<0.1	<2.5	0.803		<15	0.899							<0.01			<0.005			
B-903U	04-11-2005	N	1312.95	6.6	122	3.9	<0.1	<2.5	0.8		<15	0.567							0.01			<0.005			
B-903U	07-11-2005	N	1313.62	7.4	150	12.9	<0.1	<2.5	1.13		<15	0.523	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.001	<0.005		<0.01	<0.01
B-903U	11-01-2005	N	1310.7	*6.1*	132	6.4	<0.1	<2.5	1		<15	0.159							0.019			<0.005			
B-903U	04-10-2006	N	1311.75	*6.3*	126	11.6	<0.1	<2.5	0.764		<15	0.266							0.023			0.008			
B-903U	07-10-2006	N	1314.75	*6.2*	120	10.7	<0.1	<2.5	0.9		<15	0.248							<0.01			<0.005			
B-903U	11-06-2006	N	1314.74	*6.4*	100	6.5	<0.1	<2.5	1.38		<15	0.491							<0.02			<0.02			
B-903U	04-09-2007	N	1314.33	*6.4*	130	3	<0.1	<2.5	1.09		<15	0.245							<0.02			<0.02			
B-903U	07-23-2007	N	1314.72	*6.03*	110	12.8	<0.1	<2.5	1.06		<15	0.189	<0.002	<0.002	<0.02	<0.002	<0.002	<0.02	*0.554*		<0.001	*0.059*		<0.02	<0.02
B-903U	11-05-2007	N	1313.74	6.5	120	6.8	<0.1	<2.5	1		<10	0.59		<0.002					0.023			<0.02			
B-903U	04-21-2008	N	1313.09	6.52	120	10	<0.1	<2.5	0.9		20	0.36							<0.02			<0.02			
B-903U	07-21-2008	N	1313.59	*6.2*	120	12.5	<0.1	<2.5	0.69		<10	0.29							<0.02			<0.02			
B-903U	11-18-2008	N	1314.44	6.7	100	4.6	<0.1	<2.5	0.57		<10	<0.1							0.16			0.025			
B-903U	04-07-2009	N	1314.41	*6.12*	110	5.3	<0.1	2	0.7		<10	<0.5							<0.05			<0.005			
B-903U	07-14-2009	N	1314.71	6.52	100	12.4	<0.1	2	0.6		<10	<0.5	<0.001	0.0006	0.014	<0.001	<0.001	0.002	0.16		<0.001	0.034		0.001	<0.001
B-903U	11-10-2009	N	1314.41	*6.3*	80	8.8	<0.1	2	0.7		<10	<0.5							*0.55*			*0.1*			
B-903U	04-08-2010	N	1314.18	*5.37*	120	11.9	<0.1	2	0.9		<10	<0.5							0.13			0.031			
B-903U	07-14-2010	N	1314.81	*5.6*	140	16.1	<0.1	2	0.6		<10	<0.5							0.25			0.043			
B-903U	11-02-2010	N	1314.57	*5.89*	150	5.1	<0.1	2	0.8		<10	<0.5							<0.05			0.007			
B-903U	04-19-2011	N	1314.62	*6.11*	150	12.5	<0.1	3	0.8		<10	<0.5							<0.05			<0.005			
B-903U	07-13-2011	N	1315.57	*5.6*	10	15.6	<0.1	3	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-903U	11-02-2011	N	1314.56	*6.2*	110	9.7	<0.1	2	0.5		<10	<0.5							0.11			0.025			
B-903U	04-11-2012	N	1313.12	*6.4*	170	6.6	<0.1	3	0.7		<10	<0.5							*0.72*			*0.15*			
B-903U	07-17-2012	N	1313.16	6.56	250	13.9	0.2	3	0.6		<10	<0.5							<0.05			0.014			
B-903U	11-07-2012	N	1312.91	*6.49*	124	4.6	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-903U	12-05-2012	N	1312.78	6.7	80	8.1	<0.1	3	<0.5		<10	<0.5							0.15			0.015			
B-903U	04-10-2013	N	1312.65	6.6	130	6	<0.1	2	<0.5		<10	<0.5							0.2			0.027			
B-903U	07-09-2013	N	1312.9	6.72	120	14.8	<0.1	2	<0.5		<10	<0.5	<0.001	<0.0005	0.011	<0.001	<0.001	<0.001	0.09		<0.001	0.025		0.01	<0.001
B-903U	11-06-2013	N	1313.56	*6.44*	470	9.8	<0.1	2	<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-007

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																																																				
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																						
B-903U	11-13-2000	N																																																		
B-903U	04-02-2001	N																																																		
B-903U	07-09-2001	N																																																		
B-903U	11-05-2001	N																																																		
B-903U	04-15-2002	N																																																		
B-903U	07-15-2002	N																																																		
B-903U	11-18-2002	N																																																		
B-903U	04-07-2003	N																																																		
B-903U	07-14-2003	N																																																		
B-903U	11-03-2003	N																																																		
B-903U	04-05-2004	N																																																		
B-903U	07-06-2004	N																																																		
B-903U	11-08-2004	N																																																		
B-903U	04-11-2005	N																																																		
B-903U	07-11-2005	N																																																		
B-903U	11-01-2005	N																																																		
B-903U	04-10-2006	N																																																		
B-903U	07-10-2006	N																																																		
B-903U	11-06-2006	N																																																		
B-903U	04-09-2007	N																																																		
B-903U	07-23-2007	N																																																		
B-903U	11-05-2007	N																																																		
B-903U	04-21-2008	N																																																		
B-903U	07-21-2008	N																																																		
B-903U	11-18-2008	N																																																		
B-903U	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-903U	07-14-2009	N																																																		
B-903U	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-903U	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-903U	07-14-2010	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-903U	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-903U	04-19-2011	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-903U	07-13-2011	N																																																		
B-903U	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-903U	04-11-2012	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-903U	07-17-2012	N																																																		
B-903U	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-903U	12-05-2012	N																																																		
B-903U	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-903U	07-09-2013	N																																																		
B-903U	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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-903U	04-22-2014	N	1313.11	*6.36*	220	11.7	<0.1	2	0.8		<10	<0.5							<0.05			0.011			
B-903U	07-15-2014	N	1313.42	*6.45*	119	10.9	<0.1	2	<0.5		<10	<0.5							0.3			0.049			
B-903U	11-04-2014	N	1313.02	*6.41*	360	6.3	<0.1	2	0.5		<10	<0.5							0.06			0.006			
B-903U	04-15-2015	N	1312.24	7.08	130	10.3	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-903U	07-22-2015	N	1312.42	7.18	260	11.5	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.007	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-903U	11-10-2015	N	1312.32	*6.43*	261	6.6	<0.1	1	0.6		<10	<0.5							<0.05			<0.005			
B-903U	04-11-2016	N	1312.17	7	87	6.4	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-903U	07-11-2016	N	1312.43	6.78	101	11	<0.1	<1	0.7		<10	<0.5							<0.05			<0.005			
B-903U	11-07-2016	N	1311.92	6.75	98	8.2	<0.1	1	0.8		<10	<0.5							<0.05			<0.005			
B-903U	04-03-2017	N	1311.39	6.98	87	8.9	<0.1	1	0.6		<10	<0.5							<0.05			<0.005			
B-903U	07-26-2017	N	1312.03	*6.15*	96	12.3	<0.1	<1	0.6		<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-903U	11-09-2017	N	1312.18	7.45	131	7.7	<0.1	1	0.5		<10	<0.5							<0.05			<0.005			
B-903U	04-24-2018	N	1312.13	*6.47*	105	10.5	<0.1	1.6	0.66		<10	<0.5							<0.05			<0.005			
B-903U	07-11-2018	N	1312.61	*5.9*	122	14.6	<0.1	2.1	0.84		<10	<0.5							<0.05			<0.005			
B-903U	11-05-2018	N	1312.19	6.74	101	7	<0.1	1.8	0.78		<10	<0.5							<0.05			<0.005			
B-903U	04-22-2019	N	1311.66	*6.2*	239	8.8	<0.1	1.8	0.96		<10	<0.5							<0.05			<0.005			
B-903U	07-08-2019	N	1312.53	6.59	137	11.1	<0.1	2.2	0.5		<10	<0.5	<0.001	<0.0005	0.0073	<0.001	<0.001	0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-903U	11-06-2019	N	1312.36	*6.31*	125	6.9	<0.1	1.8	0.89		<10	<0.5							<0.05			<0.005			
B-903U	04-20-2020	N	1312.5	7.06	115	7.8	<0.1	2.2	1.3		<10	<0.5							0.063			0.009			
B-903U	07-16-2020	N	1312.9	6.86	108	10.7	<0.1	1.7	0.87		<10	<0.5							<0.05			<0.005			
B-903U	11-04-2020	N	1312.37	6.94	116	7.2	<0.1	1.8	1.3		<10	<0.5							<0.05			<0.005			
B-903U	04-20-2021	N	1312.12	6.56	92	7.8	<0.1	2.1	0.77		<10	<0.5							<0.05			<0.005			
B-903U	07-07-2021	N	1312.13	6.63	104	11.6	<0.1	1.6	1.3		<10	<0.5	<0.001	<0.0005	0.0081	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-903U	11-02-2021	N	1311.56	*6.02*	93	7.5	<0.1	1.5	1.1		<10	<0.5							0.052			0.0054			
B-903U	04-20-2022	N	1311.12	6.77	114	6.7	<0.1	2.1	1.1		<10	<0.5							<0.05			<0.005			
B-903U	07-12-2022	N	1311.58	7.16	92	9.8	<0.1	1.8	0.85		<10	<0.5							<0.05			0.0064			
B-903U	11-01-2022	N	1311.09																						
B-903U	12-01-2022	N	1310.99	*5.99*	92	6.72	<0.1	1.8	1.1	4.4	<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-903U	03-20-2023	N	1311.61	7.07	91	7.2	<0.1	1.9	0.89	4.6	<10	<0.5	<0.001	<0.0005	0.0066	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-903U	04-19-2023	N	1311.65																						
B-903L	04-02-2001	N	1312.97																						
B-903L	07-09-2001	N	1313																						
B-903L	11-05-2001	N	1312.1																						
B-903L	04-15-2002	N	1311.48																						
B-903L	07-15-2002	N	1312.17	8.1	106	14.2	<0.1	<2.5	<0.02		<15	<0.04	<0.002	0.004	<0.02	<0.002	<0.003	<0.01	0.063		<0.002	0.038		<0.02	<0.01
B-903L	11-18-2002	N	1312.24																						
B-903L	04-07-2003	N	1311.62																						
B-903L	07-14-2003	N	1311.86	7.1	95	10.2	<0.1	<2.5	<0.2		<15	0.249							<0.01			0.042			
B-903L	11-03-2003	N	1311.85																						
B-903L	04-05-2004	N	1313.21																						
B-903L	07-06-2004	N	1308.66																						
B-903L	11-08-2004	N	1311.5																						
B-903L	04-11-2005	N	1312.94																						
B-903L	07-11-2005	N	1313.56	6.7	247	16.7	0.218	<2.5	<0.02		28	0.159							0.017			<0.005			
B-903L	11-01-2005	N	1311.18																						
B-903L	04-10-2006	N	1312.18																						
B-903L	07-10-2006	N	1314.71																						
B-903L	11-06-2006	N	1314.66																						
B-903L	04-09-2007	N	1314.26																						
B-903L	07-23-2007	N	1315.01	6.7	123	13.3	<0.1	<2.5	0.021		<15	0.155							<0.02			0.044			
B-903L	11-05-2007	N	1313.7																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-903U	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-903U	07-15-2014	N																																																				
B-903U	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-903U	04-15-2015	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-903U	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-903U	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-903U	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-903U	07-11-2016	N																																																				
B-903U	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-903U	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																							
B-903U	07-26-2017	N																																																				
B-903U	11-09-2017	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-903U	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-903U	07-11-2018	N																																																			
B-903U	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-903U	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-903U	07-08-2019	N																																																			
B-903U	11-06-2019	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-903U	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-903U	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-903U	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-903U	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-903U	07-07-2021	N																																																		
B-903U	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-903U	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-903U	07-12-2022	N																																																		
B-903U	11-01-2022	N																																																		
B-903U	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-903U	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-903U	04-19-2023	N																																																			
B-903L	04-02-2001	N																																																			
B-903L	07-09-2001	N																																																			
B-903L	11-05-2001	N																																																			
B-903L	04-15-2002	N																																																			
B-903L	07-15-2002	N																																																			
B-903L	11-18-2002	N																																																			
B-903L	04-07-2003	N																																																			
B-903L	07-14-2003	N																																																			
B-903L	11-03-2003	N																																																			
B-903L	04-05-2004	N																																																			
B-903L	07-06-2004	N																																																			
B-903L	11-08-2004	N																																																			
B-903L	04-11-2005	N																																																			
B-903L	07-11-2005	N																																																			
B-903L	11-01-2005	N																																																			
B-903L	04-10-2006	N																																																			
B-903L	07-10-2006	N																																																			
B-903L	11-06-2006	N																																																			
B-903L	04-09-2007	N																																																			
B-903L	07-23-2007	N																																																			
B-903L	11-05-2007	N																																																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-903L	04-21-2008	N	1313.06																						
B-903L	07-21-2008	N	1313.49	6.9	110	13.2	<0.1	<2.5	<0.02		<10	<0.1							0.032			0.044			
B-903L	11-18-2008	N	1314.41																						
B-903L	04-07-2009	N	1314.36																						
B-903L	07-14-2009	N	1314.66																						
B-903L	11-10-2009	N	1314.36																						
B-903L	04-08-2010	N	1314.06																						
B-903L	07-14-2010	N	1314.11	6.8	90	11	<0.1	2	<0.5		<10	<0.5							<0.05			0.04			
B-903L	04-19-2011	N	1314.41																						
B-903L	07-13-2011	N	1315.41																						
B-903L	11-02-2011	N	1314.42																						
B-903L	04-11-2012	N	1312.87																						
B-903L	07-18-2012	N	1312.93	7.36	190	15.9	0.9	2	<0.5		20	0.7							<0.05			0.031			
B-903L	11-07-2012	N	1312.73																						
B-903L	12-05-2012	N	1312.61	7.4	160	8.7	<0.1	2	<0.5		<10	<0.5							<0.05			0.037			
B-903L	04-10-2013	N	1312.42																						
B-903L	07-09-2013	N	1312.68																						
B-903L	11-06-2013	N	1313.37																						
B-903L	04-22-2014	N	1312.87																						
B-903L	07-15-2014	N	1313.07	8.29	107	10.1	<0.1	<1	<0.5		14	0.6							0.1			0.028			
B-903L	11-04-2014	N	1312.73																						
B-903L	04-15-2015	N	1311.92																						
B-903L	07-21-2015	N	1312.11																						
B-903L	11-10-2015	N	1312.02																						
B-903L	04-11-2016	N	1311.88																						
B-903L	07-11-2016	N	1312.12	8.11	100	10.9	<0.1	<1	<0.5		<10	<0.5							<0.05			0.037			
B-903L	11-07-2016	N	1311.62																						
B-903L	04-03-2017	N	1311.08																						
B-903L	07-26-2017	N	1311.73																						
B-903L	11-09-2017	N	1311.89																						
B-903L	04-24-2018	N	1311.86																						
B-903L	07-11-2018	N	1312.4	7.74	106	13.1	<0.1	<1	<0.5		<10	<0.5							*0.46*			*0.052*			
B-903L	11-05-2018	N	1311.92																						
B-903L	04-22-2019	N	1311.36																						
B-903L	07-08-2019	N	1312.23																						
B-903L	11-06-2019	N	1312.08																						
B-903L	04-20-2020	N	1312.24																						
B-903L	07-16-2020	N	1312.58	7.85	97	10	<0.1	<1	<0.5		<10	<0.5							<0.05			0.046			
B-903L	11-04-2020	N	1312.08																						
B-903L	04-20-2021	N	1311.83																						
B-903L	07-07-2021	N	1311.83																						
B-903L	11-02-2021	N	1311.25																						
B-903L	04-20-2022	N	1310.75																						
B-903L	07-12-2022	N	1311.29	7.32	101	10.11	<0.1	<1	<0.5		<10	<0.5							*0.75*			*0.062*			
B-903L	11-02-2022	N	1310.71																						
B-903L	12-01-2022	N	1310.68	7.48	88	6.35	<0.1	<1	<0.5	4	<10	<0.5	<0.001	**0.0077**	0.01	<0.001	<0.001	<0.001	<0.05		<0.001	0.041		<0.001	<0.001
B-903L	03-20-2023	N	1311.28	7.96	109	7.6	<0.1	<1	<0.5	4.1	<10	<0.5	<0.001	**0.0083**	0.0067	<0.001	<0.001	<0.001	<0.05		<0.001	0.037		<0.001	<0.001
B-903L	04-19-2023	N	1311.34																						
B-904U	11-13-2000	N	1312.67	7.8	107	6.5	<0.1	1.16	0.137		<15	0.077							0.013			***0.491***			
B-904U	04-02-2001	N	1311.56	*6.3*	164	10.8	<0.1	<2.5	0.024		<15	0.144							0.011			*0.073*			
B-904U	07-09-2001	N	1311.54	7.4	102	14.6	<0.1	<2.5	0.093		<15	0.133							0.137			*0.083*			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-903L	04-21-2008	N																														
B-903L	07-21-2008	N																														
B-903L	11-18-2008	N																														
B-903L	04-07-2009	N																														
B-903L	07-14-2009	N																														
B-903L	11-10-2009	N																														
B-903L	04-08-2010	N																														
B-903L	07-14-2010	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-903L	04-19-2011	N																														
B-903L	07-13-2011	N																														
B-903L	11-02-2011	N																														
B-903L	04-11-2012	N																														
B-903L	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-903L	11-07-2012	N																														
B-903L	12-05-2012	N																														
B-903L	04-10-2013	N																														
B-903L	07-09-2013	N																														
B-903L	11-06-2013	N																														
B-903L	04-22-2014	N																														
B-903L	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	
B-903L	11-04-2014	N																														
B-903L	04-15-2015	N																														
B-903L	07-21-2015	N																														
B-903L	11-10-2015	N																														
B-903L	04-11-2016	N																														
B-903L	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-903L	11-07-2016	N																														
B-903L	04-03-2017	N																														
B-903L	07-26-2017	N																														
B-903L	11-09-2017	N																														
B-903L	04-24-2018	N																														
B-903L	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-903L	11-05-2018	N																														
B-903L	04-22-2019	N																														
B-903L	07-08-2019	N																														
B-903L	11-06-2019	N																														
B-903L	04-20-2020	N																														
B-903L	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-903L	11-04-2020	N																														
B-903L	04-20-2021	N																														
B-903L	07-07-2021	N																														
B-903L	11-02-2021	N																														
B-903L	04-20-2022	N																														
B-903L	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-903L	11-02-2022	N																														
B-903L	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-903L	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-903L	04-19-2023	N																														
B-904U	11-13-2000	N																														
B-904U	04-02-2001	N																														
B-904U	07-09-2001	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-903L	04-21-2008	N																			
B-903L	07-21-2008	N																			
B-903L	11-18-2008	N																			
B-903L	04-07-2009	N																			
B-903L	07-14-2009	N																			
B-903L	11-10-2009	N																			
B-903L	04-08-2010	N																			
B-903L	07-14-2010	N																			
B-903L	04-19-2011	N																			
B-903L	07-13-2011	N																			
B-903L	11-02-2011	N																			
B-903L	04-11-2012	N																			
B-903L	07-18-2012	N																			
B-903L	11-07-2012	N																			
B-903L	12-05-2012	N																			
B-903L	04-10-2013	N																			
B-903L	07-09-2013	N																			
B-903L	11-06-2013	N																			
B-903L	04-22-2014	N																			
B-903L	07-15-2014	N																			
B-903L	11-04-2014	N																			
B-903L	04-15-2015	N																			
B-903L	07-21-2015	N																			
B-903L	11-10-2015	N																			
B-903L	04-11-2016	N																			
B-903L	07-11-2016	N																			
B-903L	11-07-2016	N																			
B-903L	04-03-2017	N																			
B-903L	07-26-2017	N																			
B-903L	11-09-2017	N																			
B-903L	04-24-2018	N																			
B-903L	07-11-2018	N																			
B-903L	11-05-2018	N																			
B-903L	04-22-2019	N																			
B-903L	07-08-2019	N																			
B-903L	11-06-2019	N																			
B-903L	04-20-2020	N																			
B-903L	07-16-2020	N																			
B-903L	11-04-2020	N																			
B-903L	04-20-2021	N																			
B-903L	07-07-2021	N																			
B-903L	11-02-2021	N																			
B-903L	04-20-2022	N																			
B-903L	07-12-2022	N																			
B-903L	11-02-2022	N																			
B-903L	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-903L	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-903L	04-19-2023	N																			
B-904U	11-13-2000	N																			
B-904U	04-02-2001	N																			
B-904U	07-09-2001	N										**12.6**									

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-904U	11-05-2001	N	1310.61	6.5	110	6.1	<0.1	<2.5	0.128		<15	0.511							0.098			*0.051*			
B-904U	04-15-2002	N	1309.94	6.5	120	12.9	<0.1	<2.05	0.05		<15	0.839							<0.01			<0.005			
B-904U	07-15-2002	N	1310.44	6.79	1541	16	<0.1	<2.5	<0.02		<15	0.149	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.141		<0.002	*0.095*		<0.02	<0.01
B-904U	11-18-2002	N	1310.6	6.8	70	7	<0.1	<2.5	0.119		<15	0.248							<0.01			<0.005			
B-904U	04-07-2003	N	1310.04	*6.4*	81	6.1	<0.1	<2.5	0.099		<15	0.19							0.133			*0.06*			
B-904U	07-14-2003	N	1310.15	6.5	95	13.1	0.409	<2.5	0.149		<15	0.695	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.017		<0.002	0.028		<0.02	<0.01
B-904U	11-03-2003	N	1310.17	6.5	70	6.2	<0.1	<2.5	0.097		<15	0.24							<0.01			<0.005			
B-904U	04-05-2004	N	1311.56	6.5	120	6.9	<0.1	3	0.378		<15	0.291							0.187			*0.132*			
B-904U	07-06-2004	N	1312.08	*6.3*	119	15.8	<0.1	<2.5	0.431		<15	0.475							0.018			<0.005			
B-904U	11-08-2004	N	1311.95	*6.1*	90	5.4	<0.1	<2.5	0.336		<15	0.566							<0.01			<0.005			
B-904U	04-11-2005	N	1311.09	*5.9*	50	4.1	<0.1	<2.5	0.41		<15	0.179							0.022			0.018			
B-904U	07-11-2005	N	1311.93	7.7	59	13	<0.1	<2.5	0.409		<15	1.35	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	0.016		<0.001	<0.005		<0.02	<0.01
B-904U	11-01-2005	N	1311.75	*6*	77	8.8	<0.1	<2.5	0.232		<15	<0.04							0.012			0.005			
B-904U	04-10-2006	N	1312.84	*6.4*	115	10.6	<0.1	<2.5	0.18		<15	0.452							0.013			<0.005			
B-904U	07-10-2006	N	1313.19				<0.1	<2.5	0.3		<15	0.698							<0.01			<0.005			
B-904U	11-06-2006	N	1313.2	*6.3*	130	7.9	<0.1	<2.5	0.237		<15	1.09							<0.02			<0.02			
B-904U	04-09-2007	N	1312.88	*6.1*	60	4	0.161	<2.5	0.234		<15	0.812							0.021			0.028			
B-904U	07-23-2007	N	1313.19	*6.1*	111	14.4	0.112	<2.5	0.221		<15	0.297	<0.002	<0.002	<0.02	<0.002	<0.002	<0.02	<0.02		<0.001	0.041		0.026	<0.02
B-904U	11-05-2007	N	1312.31	*6*	90	7.8	<0.1	<2.5	0.25		<10	0.24		<0.002					0.021			0.03			
B-904U	04-21-2008	N	1311.61	6.62	90	10.1	<0.1	<2.5	0.19		10	<0.1							<0.02			<0.02			
B-904U	07-21-2008	N	1311.99	*6.3*	77	16.4	<0.1	<2.5	0.17		<10	0.21							0.024			<0.02			
B-904U	11-18-2008	N	1312.87	*6*	70	6.9	<0.1	<2.5	0.36		<10	0.22							<0.02			<0.02			
B-904U	04-07-2009	N	1312.91	7.2	100	6.9	0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-14-2009	N	1313.14	*6.23*	90	11.8	<0.1	2	<0.5		<10	<0.5	<0.001	<0.0005	0.011	<0.001	<0.001	<0.001	<0.05		<0.001	0.027		0.002	<0.001
B-904U	11-10-2009	N	1312.91	*5.8*	100	11.1	0.1	2	<0.5		<10	<0.5							<0.05			0.022			
B-904U	04-08-2010	N	1312.66	*5.38*	140	13.9	<0.1	2	<0.5		<10	<0.5							<0.05			*0.051*			
B-904U	07-14-2010	N	1313.18	*5.81*	60	14.5	0.1	3	<0.5		<10	<0.5							<0.05			0.031			
B-904U	11-02-2010	N	1313.1	*5.6*	100	8.5	<0.1	2	<0.5		<10	<0.5							<0.05			*0.15*			
B-904U	04-19-2011	N	1313.17	*6.21*	120	9.3	0.1	2	<0.5		<10	<0.5							<0.05			*0.17*			
B-904U	07-13-2011	N	1313.99	*6*	130	16	0.3	4	<0.5		<10	<0.5	<0.001	0.0007	0.011	<0.001	<0.001	<0.001	<0.05		<0.001	*0.16*		0.005	<0.001
B-904U	10-04-2011	N	1313.31	*6*	120	11.5	0.2																		
B-904U	11-02-2011	N	1313.1	*6.27*	100	8.6	0.1	4	<0.5		<10	0.6							<0.05			***0.36***			
B-904U	12-08-2011	N	1312.69	7.21	180	5.7	0.2																		
B-904U	01-10-2012	N	1312.59	6.7	100	8.4	0.2																		
B-904U	02-07-2012	N	1312.27	7.2	90	8.6	0.2																		
B-904U	03-06-2012	N	1311.98	*6.46*	280	7.1	0.2																		
B-904U	04-11-2012	N	1311.65	*6.4*	270	8.1	<0.1	2	<0.5		<10	<0.5							<0.05			0.02			
B-904U	07-17-2012	N	1311.61	7.75	60	15.4	<0.1	2	<0.5		<10	<0.5							0.07			*0.087*			
B-904U	11-07-2012	N	1311.31	*6.38*	107	4.9	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	12-05-2012	N	1311.16	6.8	80	8.1	<0.1	1	<0.5		<10	<0.5							<0.05			0.008			
B-904U	04-10-2013	N	1310.92	*6.46*	670	8.2	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-09-2013	N	1311.26	6.63	120	14.5	<0.1	2	<0.5		<10	<0.5	<0.001	<0.0005	0.009	<0.001	<0.001	<0.001	<0.05		<0.001	0.011		0.002	<0.001
B-904U	11-06-2013	N	1311.99	6.5	260	12.1	<0.1	2	0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-22-2014	N	1311.72	*6.37*	130	14.3	<0.1	2	<0.5		<10	<0.5							<0.05			0.014			
B-904U	07-15-2014	N	1311.82	6.52	101	16.2	<0.1	2	<0.5		14	0.8							<0.05			0.012			
B-904U	11-04-2014	N	1311.44	*6.44*	420	9.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-15-2015	N	1310.69	7.53	100	11.7	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-22-2015	N	1310.77	6.91	60	13.1	<0.1	1	<0.5		<10	<0.5	<0.001	<0.0005	0.004	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001
B-904U	11-10-2015	N	1310.71	6.67	130	7.4	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-11-2016	N	1310.51	7.04	99	8.3	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-11-2016	N	1310.73	7.3	89	17.4	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	11-07-2016	N	1310.28	6.75	79	11.4	<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-007

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-904U	11-05-2001	N																																																			
B-904U	04-15-2002	N																																																		
B-904U	07-15-2002	N																																																		
B-904U	11-18-2002	N																																																		
B-904U	04-07-2003	N																																																		
B-904U	07-14-2003	N																																																		
B-904U	11-03-2003	N																																																		
B-904U	04-05-2004	N																																																		
B-904U	07-06-2004	N																																																		
B-904U	11-08-2004	N																																																		
B-904U	04-11-2005	N																																																		
B-904U	07-11-2005	N																																																		
B-904U	11-01-2005	N																																																		
B-904U	04-10-2006	N																																																		
B-904U	07-10-2006	N																																																		
B-904U	11-06-2006	N																																																		
B-904U	04-09-2007	N																																																		
B-904U	07-23-2007	N																																																		
B-904U	11-05-2007	N																																																		
B-904U	04-21-2008	N																																																		
B-904U	07-21-2008	N																																																		
B-904U	11-18-2008	N																																																		
B-904U	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-904U	07-14-2009	N																																																		
B-904U	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-904U	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-904U	07-14-2010	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-904U	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-904U	04-19-2011	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-904U	07-13-2011	N																																																		
B-904U	10-04-2011	N																																																		
B-904U	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-904U	12-08-2011	N																																																	
B-904U	01-10-2012	N																																																	
B-904U	02-07-2012	N																																																	
B-904U	03-06-2012	N																																																	
B-904U	04-11-2012	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-904U	07-17-2012	N																																																	
B-904U	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-904U	12-05-2012	N																																																	
B-904U	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-904U	07-09-2013	N																																																	
B-904U	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-904U	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-904U	07-15-2014	N																																																	
B-904U	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-904U	04-15-2015	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-904U	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-904U	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-904U	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-904U	07-11-2016	N																																																	
B-904U	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																							

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-904U	04-03-2017	N	1309.79	7.14	80	10.4	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-26-2017	N	1310.33	6.62	96	14.2	<0.1	1	<0.5		<10	<0.5	<0.001	<0.0005	0.004	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-904U	11-09-2017	N	1310.54	7.04	108	10.2	<0.1	1	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-24-2018	N	1310.48	6.62	136	10.8	<0.1	3	0.76		<10	<0.5							<0.05			<0.005			
B-904U	07-11-2018	N	1310.9	6.78	97	17.1	<0.1	2	1.4		<10	<0.5							<0.05			0.015			
B-904U	11-05-2018	N	1310.54	6.84	77	9.4	<0.1	1.7	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-22-2019	N	1310.11	6.57	90	15.2	<0.1	2.3	0.54		<10	<0.5							<0.05			<0.005			
B-904U	07-08-2019	N	1311.76	*6.39*	100	12.7	<0.1	2.1	<0.5		<10	<0.5	<0.001	<0.0005	0.0054	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-904U	11-06-2019	N	1310.68	6.93	80	10.4	<0.1	1.5	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-20-2020	N	1310.9	*6.34*	127	11.1	<0.1	3.4	2.7		15	<0.5							0.28			*0.22*			
B-904U	07-16-2020	N	1311.2	7.51	94	13.6	<0.1	3	1.8		25	<0.5							<0.05			<0.005			
B-904U	11-04-2020	N	1310.79	6.91	75	10.6	<0.1	2.4	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-20-2021	N	1310.51	7.04	66	9.8	<0.1	2	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-06-2021	N	1310.48	6.81	79	14.6	<0.1	1.8	<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-904U	11-02-2021	N	1309.89	6.67	65	10.1	<0.1	1.8	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	04-20-2022	N	1309.5	7.07	74	7.9	<0.1	1.8	<0.5		<10	<0.5							<0.05			<0.005			
B-904U	07-12-2022	N	1309.83	6.64	78	12.5	<0.1	1.4	<0.5		<10	<0.5							<0.05			0.018			
B-904U	11-01-2022	N	1309.38																						
B-904U	12-01-2022	N	1309.29	6.57	70	6.62	<0.1	1.3	<0.5	4.2	<10	<0.5	<0.001	<0.0005	0.0084	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-904U	03-20-2023	N	1309.87	7.66	105	8.8	<0.1	2	0.52	4.9	<10	<0.5	<0.001	0.00055	0.004	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-904U	04-19-2023	N	1309.93																						
B-904L	04-02-2001	N	1311.22																						
B-904L	07-09-2001	N	1311.56																						
B-904L	11-05-2001	N	1310.27																						
B-904L	04-15-2002	N	1309.64																						
B-904L	07-15-2002	N	1310.21	7.1	136	14.6	<0.1	<2.5	<0.2		19	0.426							0.025			*0.111*			
B-904L	11-18-2002	N	1310.35																						
B-904L	04-07-2003	N	1309.82																						
B-904L	07-14-2003	N	1310.15	7.6	97	20.5	<0.1	<2.5	<0.2		<15	0.083							<0.01			*0.092*			
B-904L	11-03-2003	N	1310																						
B-904L	04-05-2004	N	1311.6																						
B-904L	07-06-2004	N	1312.13																						
B-904L	11-08-2004	N	1311.7																						
B-904L	04-11-2005	N	1310.88	6.5	76	4.5																			
B-904L	07-11-2005	N	1310.79	7.6	10	15.9	<0.1	<2.5	0.245		<15	0.534	<0.002	<0.002	<0.02	<0.002	<0.003	<0.01	<0.01		<0.001	0.039		<0.02	<0.01
B-904L	11-01-2005	N	1311.56																						
B-904L	04-10-2006	N	1312.63																						
B-904L	07-10-2006	N	1312.89																						
B-904L	11-06-2006	N	1312.99																						
B-904L	04-09-2007	N	1312.67																						
B-904L	07-23-2007	N	1312.97	7.1	110	14.3	<0.1	<2.5	0.117		<15	0.47							<0.02			*0.072*			
B-904L	11-05-2007	N	1311.99																						
B-904L	04-21-2008	N	1311.46																						
B-904L	07-21-2008	N	1311.84	7.7	128	16.8	<0.1	<2.8	<0.02		<10	0.94							0.089			*0.075*			
B-904L	11-18-2008	N	1312.75																						
B-904L	04-07-2009	N	1312.79																						
B-904L	07-14-2009	N	1305.52																						
B-904L	11-10-2009	N	1312.7																						
B-904L	04-08-2010	N	1312.5																						
B-904L	07-13-2010	N	1313.02	8.05	90	16.5	<0.1	8	<0.5		<10	<0.5							<0.05			*0.065*			
B-904L	11-03-2010	N	1312.99																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-904U	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																						
B-904U	07-26-2017	N																																																		
B-904U	11-09-2017	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-904U	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-904U	07-11-2018	N																																																	
B-904U	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-904U	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-904U	07-08-2019	N																																																	
B-904U	11-06-2019	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-904U	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-904U	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-904U	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-904U	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-904U	07-06-2021	N																																																	
B-904U	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-904U	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-904U	07-12-2022	N																																																	
B-904U	11-01-2022	N																																																	
B-904U	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-904U	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-904U	04-19-2023	N																																																	
B-904L	04-02-2001	N																																																	
B-904L	07-09-2001	N																																																	
B-904L	11-05-2001	N																																																	
B-904L	04-15-2002	N																																																	
B-904L	07-15-2002	N																																																	
B-904L	11-18-2002	N																																																	
B-904L	04-07-2003	N																																																	
B-904L	07-14-2003	N																																																	
B-904L	11-03-2003	N																																																	
B-904L	04-05-2004	N																																																	
B-904L	07-06-2004	N																																																	
B-904L	11-08-2004	N																																																	
B-904L	04-11-2005	N																																																	
B-904L	07-11-2005	N																																																	
B-904L	11-01-2005	N																																																	
B-904L	04-10-2006	N																																																	
B-904L	07-10-2006	N																																																	
B-904L	11-06-2006	N																																																	
B-904L	04-09-2007	N																																																	
B-904L	07-23-2007	N																																																	
B-904L	11-05-2007	N																																																	
B-904L	04-21-2008	N																																																	
B-904L	07-21-2008	N																																																	
B-904L	11-18-2008	N																																																	
B-904L	04-07-2009	N																																																	
B-904L	07-14-2009	N																																																	
B-904L	11-10-2009	N																																																	
B-904L	04-08-2010	N																																																	
B-904L	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																						
B-904L	11-03-2010	N																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-904L	04-19-2011	N	1313.03																						
B-904L	07-13-2011	N	1313.89																						
B-904L	11-02-2011	N	1312.83																						
B-904L	04-11-2012	N	1311.43																						
B-904L	07-17-2012	N	1311.43	8.41	310	16.3	0.2	3	<0.5		<10	<0.5							0.16			***0.31***			
B-904L	11-07-2012	N	1311.13																						
B-904L	12-05-2012	N	1311.02	7.9	90	8	<0.1	3	<0.5		<10	<0.5							<0.05			0.007			
B-904L	04-10-2013	N	1310.74																						
B-904L	07-09-2013	N	1311.16																						
B-904L	11-06-2013	N	1311.88																						
B-904L	04-22-2014	N	1311.6																						
B-904L	07-15-2014	N	1311.64	8.46	106	10.8	<0.1	2	<0.5		<10	0.7							<0.05			*0.1*			
B-904L	11-04-2014	N	1311.34																						
B-904L	04-15-2015	N	1310.51																						
B-904L	07-21-2015	N	1310.65																						
B-904L	11-10-2015	N	1310.54																						
B-904L	04-11-2016	N	1310.41																						
B-904L	07-11-2016	N	1310.6	*8.53*	146	13.7	<0.1	1	<0.5		<10	<0.5							0.06			*0.11*			
B-904L	11-07-2016	N	1310.08																						
B-904L	04-03-2017	N	1309.6																						
B-904L	07-26-2017	N	1310.19																						
B-904L	11-09-2017	N	1310.34																						
B-904L	04-24-2018	N	1310.39																						
B-904L	07-11-2018	N	1310.77	7.77	117	14.1	<0.1	1.8	<0.5		<10	<0.5							<0.05			0.047			
B-904L	11-05-2018	N	1310.29																						
B-904L	04-22-2019	N	1309.8																						
B-904L	07-08-2019	N	1310.59																						
B-904L	11-06-2019	N	1310.56																						
B-904L	04-20-2020	N	1310.77																						
B-904L	07-16-2020	N	1311.02	7.19	96	11.4	<0.1	1.9	<0.5		<10	<0.5							<0.05			*0.051*			
B-904L	11-04-2020	N	1310.5																						
B-904L	04-20-2021	N	1310.27																						
B-904L	07-06-2021	N	1310.25																						
B-904L	11-02-2021	N	1309.65																						
B-904L	04-20-2022	N	1309.28																						
B-904L	07-12-2022	N	1309.68	7.75	101	13.2	<0.1	1.7	<0.5		<10	<0.5							0.092			0.042			
B-904L	11-01-2022	N	1309.17																						
B-904L	12-01-2022	N	1309.1	7.1	92	7.9	<0.1	1.6	<0.5	6.3	<10	<0.5	<0.001	0.0028	0.048	<0.001	<0.001	0.0013	*1.4*		0.0032	***1.4***		0.0021	<0.001
B-904L	03-20-2023	N	1309.66	7.02	94	8.3	<0.1	1.7	<0.5	6.5	<10	<0.5	<0.001	0.0029	0.014	<0.001	<0.001	<0.001	0.085		<0.001	*0.08*		<0.001	<0.001
B-904L	04-19-2023	N	1309.79																						
B-914U	11-13-2000	N	1309.96	*6.1*	311	7.3	<0.1	5.23	<0.02		16	0.473	<0.002	**0.019**	0.042	<0.002	<0.003	<0.01	*52.9*		<0.002	***2.88***		<0.02	<0.01
B-914U	04-02-2001	N	1309.2	6.5	227	11.8	0.138	4.95	<0.02		<15	0.595							*48.3*			***1.59***			
B-914U	07-09-2001	N	1309.01	*5.7*	113	14	0.151	5.96	<0.02		<15	0.5							*30.1*			***0.989***			
B-914U	11-05-2001	N	1308.1	6.7	176	7.6	<0.1	2.65	0.059		<15	1.34							*19.6*			***0.583***			
B-914U	04-15-2002	N	1307.24	*6.3*	163	14.1	0.166	2.77	0.13		19	1.89							*19.9*			***1.31***			
B-914U	07-15-2002	N	1307.75	*6.3*	97	14	<0.1	<2.5	0.07		<15	0.969	<0.002	**0.028**	<0.02	<0.002	<0.003	<0.01	*16.3*		<0.002	***1.25***		<0.02	<0.01
B-914U	11-18-2002	N	1307.9	6.6	186	7.1	<0.1	<2.5	0.219		<15	0.673	<0.002	**0.022**	<0.02	<0.002	<0.003	<0.01	*19.7*		<0.002	***0.998***		<0.02	<0.01
B-914U	04-07-2003	N	1307.39	6.5	104	6.4	<0.1	<2.5	0.057		<15	1.68							*13.5*			***0.683***			
B-914U	07-14-2003	N	1307.42	*6.2*	80	20.3	<0.1	<2.5	0.821		<15	0.662	<0.002	**0.006**	<0.02	<0.002	<0.003	<0.01	*1.87*		<0.002	***0.73***		<0.01	<0.01
B-914U	11-03-2003	N	1307.49	6.5	101	8.9	<0.1	<2.5	0.045		<15	0.408							*13.3*			***1.34***			
B-914U	04-05-2004	N	1308.95	*6.4*	117	5.9	<0.1	<2.5	0.245		<15	0.262							*9.61*			***1.1***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-904L	04-19-2011	N																														
B-904L	07-13-2011	N																														
B-904L	11-02-2011	N																														
B-904L	04-11-2012	N																														
B-904L	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	
B-904L	11-07-2012	N																														
B-904L	12-05-2012	N																														
B-904L	04-10-2013	N																														
B-904L	07-09-2013	N																														
B-904L	11-06-2013	N																														
B-904L	04-22-2014	N																														
B-904L	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	
B-904L	11-04-2014	N																														
B-904L	04-15-2015	N																														
B-904L	07-21-2015	N																														
B-904L	11-10-2015	N																														
B-904L	04-11-2016	N																														
B-904L	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-904L	11-07-2016	N																														
B-904L	04-03-2017	N																														
B-904L	07-26-2017	N																														
B-904L	11-09-2017	N																														
B-904L	04-24-2018	N																														
B-904L	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-904L	11-05-2018	N																														
B-904L	04-22-2019	N																														
B-904L	07-08-2019	N																														
B-904L	11-06-2019	N																														
B-904L	04-20-2020	N																														
B-904L	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-904L	11-04-2020	N																														
B-904L	04-20-2021	N																														
B-904L	07-06-2021	N																														
B-904L	11-02-2021	N																														
B-904L	04-20-2022	N																														
B-904L	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-904L	11-01-2022	N																														
B-904L	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-904L	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-904L	04-19-2023	N																														
B-914U	11-13-2000	N											1.2																			
B-914U	04-02-2001	N											<1																			
B-914U	07-09-2001	N																														
B-914U	11-05-2001	N											<1																			
B-914U	04-15-2002	N											<1																			
B-914U	07-15-2002	N																														
B-914U	11-18-2002	N											<1																			
B-914U	04-07-2003	N											<1																			
B-914U	07-14-2003	N																														
B-914U	11-03-2003	N											<1																			
B-914U	04-05-2004	N											<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-904L	04-19-2011	N																			
B-904L	07-13-2011	N																			
B-904L	11-02-2011	N																			
B-904L	04-11-2012	N																			
B-904L	07-17-2012	N																			
B-904L	11-07-2012	N																			
B-904L	12-05-2012	N																			
B-904L	04-10-2013	N																			
B-904L	07-09-2013	N																			
B-904L	11-06-2013	N																			
B-904L	04-22-2014	N																			
B-904L	07-15-2014	N																			
B-904L	11-04-2014	N																			
B-904L	04-15-2015	N																			
B-904L	07-21-2015	N																			
B-904L	11-10-2015	N																			
B-904L	04-11-2016	N																			
B-904L	07-11-2016	N																			
B-904L	11-07-2016	N																			
B-904L	04-03-2017	N																			
B-904L	07-26-2017	N																			
B-904L	11-09-2017	N																			
B-904L	04-24-2018	N																			
B-904L	07-11-2018	N																			
B-904L	11-05-2018	N																			
B-904L	04-22-2019	N																			
B-904L	07-08-2019	N																			
B-904L	11-06-2019	N																			
B-904L	04-20-2020	N																			
B-904L	07-16-2020	N																			
B-904L	11-04-2020	N																			
B-904L	04-20-2021	N																			
B-904L	07-06-2021	N																			
B-904L	11-02-2021	N																			
B-904L	04-20-2022	N																			
B-904L	07-12-2022	N																			
B-904L	11-01-2022	N																			
B-904L	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-904L	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-904L	04-19-2023	N																			
B-914U	11-13-2000	N																			
B-914U	04-02-2001	N																			
B-914U	07-09-2001	N																			
B-914U	11-05-2001	N																			
B-914U	04-15-2002	N																			
B-914U	07-15-2002	N																			
B-914U	11-18-2002	N																			
B-914U	04-07-2003	N																			
B-914U	07-14-2003	N																			
B-914U	11-03-2003	N																			
B-914U	04-05-2004	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914U	07-06-2004	N	1309.57	*5.8*	101	11.4	<0.1	5	0.457		18	0.479							*11.5*			***0.543***			
B-914U	11-08-2004	N	1309.37	*6.3*	39	4.5	<0.1	3.26	0.174		<15	0.382							*4.42*			***0.659***			
B-914U	04-11-2005	N	1308.95	*6.4*	73	7	<0.1	4.26	0.027		<15	0.35							*4.17*			***1.02***			
B-914U	07-11-2005	N	1309.5	6.6	261	17.3	<0.1	70.3	0.052		<15	0.381	<0.002	**0.007**	0.045	<0.002	<0.003	<0.01	*9.22*		<0.001	***2.67***		<0.02	<0.01
B-914U	11-01-2005	N	1309.58	*5.8*	277	10.8	<0.1	71.7	0.057		<15	0.464							*21.8*			***1.48***			
B-914U	04-10-2006	N	1310.37	*6.1*	77	9.4	<0.1	22	0.034		<15	0.904							*5.64*			***0.642***			
B-914U	07-10-2006	N	1310.8				0.141	12.5	0.182		<15	0.597							*3.25*			***0.791***			
B-914U	11-06-2006	N	1310.83	*6.3*	80	9.3	<0.1	13.8	<0.02		<15	0.579							*3.87*			***0.657***			
B-914U	04-09-2007	N	1310.5	*6.3*	100	7.6	<0.1	7.49	<0.02		<15	0.522							*2.63*			***0.417***			
B-914U	07-23-2007	N	1310.75	*5.9*	174	15.1	<0.1	17.7	0.859		<15	0.286	<0.002	**0.008**	<0.02	<0.002	<0.002	<0.02	*4.88*		<0.001	***0.812***		<0.02	<0.02
B-914U	11-05-2007	N	1310.1	*6.2*	110	6.1	<0.1	27	0.1		<10	1.3		**0.007**					*6.43*			***1.04***			
B-914U	04-21-2008	N	1309.3	*6.3*	260	10.7	<0.1	22	0.02		15	0.32		**0.014**					*8.2*			***1.6***			
B-914U	07-21-2008	N	1309.55	*6.2*	163	17.1	<0.1	25	0.03		10	0.31							*7.9*			***0.83***			
B-914U	11-18-2008	N	1310.41	6.7	360	9.8	<0.1	69	0.33		34	0.2		**0.01**					*18*			***1.6***			
B-914U	04-07-2009	N	1310.6	*6*	80	10	0.1	11	<0.5		<10	<0.5		**0.008**					*2*			***0.35***			
B-914U	07-14-2009	N	1310.69	*5.68*	70	14.6	<0.1	13	<0.5		<10	<0.5	<0.001	**0.01**	0.016	<0.001	<0.001	<0.001	*2*		<0.001	***0.37***		0.002	<0.001
B-914U	11-10-2009	N	1310.53	*6*	100	13	<0.1	54	<0.5		<10	<0.5		**0.008**					*4.6*			***0.77***			
B-914U	04-08-2010	N	1310.31	*5.27*	10	14.7	<0.1	32	<0.5		<10	<0.5		**0.009**					*3.5*			***0.43***			
B-914U	07-14-2010	N	1310.8	*5.4*	270	17.2	<0.1	58	<0.5		<10	<0.5							*3.4*			***0.52***			
B-914U	11-02-2010	N	1310.73	*5.56*	330	11.4	<0.1	65	<0.5		<10	<0.5		0.003					*2.3*			***0.32***			
B-914U	04-19-2011	N	1311.07	*5.92*	320	10.9	0.2	66	<0.5		<10	<0.5		0.003					*1.5*			*0.27*			
B-914U	07-13-2011	N	1311.6	*5.4*	150	16.1	0.1	55	<0.5		<10	<0.5	<0.001	0.0015	0.028	<0.001	<0.001	<0.001	*0.76*		<0.001	***0.32***		0.007	<0.001
B-914U	11-02-2011	N	1310.7	*6.02*	340	11.6	<0.1	40	<0.5		<10	<0.5		0.002					*1.2*			*0.22*			
B-914U	04-10-2012	N	1309.39	7.2	700	12.3	<0.1	71	<0.5		<10	<0.5		0.0008					0.08			*0.17*			
B-914U	07-18-2012	N	1309.06	*6.2*	540	21.3	<0.1	120	<0.5		<10	<0.5		<0.001					*1.2*			*0.14*			
B-914U	11-06-2012	N	1308.87	*6.15*	463	13.6	<0.1	110	<0.5		<10	<0.5		<0.0005					0.18			0.03			
B-914U	04-11-2013	N	1308.51	*6.4*	450	8.7	<0.1	120	<0.5		<10	<0.5		**0.008**					*8.8*			*0.11*			
B-914U	07-09-2013	N	1308.78	*6.05*	470	21.2	<0.1	96	<0.5		<10	<0.5	<0.001	0.0007	0.047	<0.001	<0.001	<0.001	0.3		<0.001	0.03		0.01	<0.001
B-914U	11-07-2013	N	1309.5	*5.99*	1040	13	<0.1	76	<0.5		<10	<0.5		0.0005					<0.05			0.027			
B-914U	04-22-2014	N	1309.45	*5.96*	230	17.8	<0.1	22	<0.5		<10	<0.5		0.003					*1.1*			*0.14*			
B-914U	07-14-2014	N	1309.37	*6.21*	137	16.2	<0.1	9	<0.5		<10	<0.5													
B-914U	07-15-2014	N																	<0.05			0.008			
B-914U	11-04-2014	N	1311.75	*5.91*	150	13.2	<0.1	10	<0.5		<10	<0.5		<0.001					<0.05			<0.005			
B-914U	04-14-2015	N	1308.36	*5.99*	163	16.1	<0.1	13	<0.5		<10	<0.5		<0.0005					<0.05			0.007			
B-914U	07-22-2015	N	1308.35	*5.96*	234	16.4	<0.1	28	<0.5		<10	<0.5	<0.001	0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	0.029		0.008	<0.001
B-914U	11-10-2015	N	1308.1	*6.14*	111	15.7	<0.1	6	<0.5		<10	<0.5		0.0006					<0.05			0.013			
B-914U	04-11-2016	N	1308.01	*6.17*	200	9.8	<0.1	6	<0.5		<10	0.6		0.0005					<0.05			0.006			
B-914U	07-11-2016	N	1308.04	*6.32*	193	17.5	<0.1	16	<0.5		<10	<0.5							<0.05			0.011			
B-914U	11-07-2016	N	1307.61	*6.34*	184	13.9	<0.1	8	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-914U	04-03-2017	N	1307.26	6.8	81	11.8	<0.1	2	<0.5		<10	<0.5		<0.0005					<0.05			<0.005			
B-914U	07-26-2017	N	1307.77	*6.18*	178	14.7	<0.1	6	1.1		<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-914U	11-09-2017	N	1307.87	6.54	121	13.2	<0.1	4	<0.5		<10	<0.5		<0.0005					0.05			<0.005			
B-914U	04-24-2018	N	1307.92	*6.16*	85	16	<0.1	2.9	<0.5		<10	<0.5		<0.0005					0.05			<0.005			
B-914U	07-11-2018	N	1308.06	*5.73*	94	16.8	<0.1	2.9	<0.5		<10	<0.5							0.2			<0.005			
B-914U	11-05-2018	N	1307.65	*6.24*	86	12.6	<0.1	3.6	<0.5		<10	<0.5		<0.001					<0.05			<0.005			
B-914U	04-22-2019	N	1307.68	*6.32*	98	17.2	<0.1	3.3	<0.5		<10	<0.5		<0.001					*0.48*			<0.005			
B-914U	07-08-2019	N	1308.01	*6.3*	101	16.2	<0.1	3.7	<0.5		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	0.23		<0.001	<0.005		0.0019	<0.001
B-914U	11-06-2019	N	1308.17	*6.47*	82	13.4	<0.1	2.8	<0.5		<10	<0.5		0.00081					*0.44*			0.01			
B-914U	04-20-2020	N	1308.46	*6*	119	13.8	0.15	5.7	<0.5		<10	<0.5		<0.0005					<0.05			0.0098			
B-914U	07-16-2020	N	1308.42	*6.35*	897	15.8	<0.1	5.1	<0.5		<10	<0.5							*0.46*			<0.005			
B-914U	11-04-2020	N	1308.17	6.64	80	12	<0.1	4.2	<0.5		<10	<0.5		<0.0005					0.14			<0.005			
B-914U	04-20-2021	N	1307.96	6.6	69	11.9	<0.1	3.6	<0.5		<10	<0.5		<0.0005					0.11			<0.005			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914U	07-06-2004	N																																																		
B-914U	11-08-2004	N											<1																																							
B-914U	04-11-2005	N											<1																																							
B-914U	07-11-2005	N																																																	
B-914U	11-01-2005	N											<1																																							
B-914U	04-10-2006	N											<2																																							
B-914U	07-10-2006	N																																																	
B-914U	11-06-2006	N											<1																																							
B-914U	04-09-2007	N											<1																																							
B-914U	07-23-2007	N																																																	
B-914U	11-05-2007	N											<1																																							
B-914U	04-21-2008	N											<1																																							
B-914U	07-21-2008	N																																																	
B-914U	11-18-2008	N											<1																																							
B-914U	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-914U	07-14-2009	N																																																	
B-914U	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-914U	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-914U	07-14-2010	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-914U	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-914U	04-19-2011	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-914U	07-13-2011	N																																																	
B-914U	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-914U	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-914U	07-18-2012	N																																																
B-914U	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-914U	04-11-2013	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-914U	07-09-2013	N																																																
B-914U	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-914U	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-914U	07-14-2014	N																																																
B-914U	07-15-2014	N																																																
B-914U	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-914U	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-914U	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-914U	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-914U	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-914U	07-11-2016	N																																																
B-914U	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-914U	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																						
B-914U	07-26-2017	N																																																
B-914U	11-09-2017	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-914U	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-914U	07-11-2018	N																																																
B-914U	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-914U	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-914U	07-08-2019	N																																																
B-914U	11-06-2019	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-914U	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-914U	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-914U	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-914U	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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914U	07-05-2021	N	1307.61	*6.33*	100	15.5	<0.1	2.6	<0.5		<10	<0.5	<0.001	<0.0005	0.0078	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0012	<0.001
B-914U	09-29-2021	N	1307.3																						
B-914U	11-01-2021	N	1307.07	6.77	71	13.3	<0.1	3	<0.5		<10	<0.5		0.00061					0.11			<0.005			
B-914U	04-20-2022	N	1307.14	7.38	144	11.4	<0.1	7.3	0.74		<10	<0.5		0.003					*0.66*			<0.005			
B-914U	06-08-2022	N	1307.03																						
B-914U	07-13-2022	N	1306.9	6.91	71	13.7	<0.1	3	<0.5		<10	<0.5							*0.85*			0.0085			
B-914U	11-01-2022	N	1306.74																						
B-914U	12-01-2022	N	1306.63	*6.36*	78	10.23	<0.1	3.9	0.55	6.1	<10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0012	<0.001
B-914U	03-20-2023	N	1307.14	6.7	76	10.9	<0.1	2.5	<0.5	5.3	45	<0.5	<0.001	0.0013	0.0093	<0.001	<0.001	<0.001	<0.05		<0.001	*0.087*		<0.001	<0.001
B-914U	04-19-2023	N	1307.33	6.66	71	11.7					<10														
B-914L	11-13-2000	N	1308.49	7.9	1096	7.4	<0.1	29.9	0.05		<15	0.239	<0.002	0.005	0.319	<0.002	<0.003	<0.01	0.017		<0.002	*0.117*		<0.02	<0.01
B-914L	04-02-2001	N	1307.57	7.1	1011	11			0.249			0.104													
B-914L	07-09-2001	N	1307.5	6.5	1000	13.1																			
B-914L	11-05-2001	N	1306.42																						
B-914L	04-15-2002	N	1305.78																						
B-914L	07-15-2002	N	1306.4	7.1	798	13.7	0.26	12.8	<0.02		<15	0.065	<0.002	0.004	0.093	<0.002	<0.003	<0.01	*3.1*		<0.002	*0.205*		<0.02	<0.01
B-914L	11-18-2002	N	1306.33																						
B-914L	04-07-2003	N	1305.98																						
B-914L	07-14-2003	N	1305.1	7.1	563	13	<0.1	8.54	<0.2		<15	0.101							0.065			***0.51***			
B-914L	11-03-2003	N	1306.04																						
B-914L	04-05-2004	N	1307.43																						
B-914L	07-06-2004	N	1308.71																						
B-914L	11-08-2004	N	1308.53																						
B-914L	04-11-2005	N	1307.8																						
B-914L	07-11-2005	N	1308.57	6.8	372	18.5	<0.1	3.97	0.065		<15	0.071	<0.002	0.003	0.047	<0.002	<0.003	<0.01	*0.783*		<0.001	*0.065*		<0.02	<0.01
B-914L	11-01-2005	N	1308.65																						
B-914L	04-10-2006	N	1309.51																						
B-914L	11-06-2006	N	1310.08																						
B-914L	04-09-2007	N	1308.96																						
B-914L	07-23-2007	N	1309.15	*6.1*	139	12.6	<0.1	<2.5	0.067		<15	0.08							*0.364*			0.047			
B-914L	11-05-2007	N	1308.34																						
B-914L	04-21-2008	N	1307.78																						
B-914L	07-21-2008	N	1307.84	7.1	193	16	<0.1	<2.5	<0.02		<10	<0.1							*0.31*			0.033			
B-914L	11-18-2008	N	1308.82																						
B-914L	04-07-2009	N	1309.16																						
B-914L	07-14-2009	N	1309.31																						
B-914L	11-10-2009	N	1309.01																						
B-914L	04-08-2010	N	1308.88																						
B-914L	07-14-2010	N	1309.17	6.7	160	15.5	<0.1	2	<0.5		<10	<0.5							0.2			0.027			
B-914L	07-14-2010	FD					<0.1	2	<0.5		<10	<0.5							0.21			0.027			
B-914L	11-03-2010	N	1309.11																						
B-914L	04-19-2011	N	1310.82																						
B-914L	07-13-2011	N	1310.08																						
B-914L	11-02-2011	N	1309.19																						
B-914L	04-10-2012	N	1307.84																						
B-914L	07-18-2012	N	1307.54	7.4	130	18.6	<0.1	3	<0.5		<10	<0.5							<0.05			0.009			
B-914L	11-06-2012	N	1307.36																						
B-914L	04-11-2013	N	1306.94																						
B-914L	07-09-2013	N	1307.38																						
B-914L	11-07-2013	N	1308.07																						
B-914L	04-22-2014	N	1308.02																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914U	07-05-2021	N																																																				
B-914U	09-29-2021	N																																																			
B-914U	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-914U	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-914U	06-08-2022	N																																																			
B-914U	07-13-2022	N																																																			
B-914U	11-01-2022	N																																																			
B-914U	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-914U	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		0.13	0.23	0.46	**1.6**	**2**	**2.7**	0.98	**1**	<50	<5	2.1	**0.23**	3.5	0.18	**1.1**	<1	0.14	1.6	2.9
B-914U	04-19-2023	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-914L	11-13-2000	N											4.9											40.7	<1																													
B-914L	04-02-2001	N											3.5											26.1	<1																													
B-914L	07-09-2001	N											3.3											33.3	<1																													
B-914L	11-05-2001	N																																																			
B-914L	04-15-2002	N																																																			
B-914L	07-15-2002	N											1.9											13.1	1.3																													
B-914L	11-18-2002	N																																																		
B-914L	04-07-2003	N																																																		
B-914L	07-14-2003	N											1.5											14.2	<1																													
B-914L	11-03-2003	N																																																		
B-914L	04-05-2004	N																																																		
B-914L	07-06-2004	N																																																		
B-914L	11-08-2004	N																																																	
B-914L	04-11-2005	N																																																	
B-914L	07-11-2005	N											<1											<10	<1																												
B-914L	11-01-2005	N																																																	
B-914L	04-10-2006	N																																																	
B-914L	11-06-2006	N																																																	
B-914L	04-09-2007	N																																																	
B-914L	07-23-2007	N											<1											<10	<1																												
B-914L	11-05-2007	N																																																	
B-914L	04-21-2008	N																																																	
B-914L	07-21-2008	N											<1											<10	<1																												
B-914L	11-18-2008	N																																																	
B-914L	04-07-2009	N																																																	
B-914L	07-14-2009	N																																																	
B-914L	11-10-2009	N																																																	
B-914L	04-08-2010	N																																																	
B-914L	07-14-2010	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-914L	07-14-2010	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-914L	11-03-2010	N																																																	
B-914L	04-19-2011	N																																																	
B-914L	07-13-2011	N																																																	
B-914L	11-02-2011	N																																																	
B-914L	04-10-2012	N																																																	
B-914L	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-914L	11-06-2012	N																																																	
B-914L	04-11-2013	N																																																	
B-914L	07-09-2013	N																																																	
B-914L	11-07-2013	N																																																	
B-914L	04-22-2014	N																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914L	07-15-2014	N	1307.82	7.86	194	15.4	<0.1	4	<0.5		16	0.7							<0.05			0.016			
B-914L	11-04-2014	N	1307.59																						
B-914L	04-14-2015	N	1306.97																						
B-914L	07-22-2015	N	1306.92																						
B-914L	11-10-2015	N	1306.72																						
B-914L	04-11-2016	N	1306.57																						
B-914L	07-12-2016	N	1306.73	7.96	441	16.1	<0.1	2	<0.5		<10	<0.5							<0.05			0.008			
B-914L	11-07-2016	N	1306.22																						
B-914L	04-03-2017	N	1305.82																						
B-914L	07-26-2017	N	1306.4																						
B-914L	11-09-2017	N	1306.5																						
B-914L	04-24-2018	N	1306.56																						
B-914L	07-11-2018	N	1306.74	7.33	177	17.6	<0.1	4.3	<0.5		<10	<0.5							<0.05			0.0077			
B-914L	11-05-2018	N	1306.34																						
B-914L	04-22-2019	N	1307.11																						
B-914L	07-08-2019	N	1306.71																						
B-914L	11-06-2019	N	1306.78																						
B-914L	04-20-2020	N	1306.98																						
B-914L	07-16-2020	N	1307	7.39	131	14.1	<0.1	3.2	<0.5		<10	<0.5							<0.05			<0.005			
B-914L	11-04-2020	N	1306.67																						
B-914L	04-20-2021	N	1306.49																						
B-914L	07-05-2021	N	1306.23																						
B-914L	09-29-2021	N	1305.91																						
B-914L	11-01-2021	N	1305.69																						
B-914L	04-20-2022	N	1306.24																						
B-914L	07-13-2022	N	1305.51	7.19	112	13.6	<0.1	2.2	<0.5		<10	<0.5							0.066			0.018			
B-914L	11-01-2022	N	1305.21																						
B-914L	12-01-2022	N	1305.96	7.18	197	9.2	<0.1	2.7	<0.5	15	21	<0.5	<0.001	<0.0005	0.05	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-914L	03-20-2023	N	1305.7	7.08	197	5.5	<0.1	14	<0.5	20	<10	<0.5	<0.001	<0.0005	0.038	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-914L	04-19-2023	N	1305.83																						
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																						
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			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-914L	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																						
B-914L	11-04-2014	N																																																			
B-914L	04-14-2015	N																																																		
B-914L	07-22-2015	N																																																	
B-914L	11-10-2015	N																																																	
B-914L	04-11-2016	N																																																	
B-914L	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-914L	11-07-2016	N																																																	
B-914L	04-03-2017	N																																																	
B-914L	07-26-2017	N																																																	
B-914L	11-09-2017	N																																																	
B-914L	04-24-2018	N																																																	
B-914L	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-914L	11-05-2018	N																																																		
B-914L	04-22-2019	N																																																	
B-914L	07-08-2019	N																																																	
B-914L	11-06-2019	N																																																	
B-914L	04-20-2020	N																																																	
B-914L	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-914L	11-04-2020	N																																																	
B-914L	04-20-2021	N																																																	
B-914L	07-05-2021	N																																																	
B-914L	09-29-2021	N																																																	
B-914L	11-01-2021	N																																																	
B-914L	04-20-2022	N																																																	
B-914L	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-914L	11-01-2022	N																																																	
B-914L	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-914L	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-914L	04-19-2023	N																																																		
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																																																
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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			
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																					
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																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																						
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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																																																	
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-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																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-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																			
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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
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																				
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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																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-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-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			
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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	07-12-2022	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-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	
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																														
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-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																														

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	07-12-2022	N																			
B-916D	11-01-2022	N																			
B-916D	04-18-2023	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																			
B-917U	04-23-2019	N																			
B-917U	07-09-2019	N																			
B-917U	11-05-2019	N																			
B-917U	04-21-2020	N																			
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																			
B-917U	04-19-2021	N																			
B-917U	07-06-2021	N																			
B-917U	09-29-2021	N																			
B-917U	11-02-2021	N																			
B-917U	02-22-2022	N																			
B-917U	04-18-2022	N																			
B-917U	06-08-2022	N																			
B-917U	07-12-2022	N																			
B-917U	11-01-2022	N																			
B-917U	04-18-2023	N																			
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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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			
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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																														
B-909	07-16-2014	N																														
B-909	07-21-2015	N																														
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																														
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	
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-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																														
B-917D	07-16-2014	N																														
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																														

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-909	06-11-2012	N																			
B-909	09-13-2012	N																			
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																			
B-909	04-12-2016	N																			
B-909	07-13-2016	N																			
B-909	11-08-2016	N																			
B-909	04-04-2017	N																			
B-909	07-24-2017	N																			
B-909	11-08-2017	N																			
B-909	04-24-2018	N																			
B-909	07-10-2018	N																			
B-909	11-06-2018	N																			
B-909	04-23-2019	N																			
B-909	07-09-2019	N																			
B-909	11-05-2019	N																			
B-909	04-21-2020	N																			
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																			
B-909	04-19-2021	N																			
B-909	07-06-2021	N																			
B-909	09-29-2021	N																			
B-909	11-02-2021	N																			
B-909	04-18-2022	N																			
B-909	07-12-2022	N																			
B-909	11-01-2022	N																			
B-909	04-18-2023	N																			
B-917D	08-08-2001	N																			
B-917D	08-30-2001	N																			
B-917D	09-13-2001	N																			
B-917D	09-13-2001	FD																			
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																			
B-917D	09-13-2012	N																			
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																			
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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-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-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																						
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																																																
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																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-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
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-918D	08-08-2001	N	1294.89																						
B-918D	08-30-2001	N	1294.59																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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	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-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
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	<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	<10	<1	<2	<10	<1	<2	<1	<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-918D	08-08-2001	N																																																
B-918D	08-30-2001	N																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																						
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-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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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
			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
	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	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																														<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	<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																																														
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-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																		

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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			
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

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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	
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	
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																														
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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																														
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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																														
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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																														
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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	

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	09-15-2009	N																			
B-919U	10-14-2009	N																			
B-919U	11-10-2009	N																			
B-919U	12-08-2009	N																			
B-919U	01-07-2010	N																			
B-919U	02-09-2010	N																			
B-919U	03-09-2010	N																			
B-919U	04-07-2010	N																			
B-919U	05-25-2010	N																			
B-919U	06-15-2010	N																			
B-919U	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-919U	08-09-2010	N																			
B-919U	09-08-2010	N																			
B-919U	10-05-2010	N																			
B-919U	11-02-2010	N																			
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																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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-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-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
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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																																																	
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																					

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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
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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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																						
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-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																																																

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																						
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-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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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-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																																																		
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-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		<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	<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-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		<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	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-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		<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																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																						
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-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-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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																														
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																														
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-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-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	
B-925U	12-01-2016	N																														
B-925U	01-04-2017	N																														
B-925U	02-02-2017	N																														
B-925U	03-02-2017	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-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																			
B-924U	04-23-2019	N																			
B-924U	07-09-2019	N																			
B-924U	11-05-2019	N																			
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																			
B-924U	07-07-2021	N																			
B-924U	09-29-2021	N																			
B-924U	11-02-2021	N																			
B-924U	04-20-2022	N																			
B-924U	07-12-2022	N																			
B-924U	11-02-2022	N																			
B-924U	04-19-2023	N																			
B-924L	11-08-2016	N																			
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																			
B-924L	07-25-2017	N																			
B-924L	11-08-2017	N																			
B-924L	04-25-2018	N																			
B-924L	07-10-2018	N																			
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																			
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																			
B-924L	11-02-2022	N																			
B-924L	04-19-2023	N																			
B-925U	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-925U	12-01-2016	N																			
B-925U	01-04-2017	N																			
B-925U	02-02-2017	N																			
B-925U	03-02-2017	N																			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																						
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-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-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
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***			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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																																																
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-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-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																																															
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																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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-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																						
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			

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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-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																																																	
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																																																	

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	0.015	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	11-01-2022	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-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-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-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-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

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

Sample Location	Sample Date	Sample Type	Volatile Organic Compounds																														Semi-Volatile Organic Compounds																		
			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
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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-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-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-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-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-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																				

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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-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-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-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-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
B-931U	04-19-2023	N	1305.17																						
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																						

TABLE B.2
Summary of Monitoring Data – Groundwater Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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-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-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-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-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	
B-931U	04-19-2023	N																														
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	
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	
B-931L	04-19-2023	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-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-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-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-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-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-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
B-931U	04-19-2023	N																			
B-931L	11-02-2022	N																			
B-931L	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-931L	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-931L	04-19-2023	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-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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	116.2	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*	13,000		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
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

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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
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

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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	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	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	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	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	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	2.5	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
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	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	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	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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*	109.3	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	252.4	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	
Seep S-1	07-08-2019	N	6.76	282.2	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	131.7	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	146.3	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	132.1	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	215.2	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	114.3	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	113.8	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	114.2	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	117.8	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	120.6	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*	97.9	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	134.8	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	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
Seep S-1	07-11-2022	N	7.25	120.8	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	101.6	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	93.12	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	
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	<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																
SF-1	11-18-2002	N	6.6	112	4	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	3.69	0.437	<15	0.227						*1.33*		***0.473***		<10		<10																
SF-1	04-05-2004	N	6.6	106	7.5	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	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	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	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												

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North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																		
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	125.4	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	
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	280.2	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	278.2	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	178.7	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	161.9	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	134.6	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	270.7	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	148.2	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	144.9	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	134.3	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	136.1	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	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
SF-1	07-05-2021	N	7.27	130.5	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	113.3	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	388.1	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	150.7	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	122.6	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	
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																			
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	53.95	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	35.55	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	51.04	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	86.3	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-2	07-13-1995	N	7.2	60	20	4	<0.5	16	<0.5						*0.78*		*0.12*																			

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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*																				
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	44.7	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	36.4	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	50.72	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	86.7	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-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																				

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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																			
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	56.26	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	36.43	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	51.92	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	87.51	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	
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	
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	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
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	326.8	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	134.6	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	112.7	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	91.11	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	72.44	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	110.8	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-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	
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	249.1	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	163.8	11.8																				<0.25										
S-108	07-13-2020	N	6.66	188.3	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	

TABLE B.3
Summary of Monitoring Data – Surface Water Samples
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	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
		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
		SMCL	6.5-8.5			250								0.3	0.3		0.05																			
S-108	12-15-2020	N	7.67	153.5	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	154.2	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	165.5	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	170.2	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	150.1	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-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	
S-109	07-08-2019	N	7.11	157.2	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	148.5	9.3																				<0.25											
S-109	07-13-2020	N	7.05	170.6	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	149.7	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	145.5	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	141.6	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	165.2	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	

Appendix C

Time-Series Plots

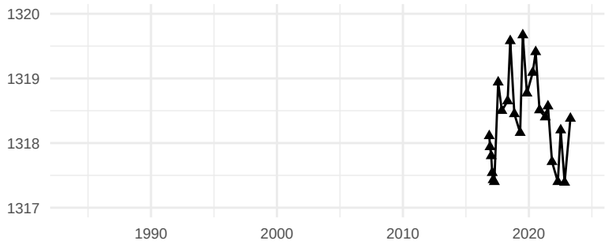
Appendix C.1

Groundwater Analytical Results
(Field and Indicator Parameters, VOCs)

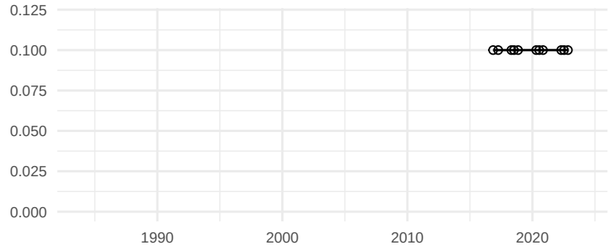
Background Wells

B−923U

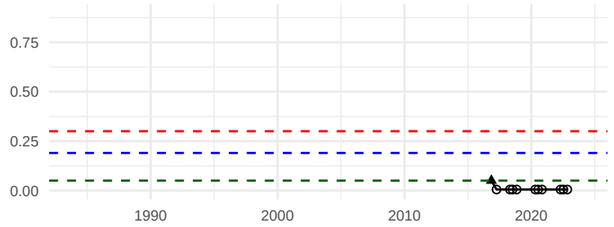
Groundwater Elevation (ft) :



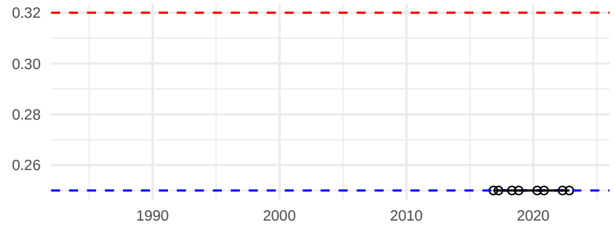
Bromide (mg/L) :



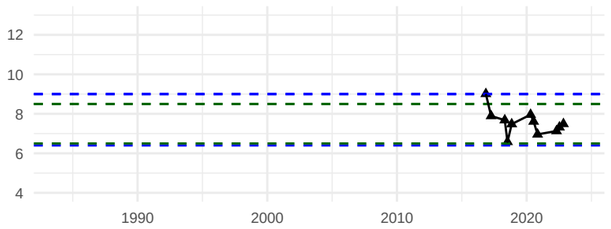
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



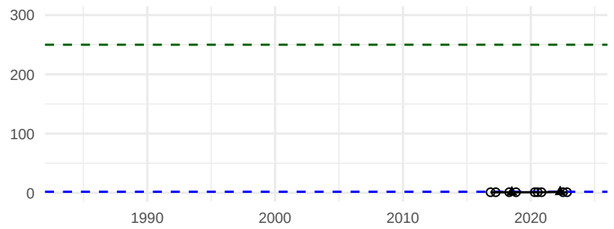
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



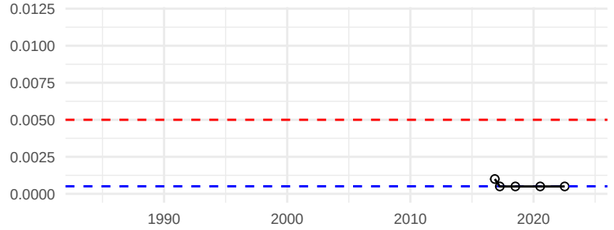
pH (SU) :
SMCL: 6.5 − 8.5 SU



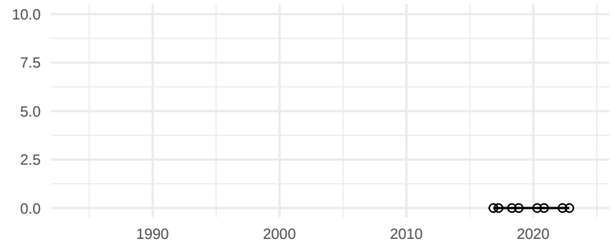
Chloride (mg/L) :
SMCL: 250 mg/L



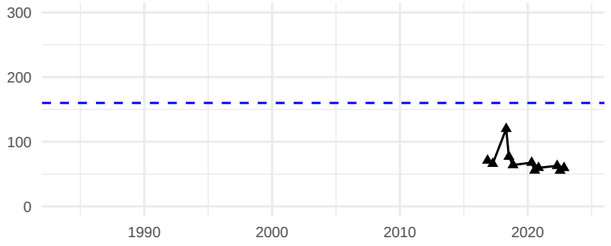
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



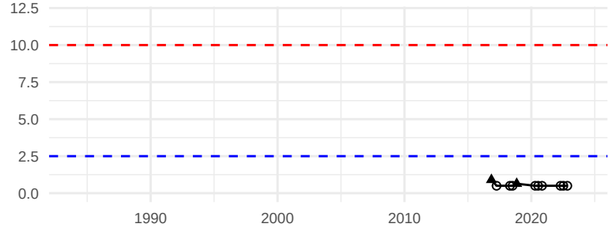
Total VOCs (ug/L) :



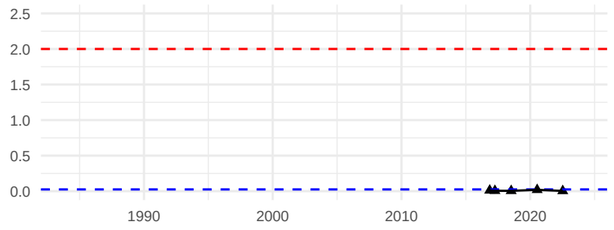
Specific Conductance (uS/cm) :



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



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



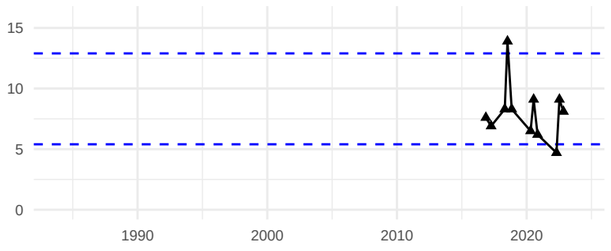
Result

- Detect
- Non−Detect

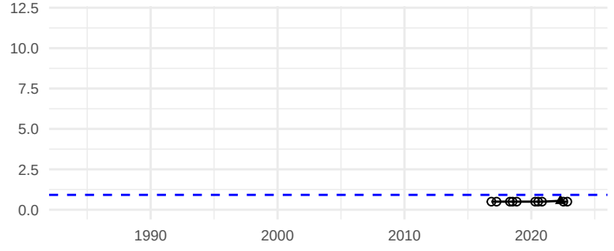
Standard

- AGQS
- SMCL
- Background

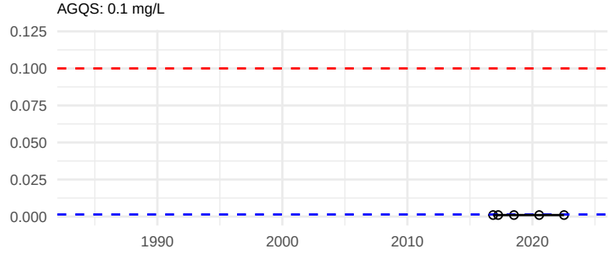
Temperature (C) :

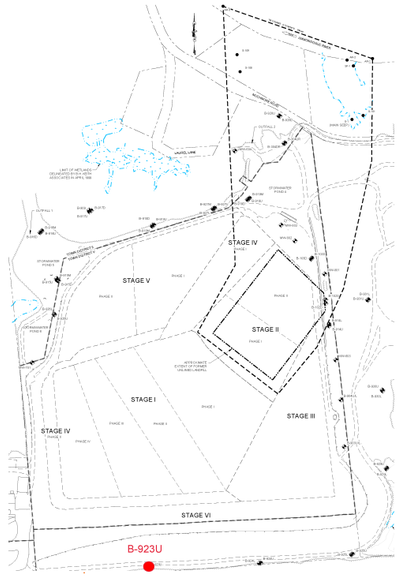


Total Kjeldahl Nitrogen (TKN) (mg/L) :

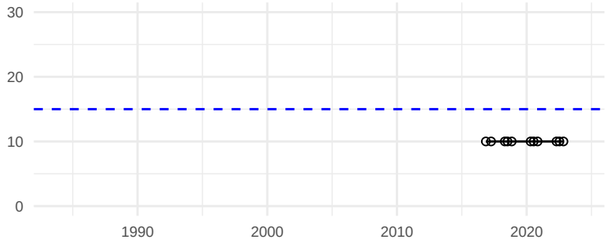


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

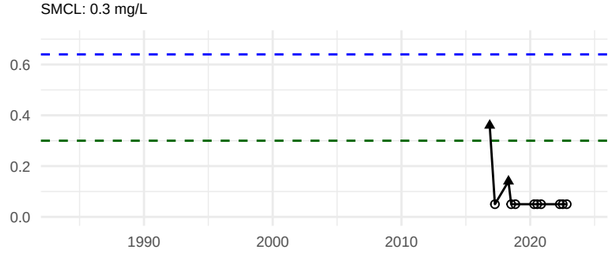




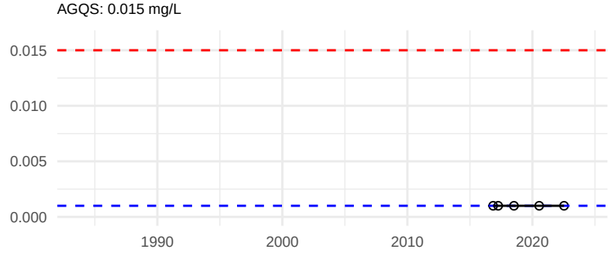
Chemical Oxygen Demand (mg/L) :



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

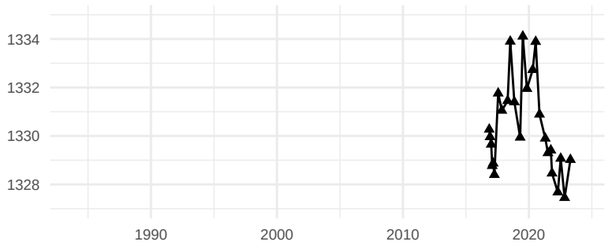


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

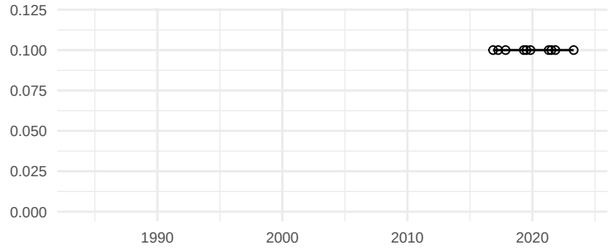


B−924U

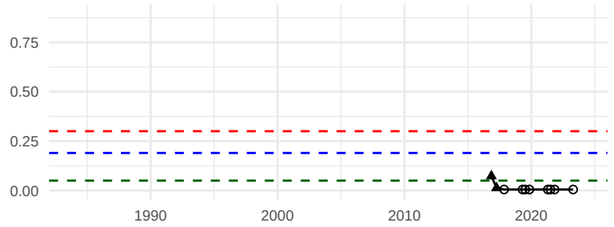
Groundwater Elevation (ft) :



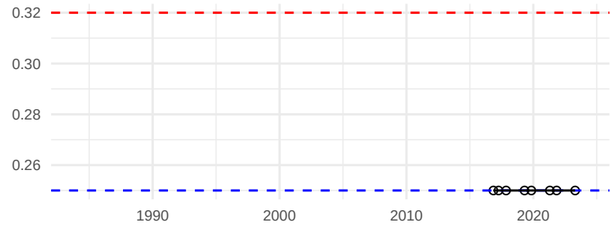
Bromide (mg/L) :



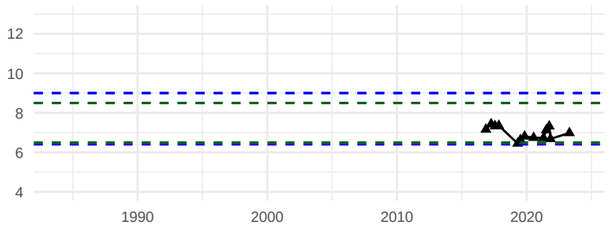
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



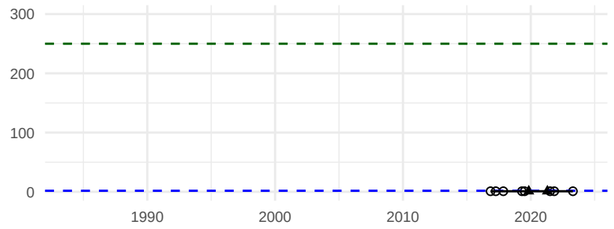
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



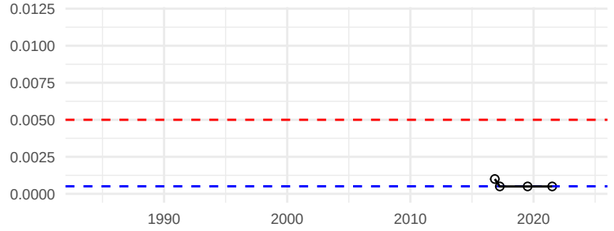
pH (SU) :
SMCL: 6.5 − 8.5 SU



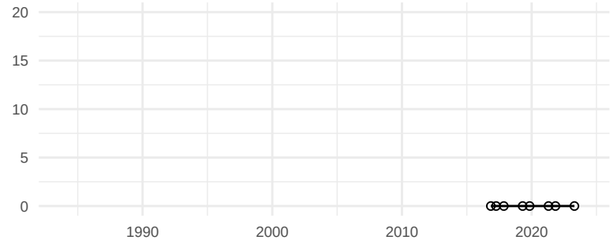
Chloride (mg/L) :
SMCL: 250 mg/L



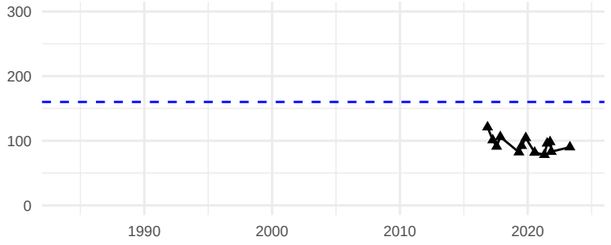
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



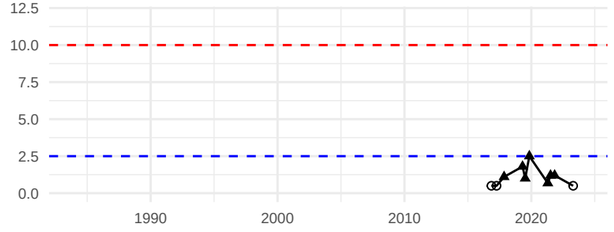
Total VOCs (ug/L) :



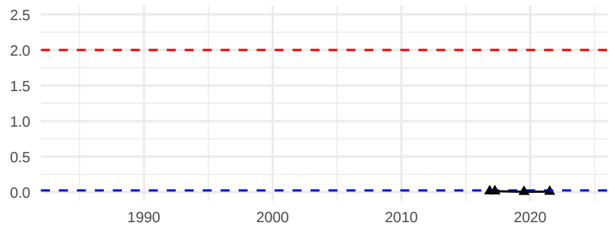
Specific Conductance (uS/cm) :



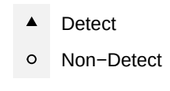
Nitrate (mg/L) :
AGQS: 10 mg/L



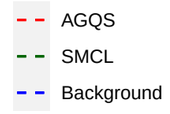
Dissolved Barium (mg/L) :
AGQS: 2 mg/L



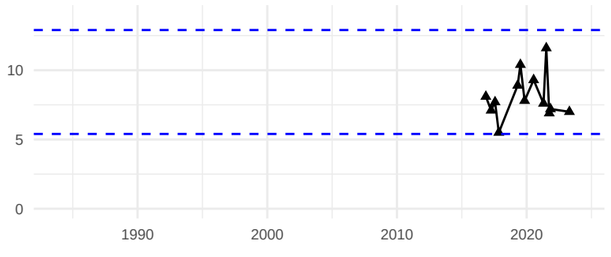
Result



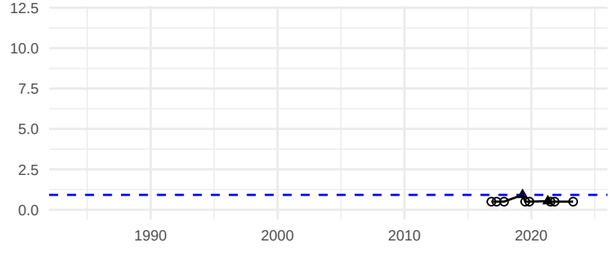
Standard



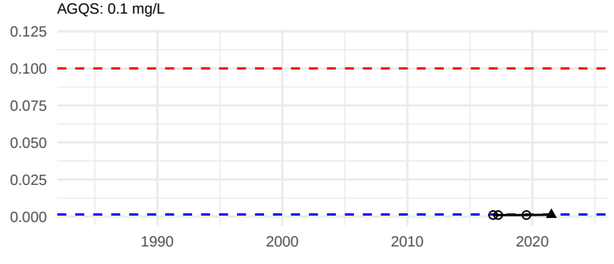
Temperature (C) :

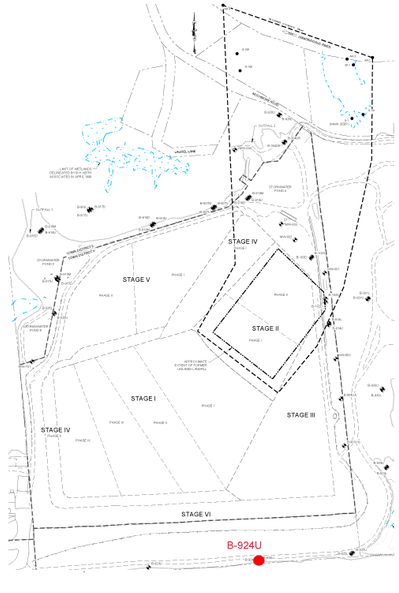


Total Kjeldahl Nitrogen (TKN) (mg/L) :

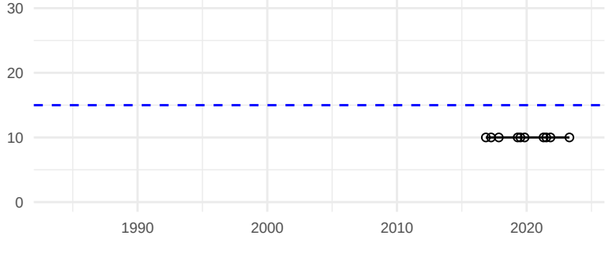


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

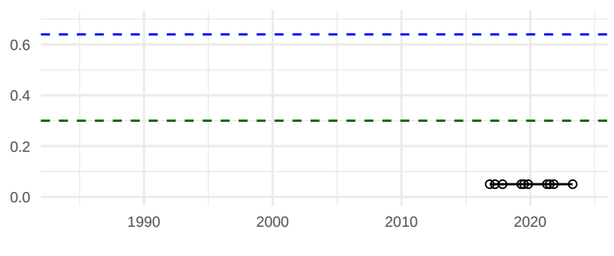




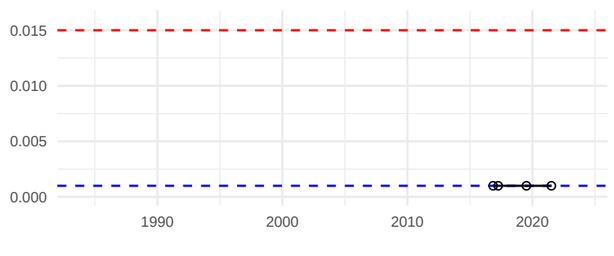
Chemical Oxygen Demand (mg/L) :



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

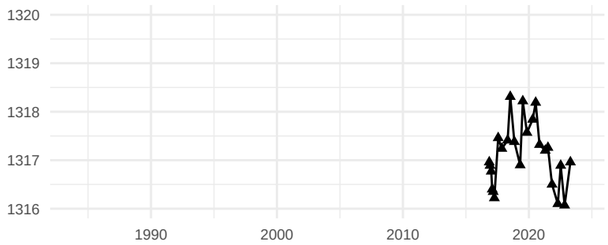


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

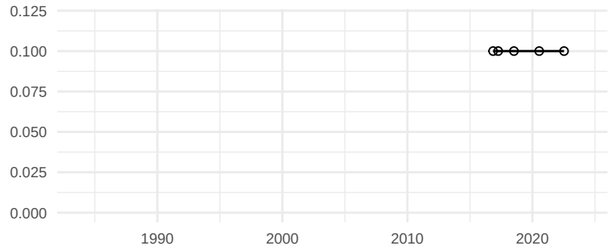


B−924L

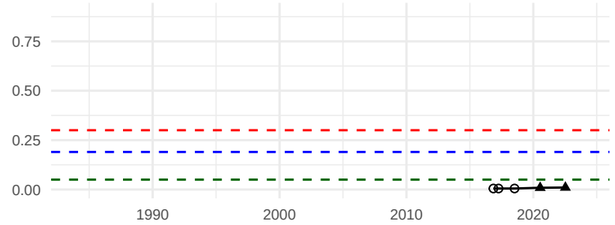
Groundwater Elevation (ft) :



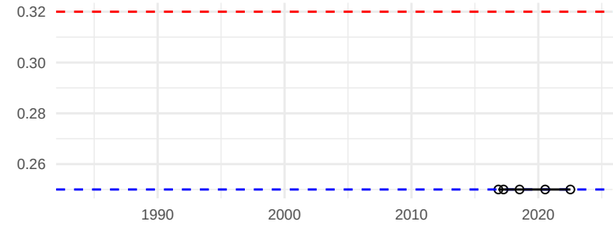
Bromide (mg/L) :



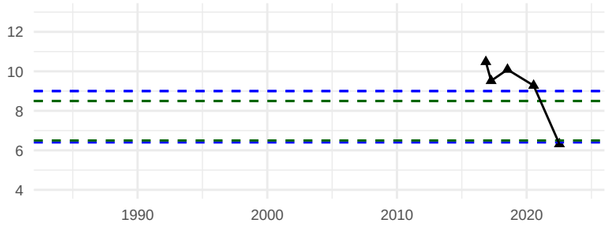
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



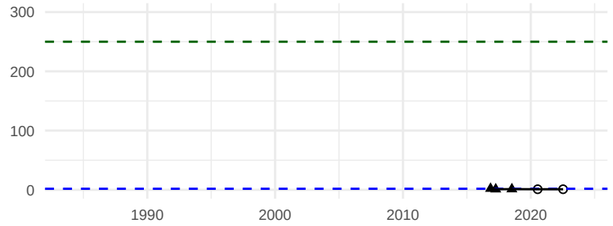
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 − 8.5 SU

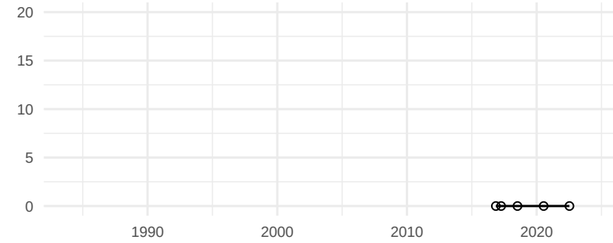


Chloride (mg/L) :
SMCL: 250 mg/L

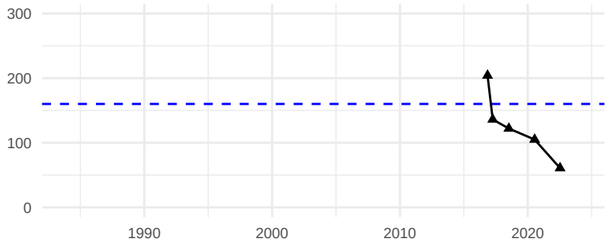


Dissolved Arsenic (mg/L) :
No Data

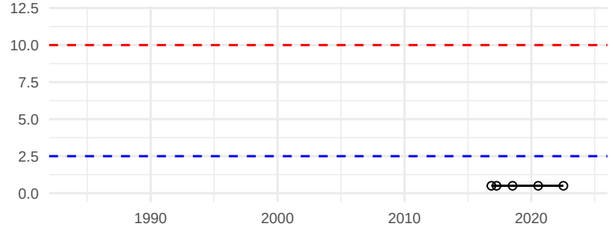
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



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



Dissolved Barium (mg/L) :
No Data

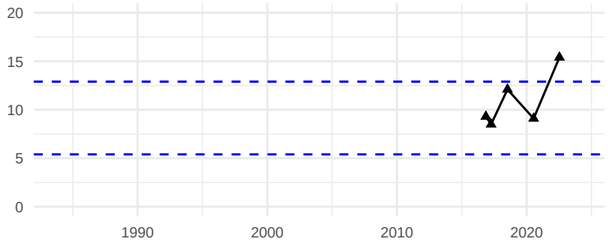
Result

- Detect
- Non−Detect

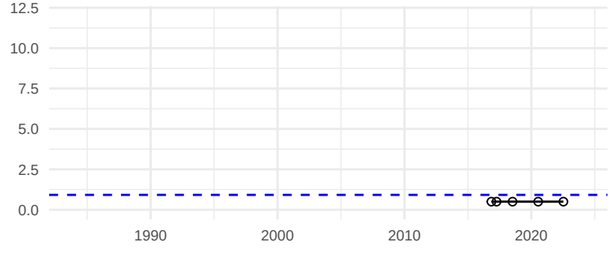
Standard

- AGQS
- SMCL
- Background

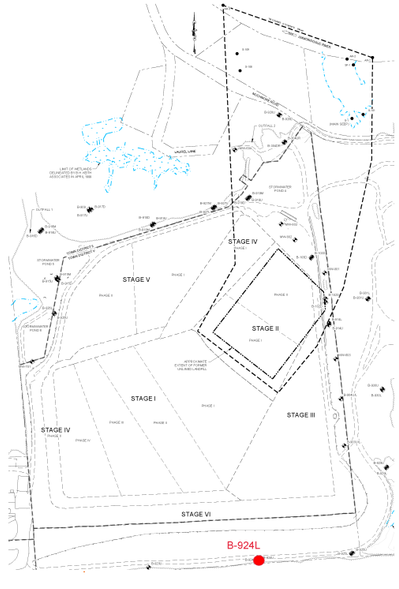
Temperature (C) :



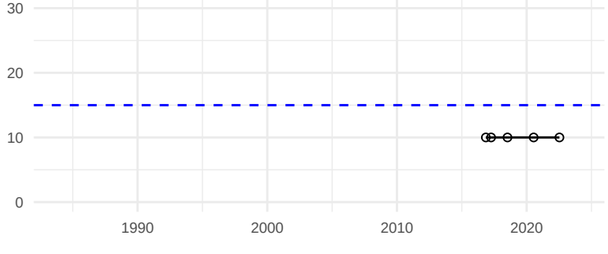
Total Kjeldahl Nitrogen (TKN) (mg/L) :



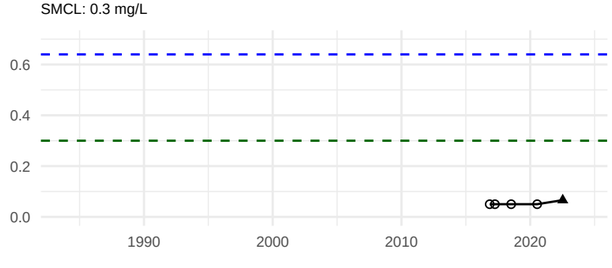
Dissolved Chromium (mg/L) :
No Data



Chemical Oxygen Demand (mg/L) :



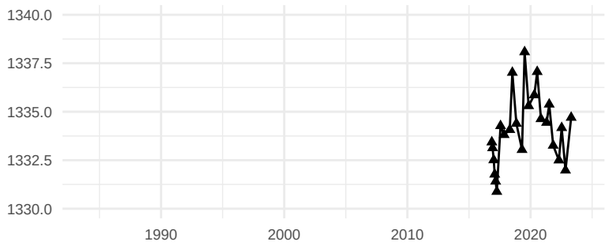
Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



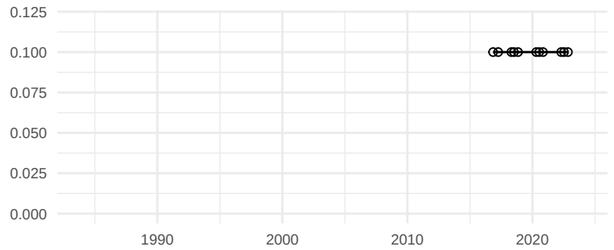
Dissolved Lead (mg/L) :
No Data

B−925U

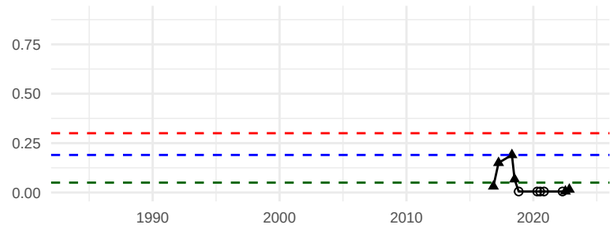
Groundwater Elevation (ft) :



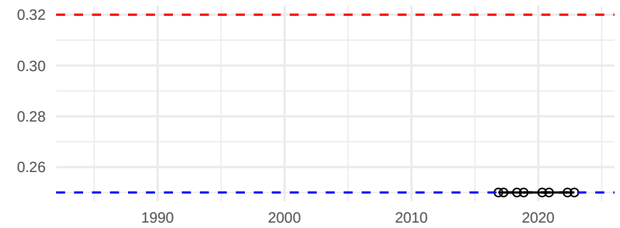
Bromide (mg/L) :



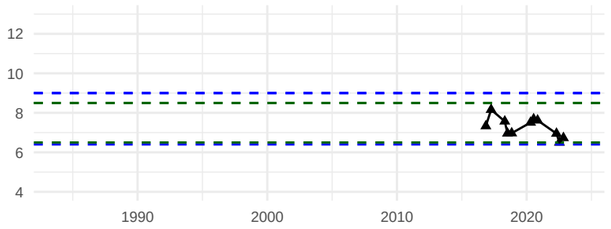
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



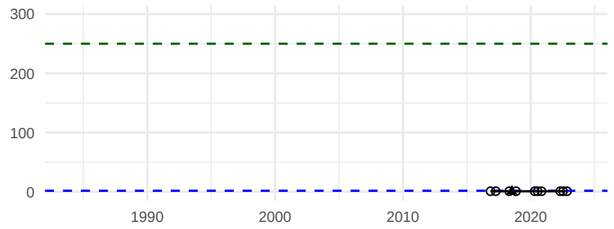
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



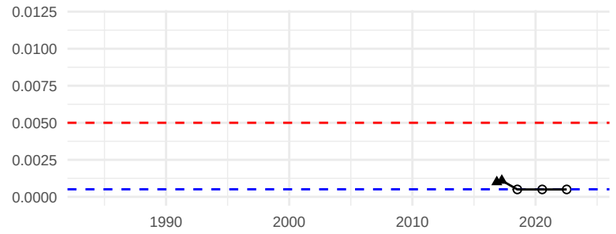
pH (SU) :
SMCL: 6.5 − 8.5 SU



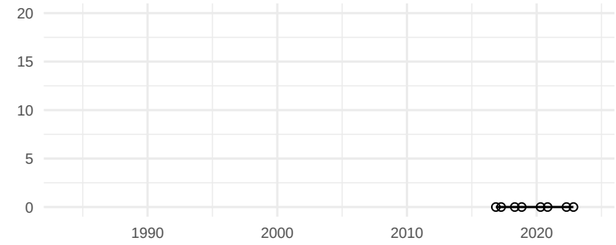
Chloride (mg/L) :
SMCL: 250 mg/L



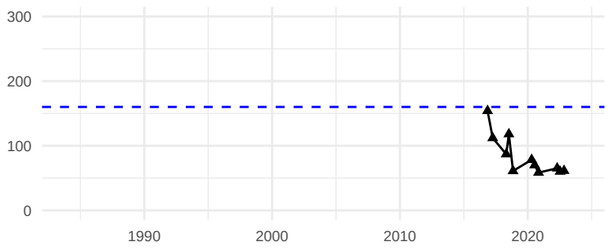
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



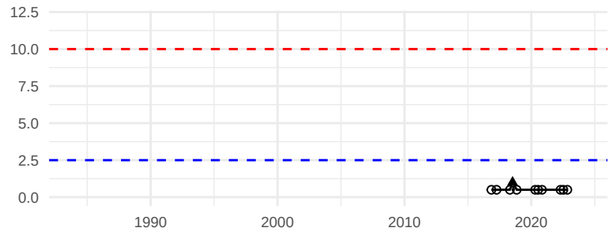
Total VOCs (ug/L) :



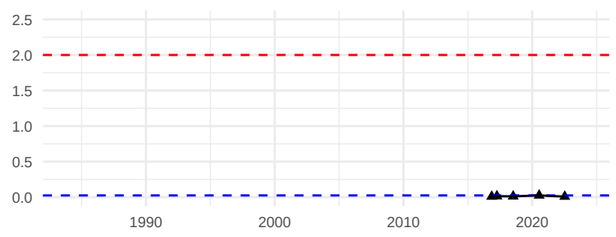
Specific Conductance (uS/cm) :



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



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



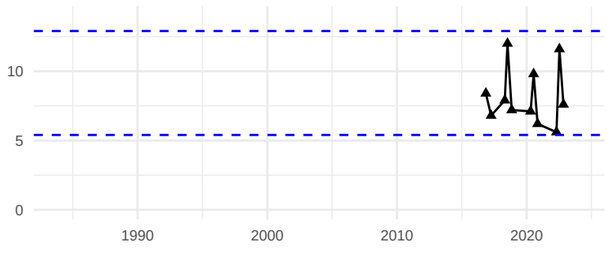
Result

- Detect
- Non−Detect

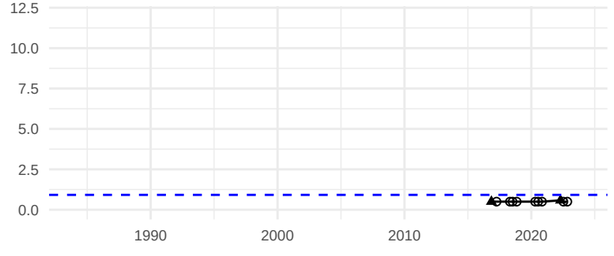
Standard

- AGQS
- SMCL
- Background

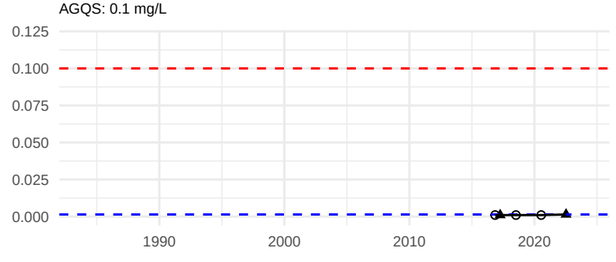
Temperature (C) :

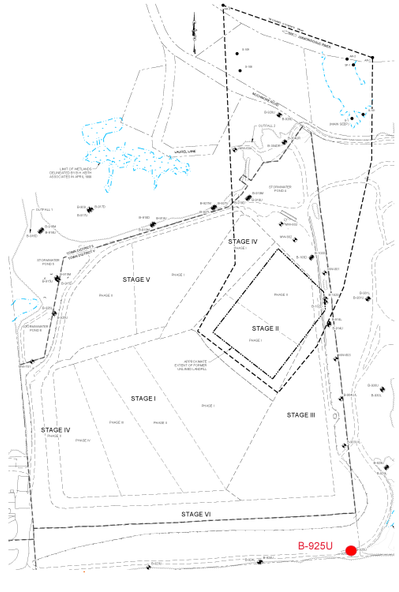


Total Kjeldahl Nitrogen (TKN) (mg/L) :

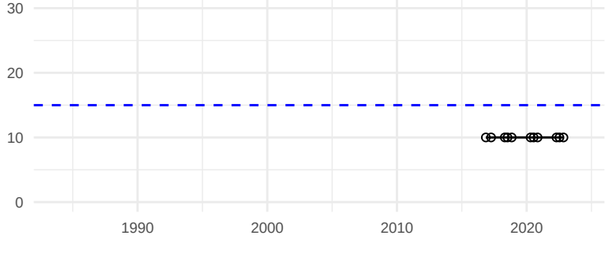


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

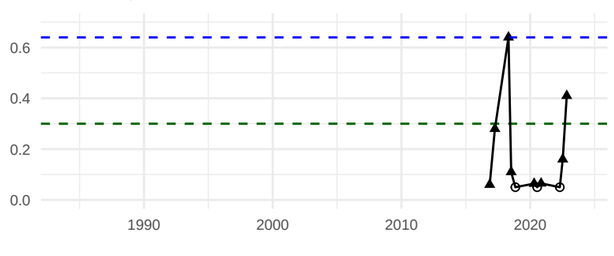




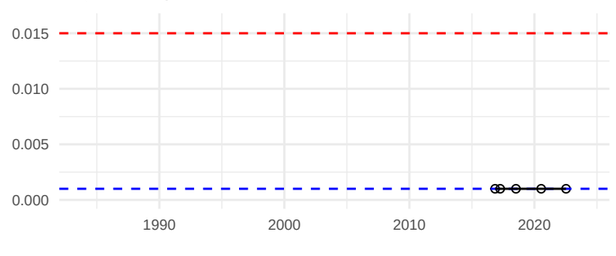
Chemical Oxygen Demand (mg/L) :



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

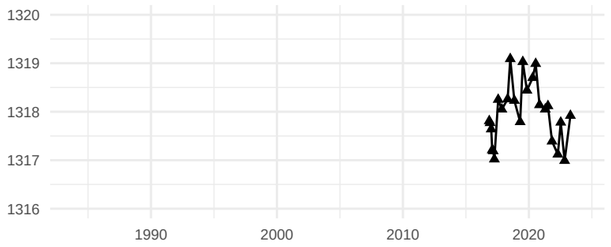


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

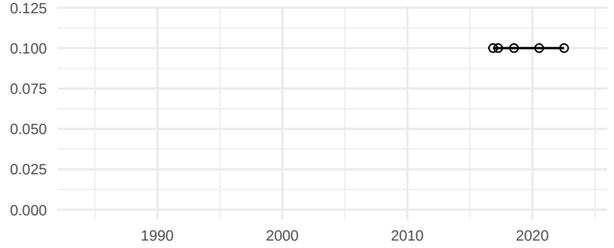


B−925L

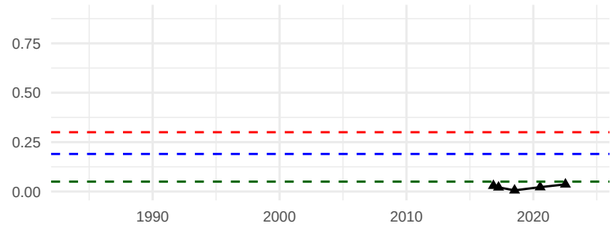
Groundwater Elevation (ft) :



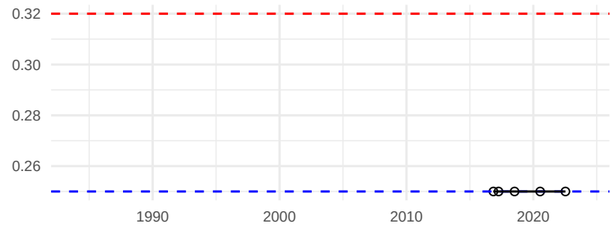
Bromide (mg/L) :



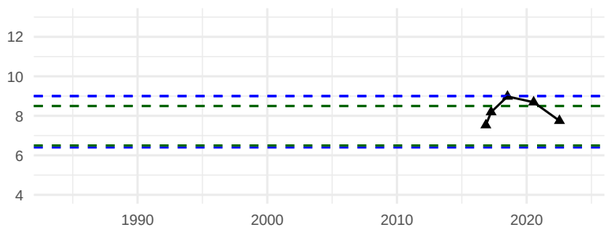
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



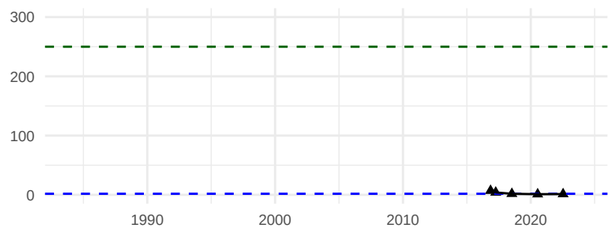
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 − 8.5 SU

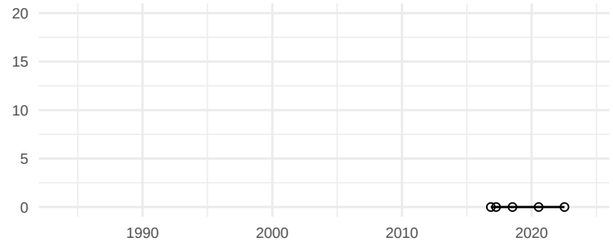


Chloride (mg/L) :
SMCL: 250 mg/L

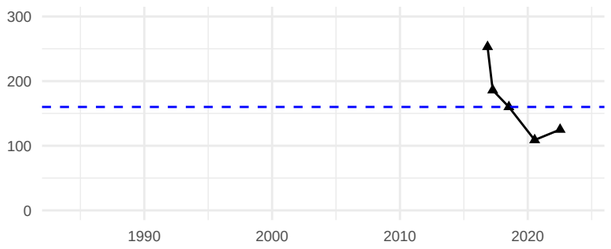


Dissolved Arsenic (mg/L) :
No Data

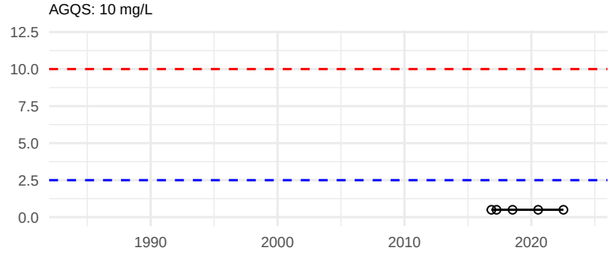
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



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



Dissolved Barium (mg/L) :
No Data

Result

Detect

Non−Detect

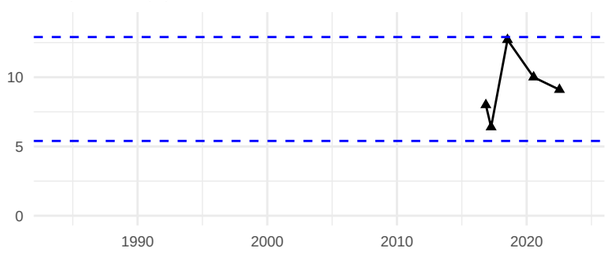
Standard

AGQS

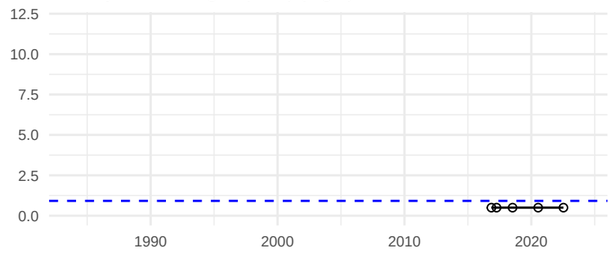
SMCL

Background

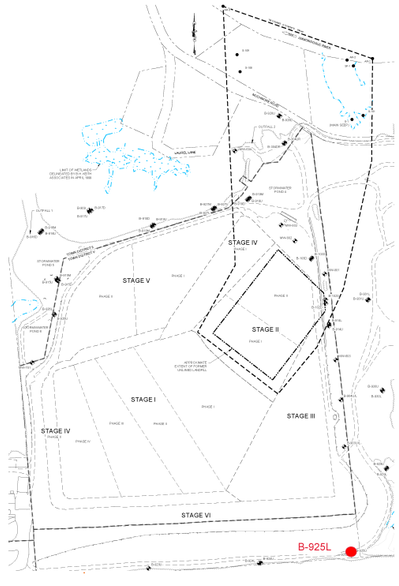
Temperature (C) :



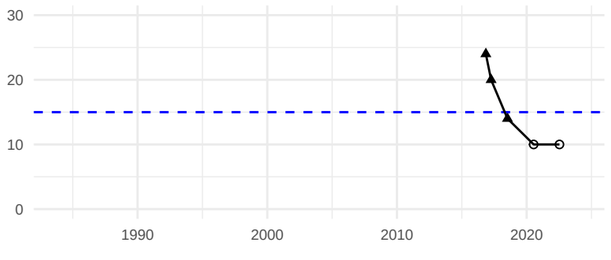
Total Kjeldahl Nitrogen (TKN) (mg/L) :



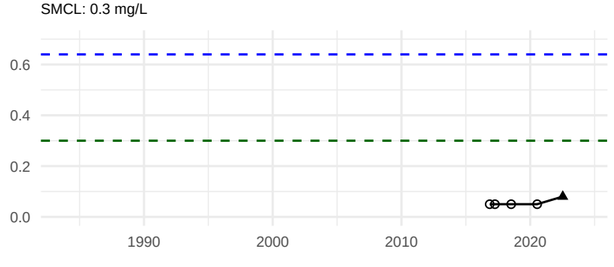
Dissolved Chromium (mg/L) :
No Data



Chemical Oxygen Demand (mg/L) :



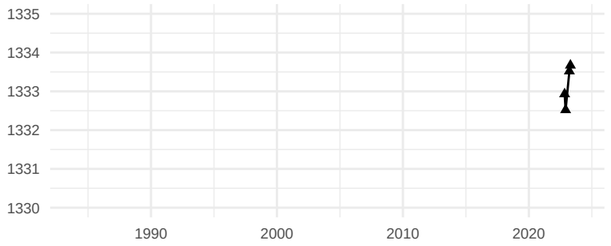
Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



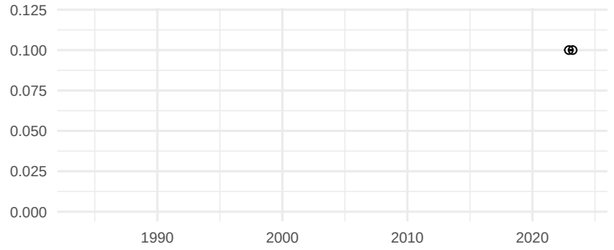
Dissolved Lead (mg/L) :
No Data

B−929U

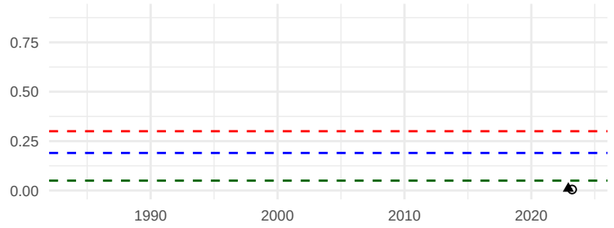
Groundwater Elevation (ft) :



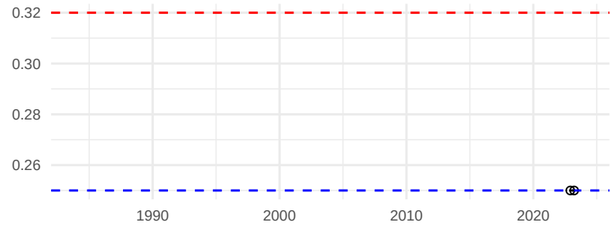
Bromide (mg/L) :



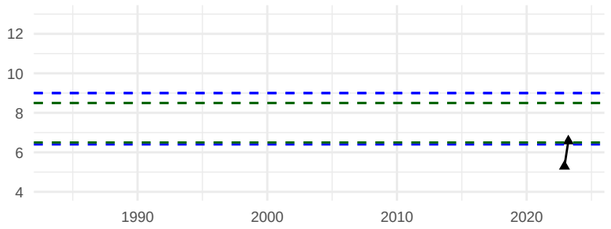
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



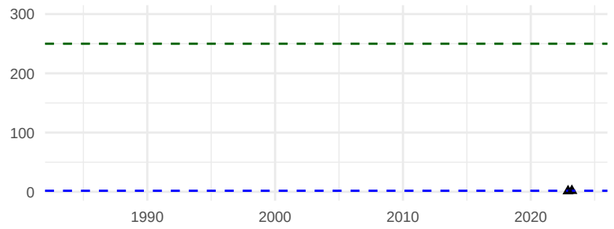
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



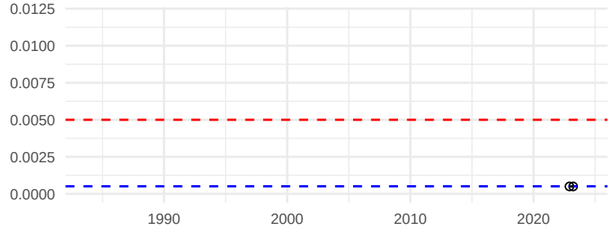
pH (SU) :
SMCL: 6.5 − 8.5 SU



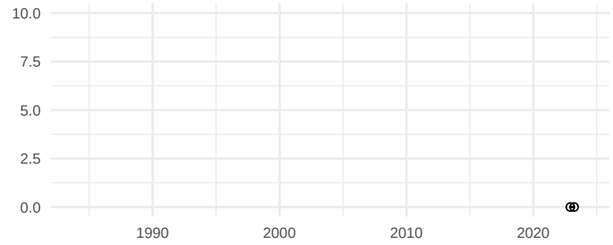
Chloride (mg/L) :
SMCL: 250 mg/L



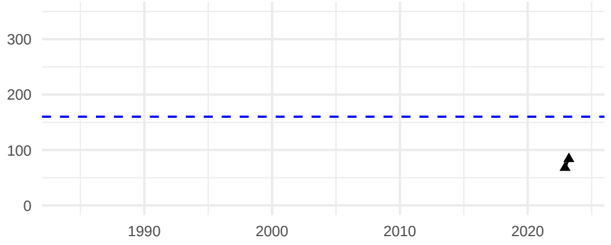
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



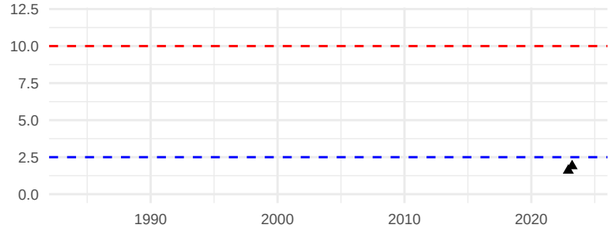
Total VOCs (ug/L) :



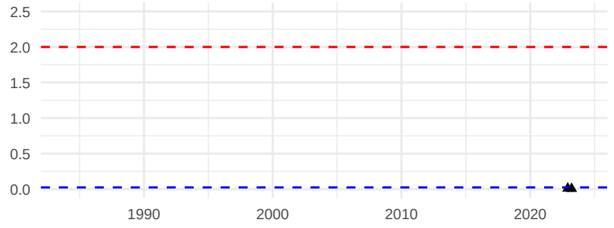
Specific Conductance (uS/cm) :



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



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



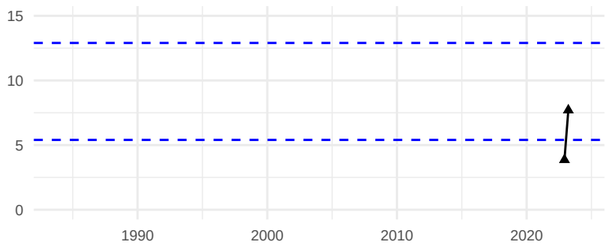
Result

- Detect
- Non−Detect

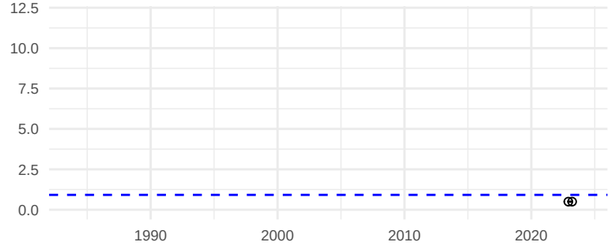
Standard

- AGQS
- SMCL
- Background

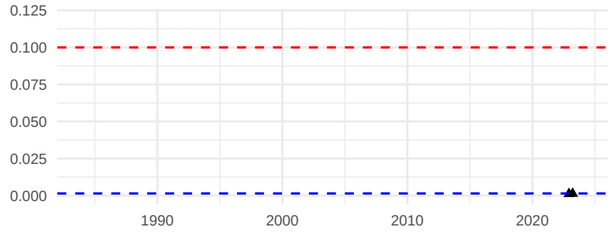
Temperature (C) :

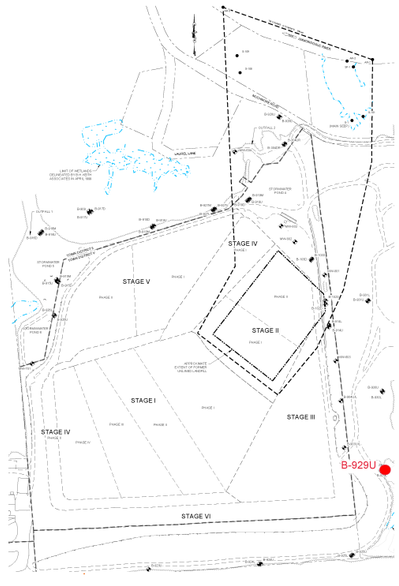


Total Kjeldahl Nitrogen (TKN) (mg/L) :

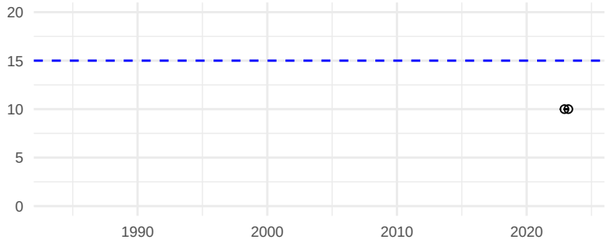


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

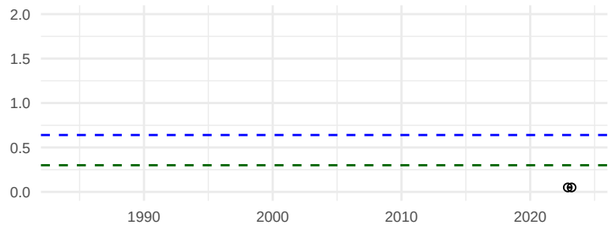




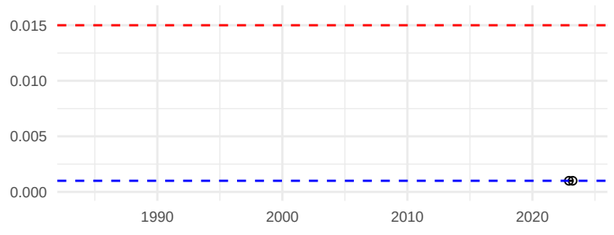
Chemical Oxygen Demand (mg/L) :



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

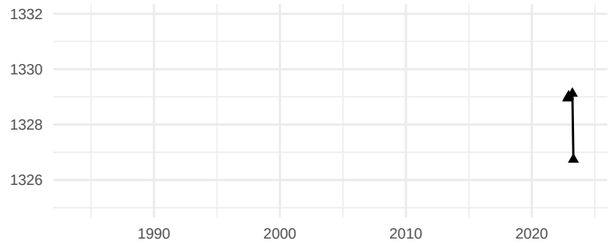


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

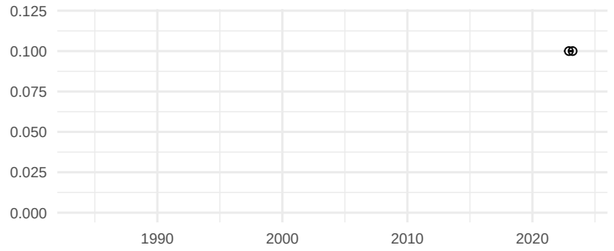


B−929L

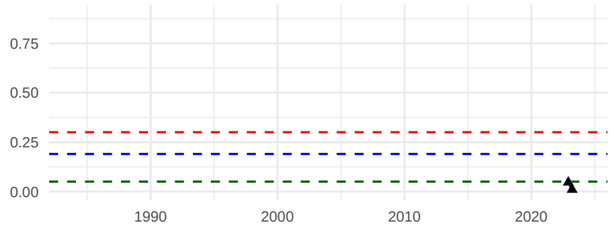
Groundwater Elevation (ft) :



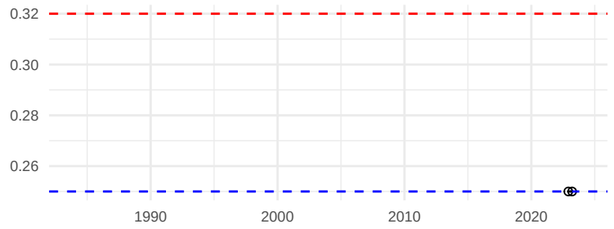
Bromide (mg/L) :



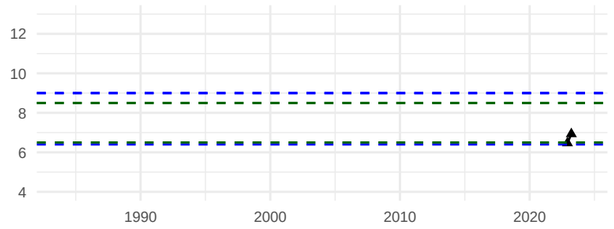
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



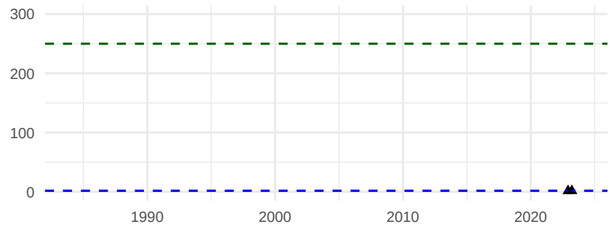
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



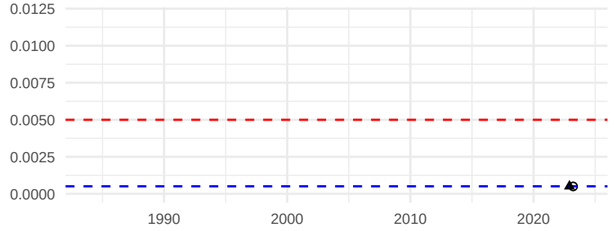
pH (SU) :
SMCL: 6.5 − 8.5 SU



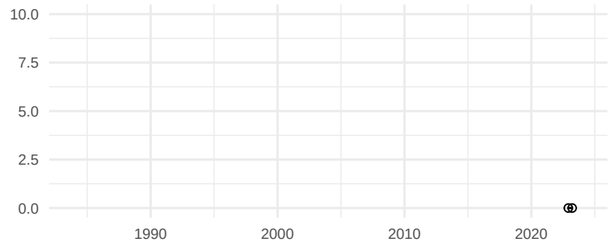
Chloride (mg/L) :
SMCL: 250 mg/L



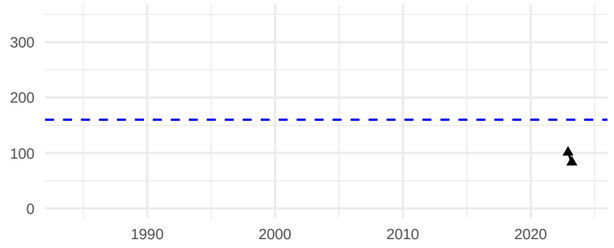
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



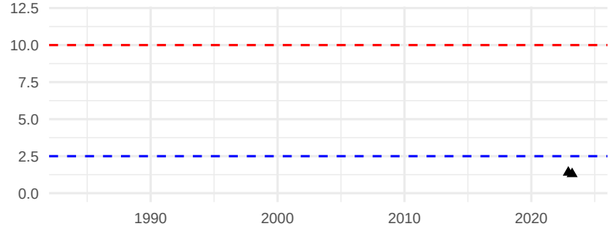
Total VOCs (ug/L) :



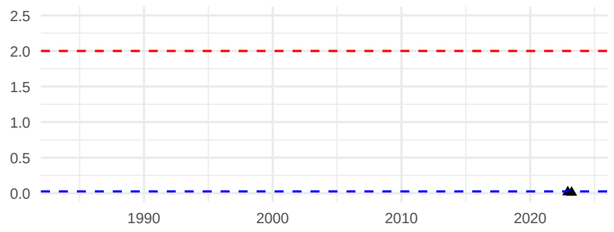
Specific Conductance (uS/cm) :



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



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



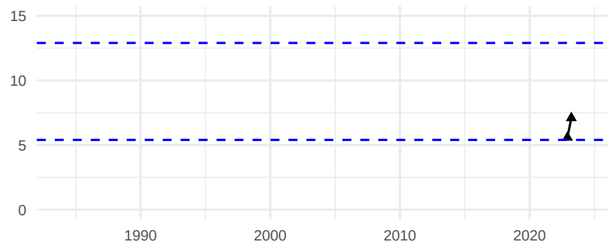
Result

- Detect
- Non−Detect

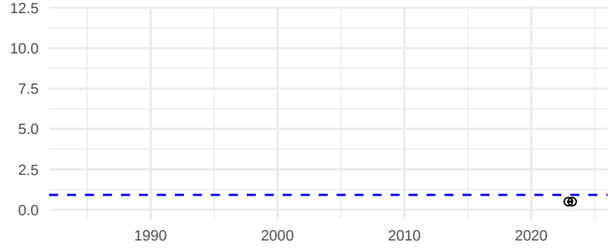
Standard

- AGQS
- SMCL
- Background

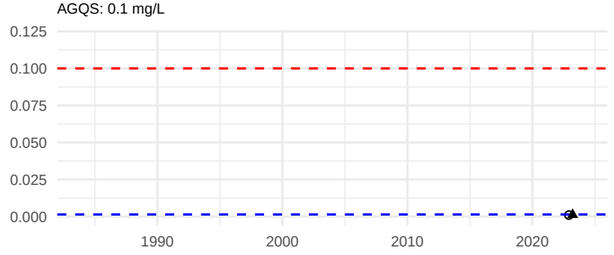
Temperature (C) :

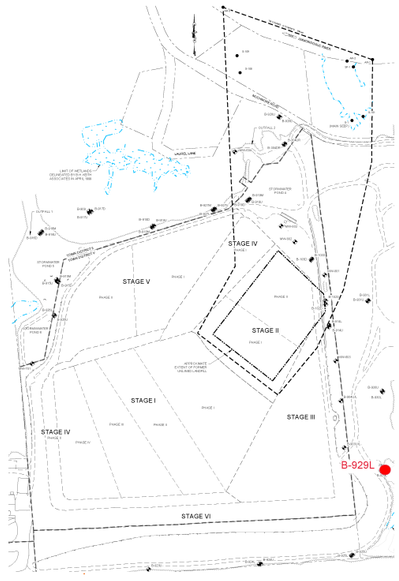


Total Kjeldahl Nitrogen (TKN) (mg/L) :

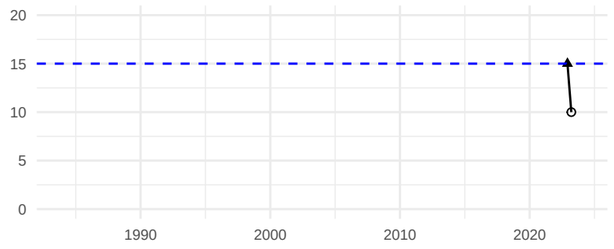


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

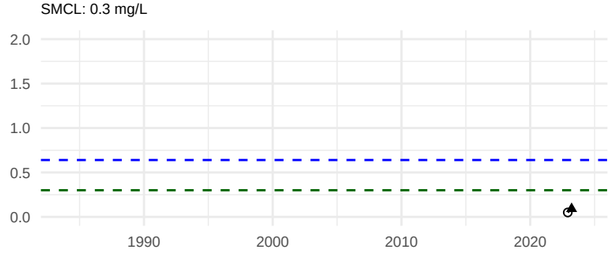




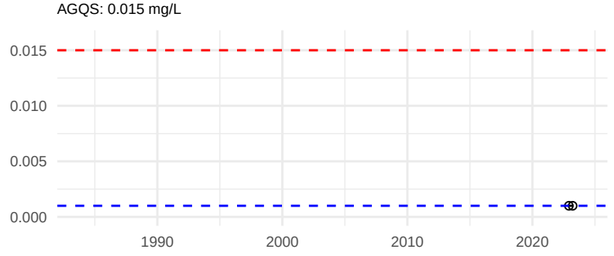
Chemical Oxygen Demand (mg/L) :



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



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

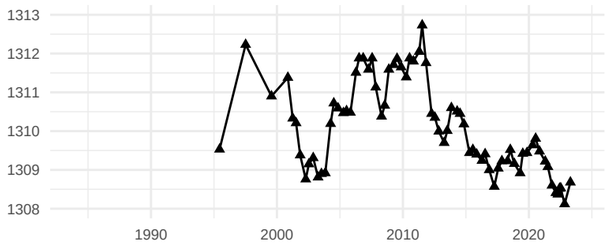


Release Detection Wells Outside the GMZ

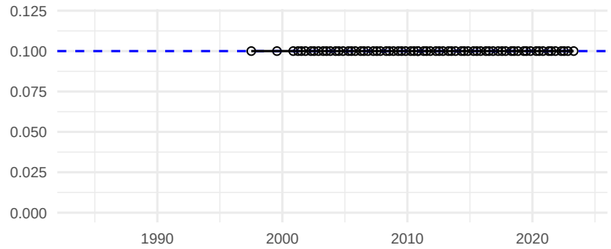
SANBORN HEAD

MW−603

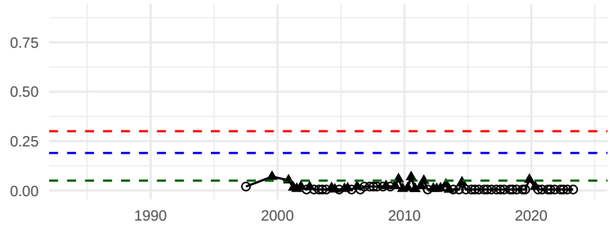
Groundwater Elevation (ft) :



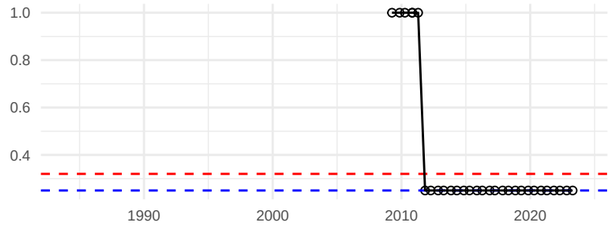
Bromide (mg/L) :



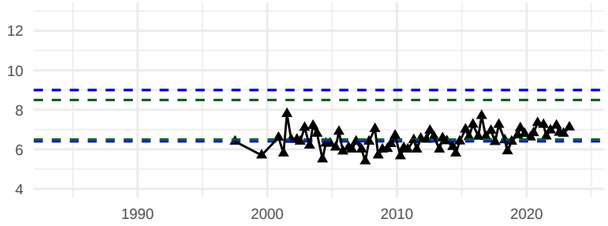
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



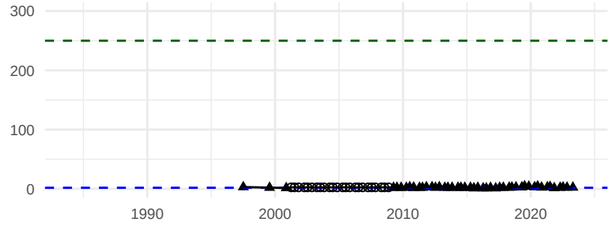
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



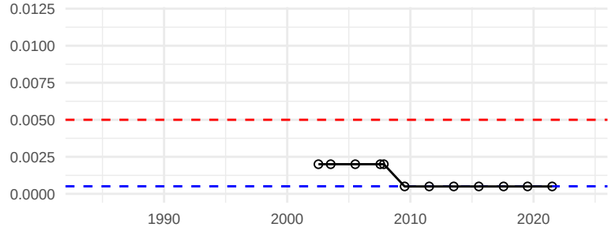
pH (SU) :
SMCL: 6.5 − 8.5 SU



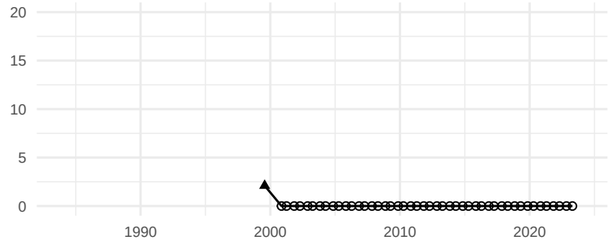
Chloride (mg/L) :
SMCL: 250 mg/L



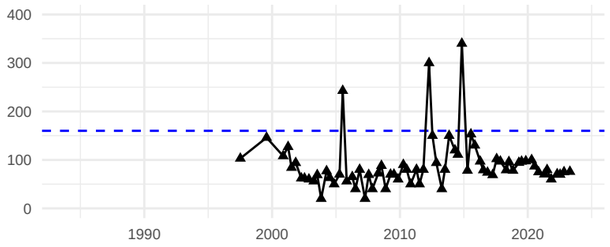
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



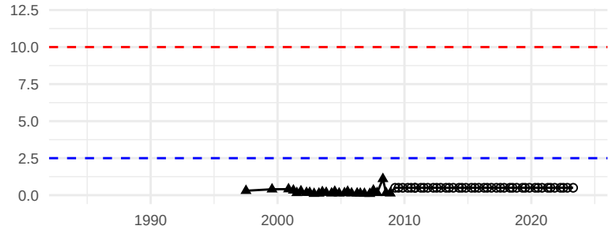
Total VOCs (ug/L) :



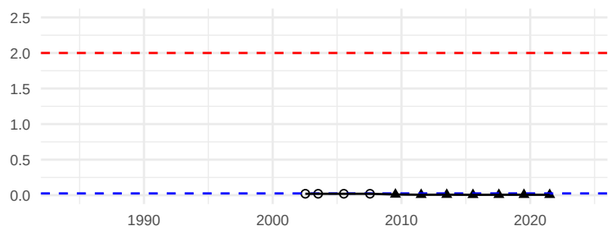
Specific Conductance (uS/cm) :



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



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



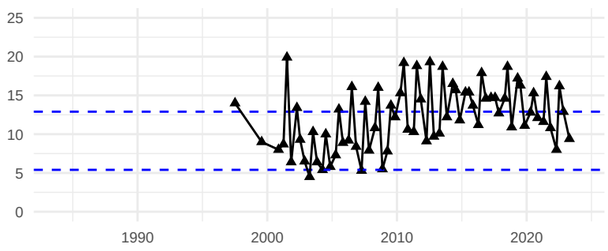
Result

- Detect
- Non−Detect

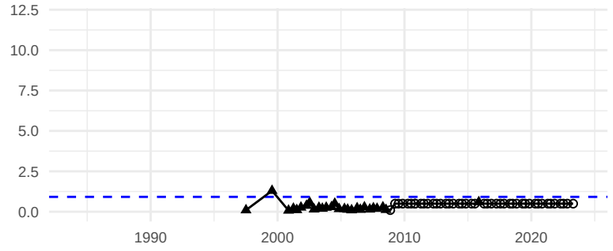
Standard

- AGQS
- SMCL
- Background

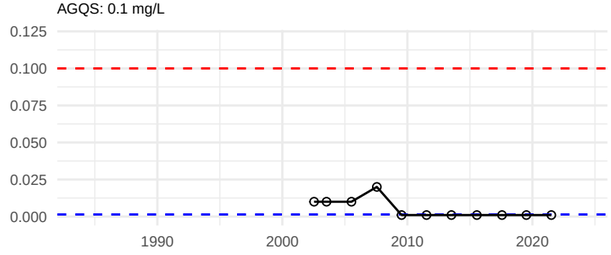
Temperature (C) :

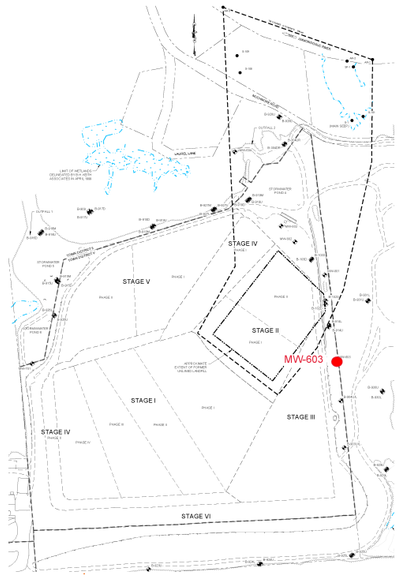


Total Kjeldahl Nitrogen (TKN) (mg/L) :

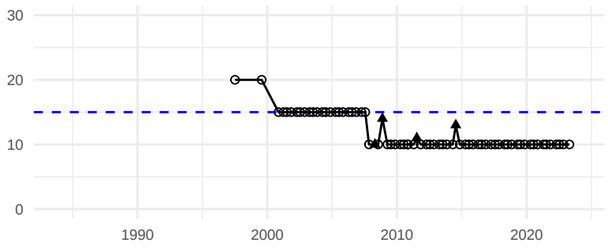


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

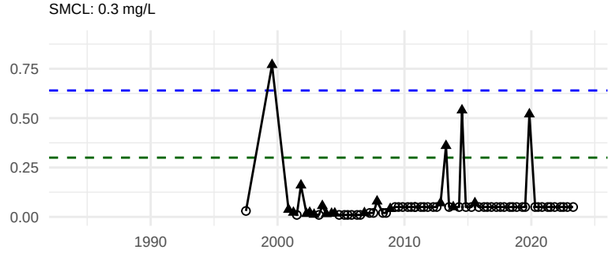




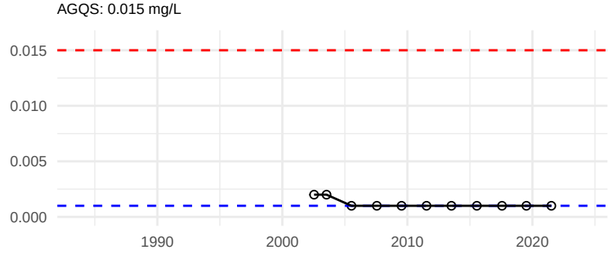
Chemical Oxygen Demand (mg/L) :



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

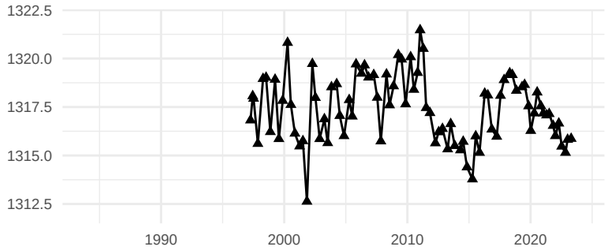


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

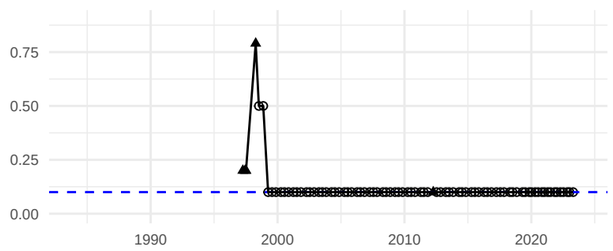


MW−701

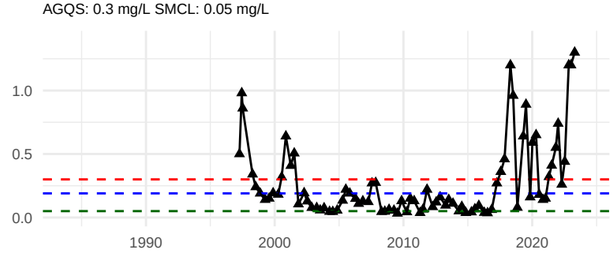
Groundwater Elevation (ft) :



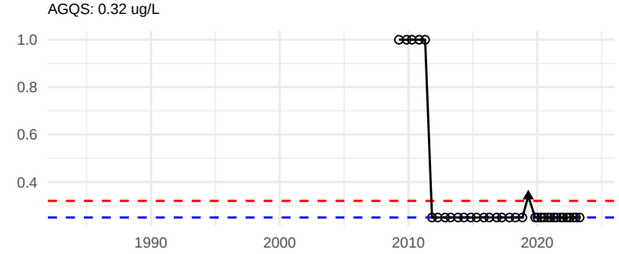
Bromide (mg/L) :



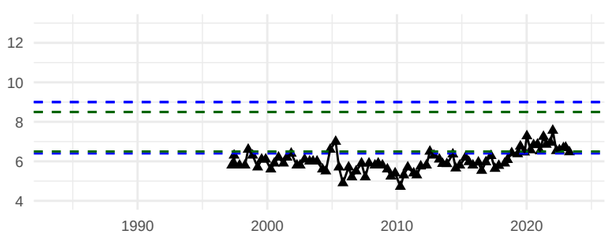
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



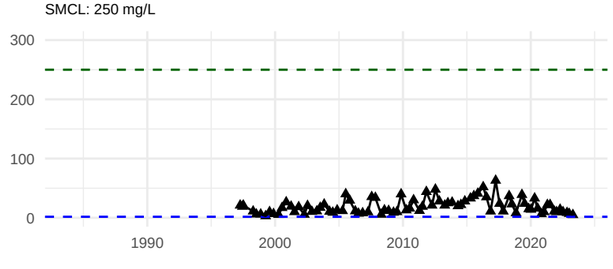
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



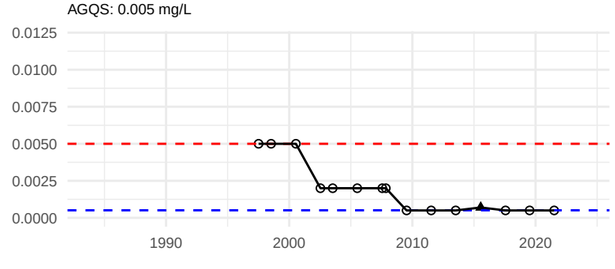
pH (SU) :
SMCL: 6.5 − 8.5 SU



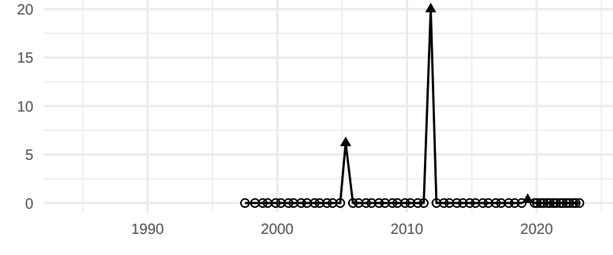
Chloride (mg/L) :
SMCL: 250 mg/L



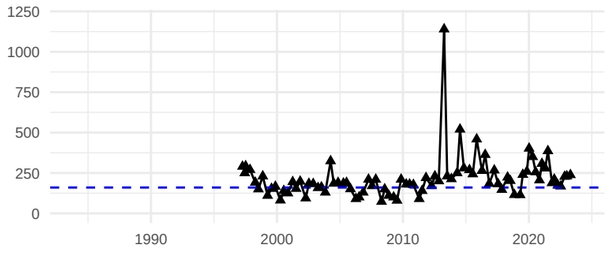
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



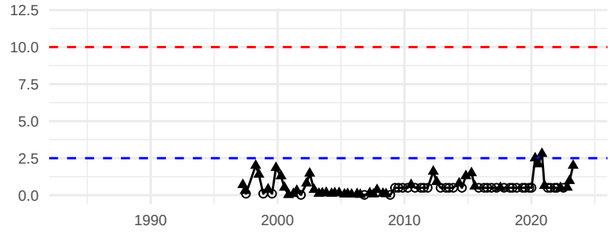
Total VOCs (ug/L) :



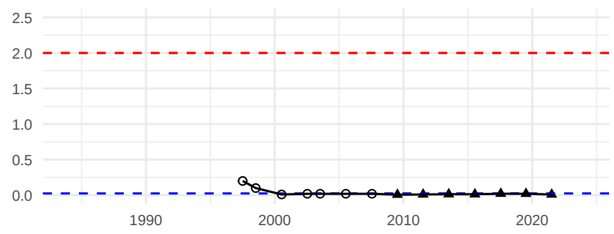
Specific Conductance (uS/cm) :



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



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



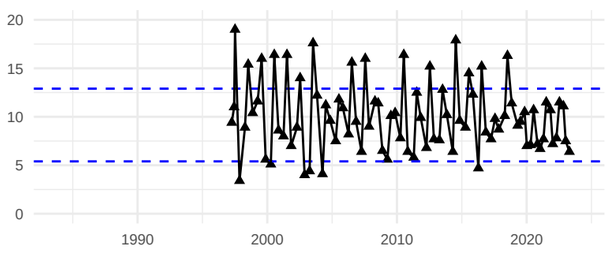
Result

- Detect
- Non−Detect

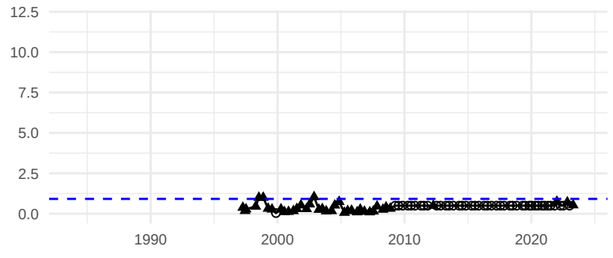
Standard

- AGQS
- SMCL
- Background

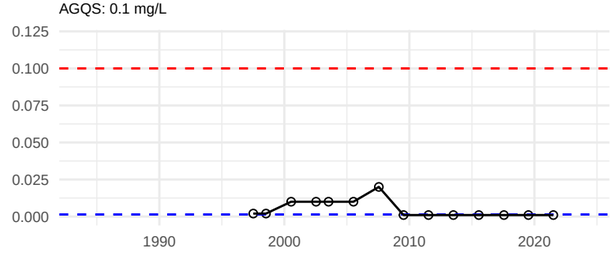
Temperature (C) :

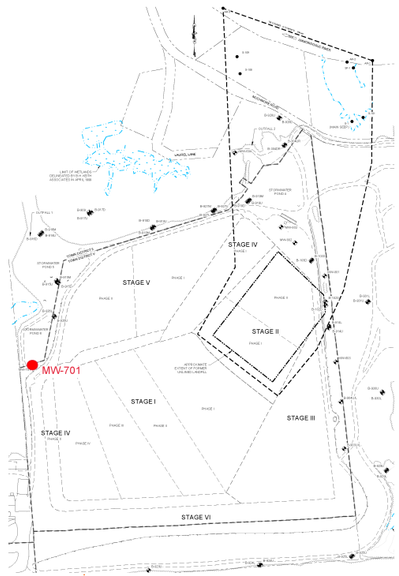


Total Kjeldahl Nitrogen (TKN) (mg/L) :

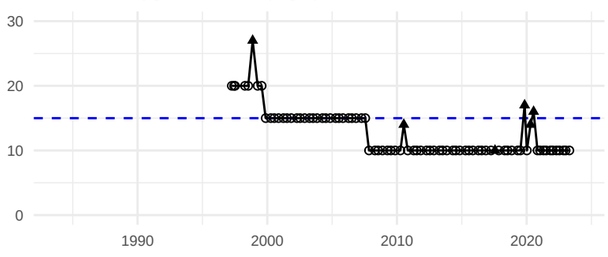


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

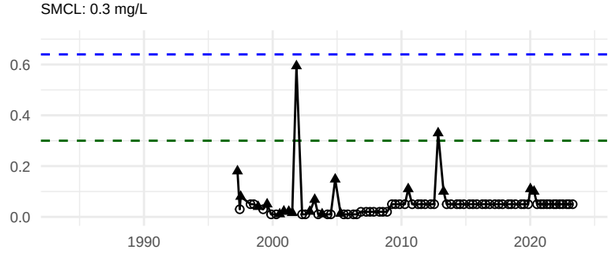




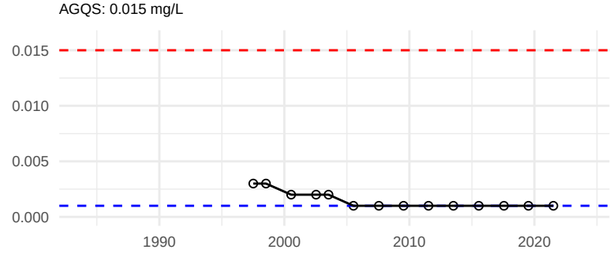
Chemical Oxygen Demand (mg/L) :



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

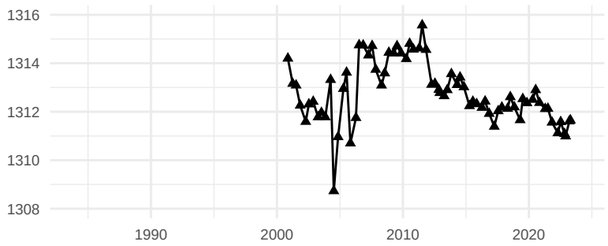


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

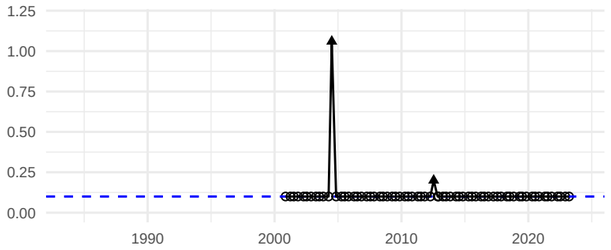


B−903U

Groundwater Elevation (ft) :

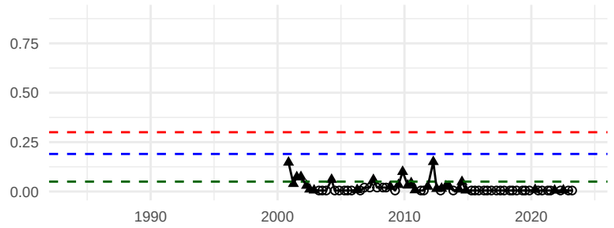


Bromide (mg/L) :



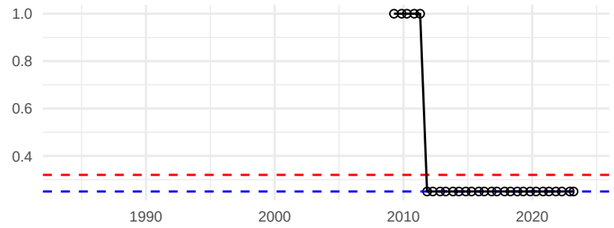
Dissolved Manganese (mg/L) :

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



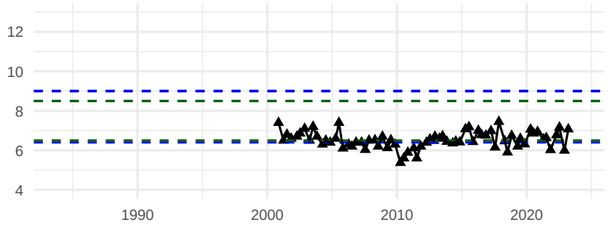
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



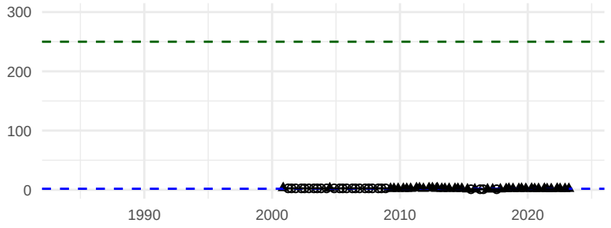
pH (SU) :

SMCL: 6.5 − 8.5 SU



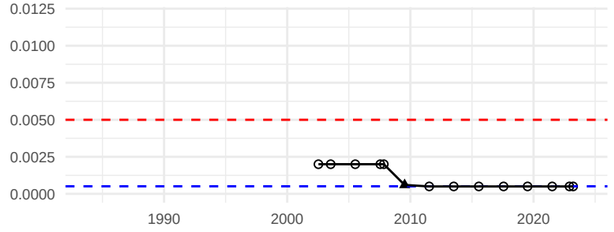
Chloride (mg/L) :

SMCL: 250 mg/L

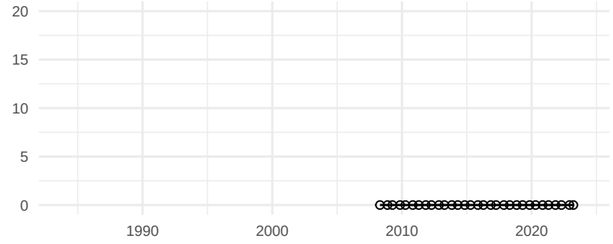


Dissolved Arsenic (mg/L) :

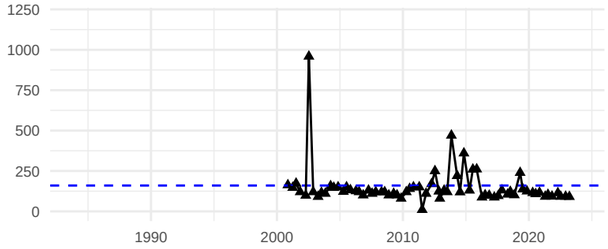
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

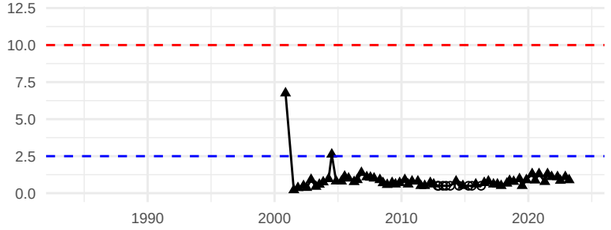


Specific Conductance (uS/cm) :



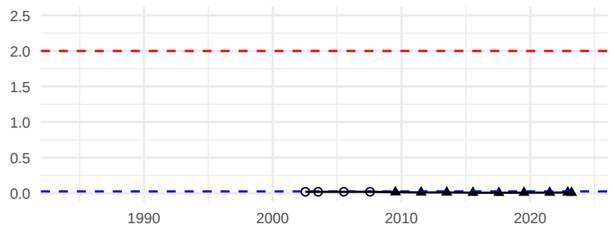
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



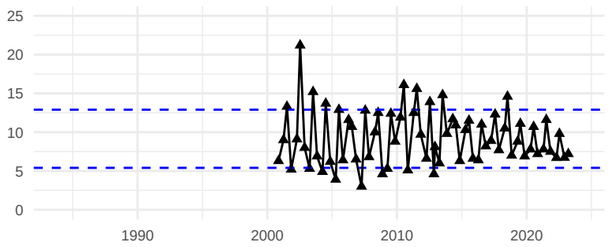
Result

- Detect
- Non−Detect

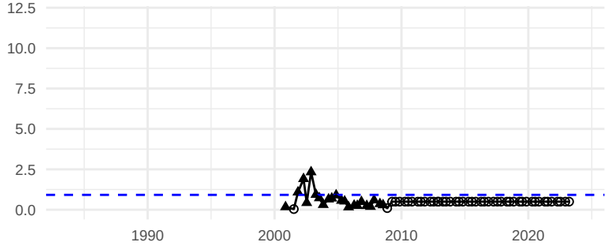
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

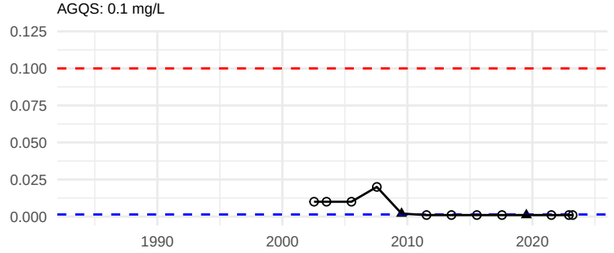


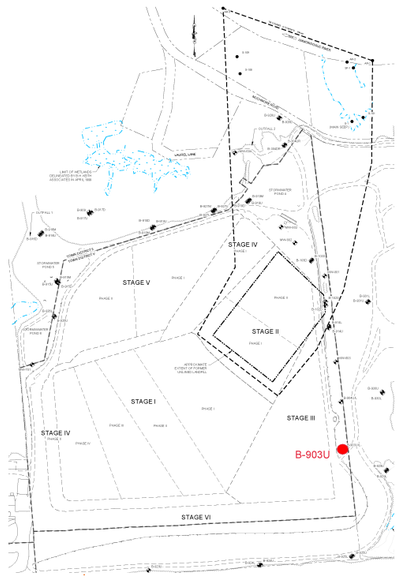
Total Kjeldahl Nitrogen (TKN) (mg/L) :



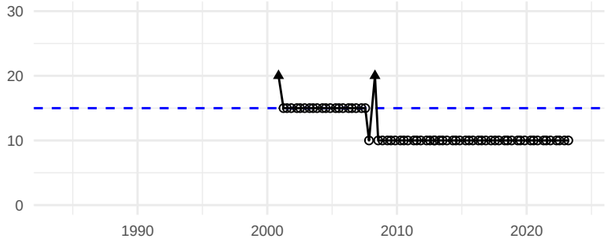
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



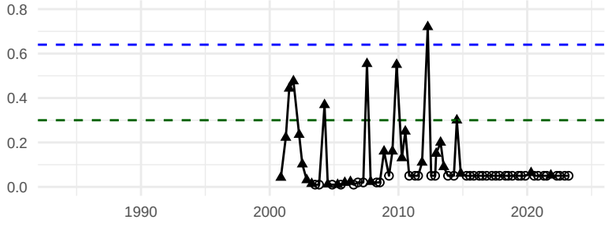


Chemical Oxygen Demand (mg/L) :



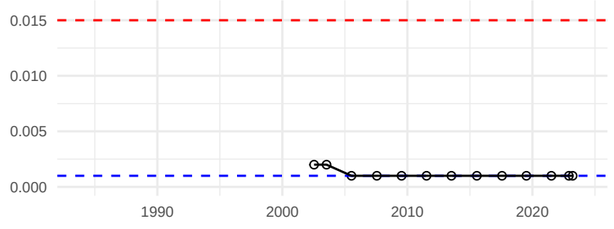
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



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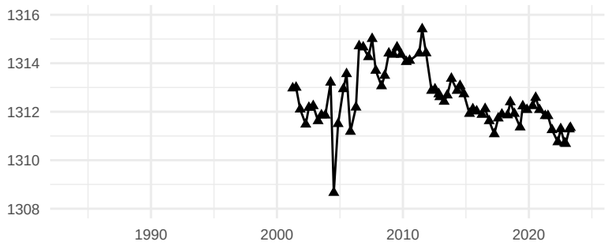
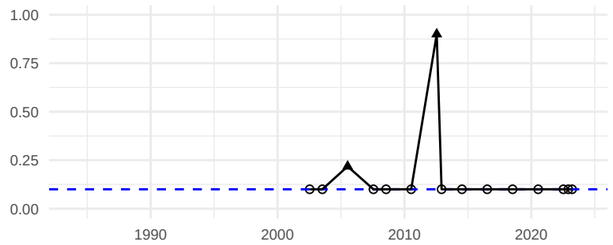
B−903L

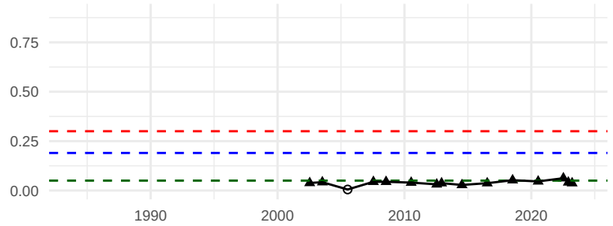
Groundwater Elevation (ft) :



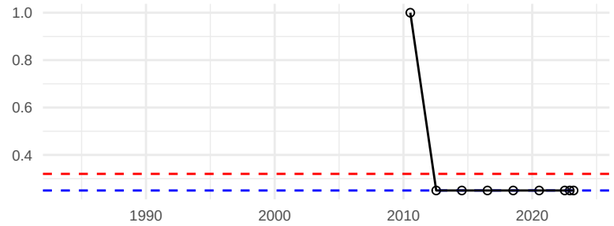
Bromide (mg/L) :



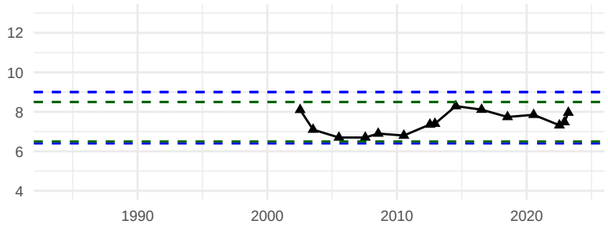
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



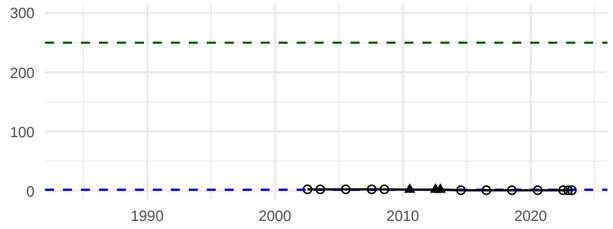
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



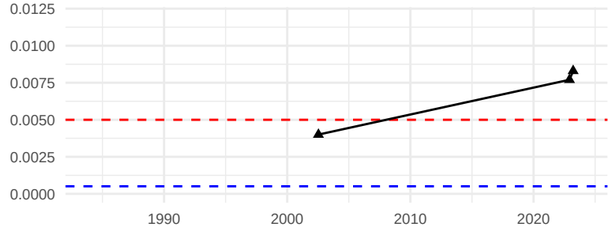
pH (SU) :
SMCL: 6.5 − 8.5 SU



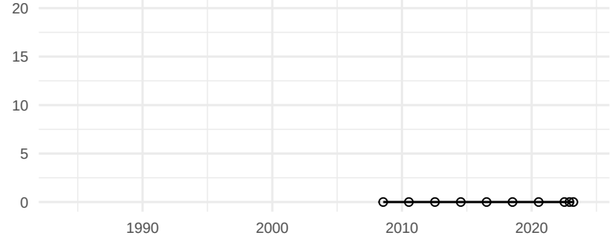
Chloride (mg/L) :
SMCL: 250 mg/L



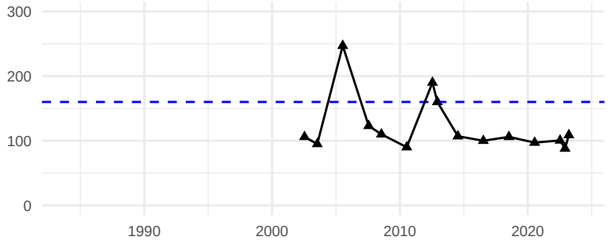
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



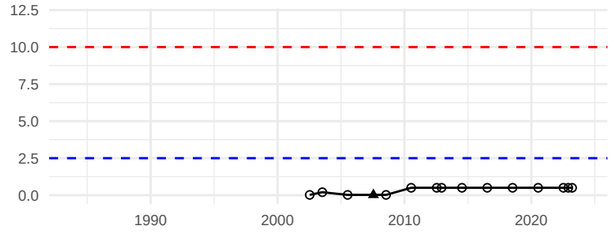
Total VOCs (ug/L) :



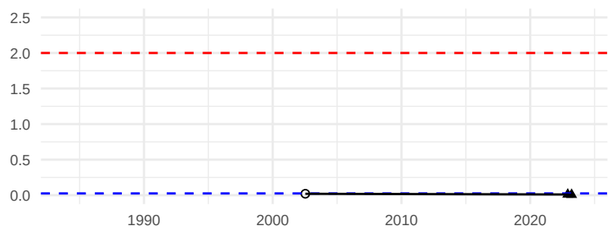
Specific Conductance (uS/cm) :



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



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



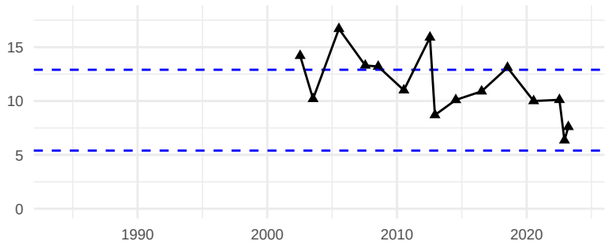
Result

- Detect
- Non−Detect

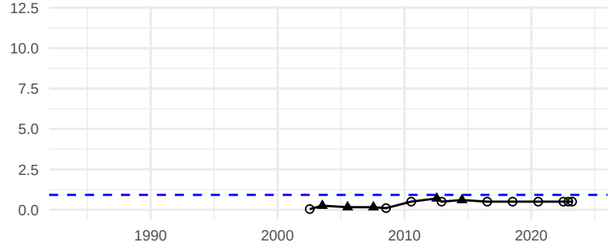
Standard

- AGQS
- SMCL
- Background

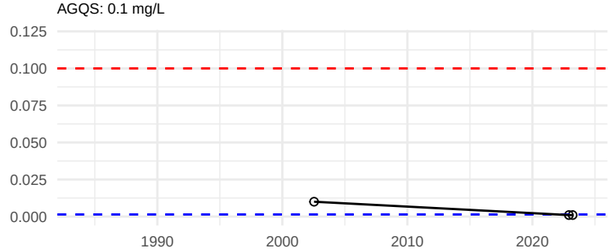
Temperature (C) :

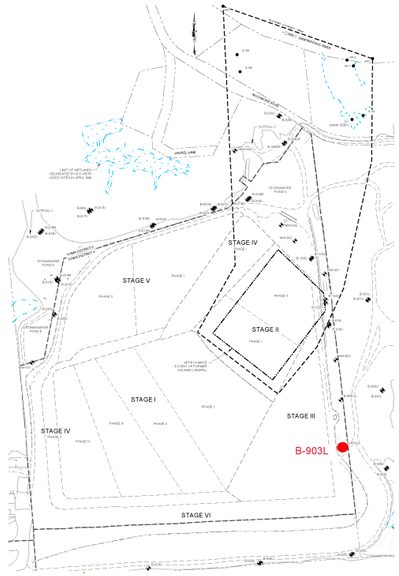


Total Kjeldahl Nitrogen (TKN) (mg/L) :

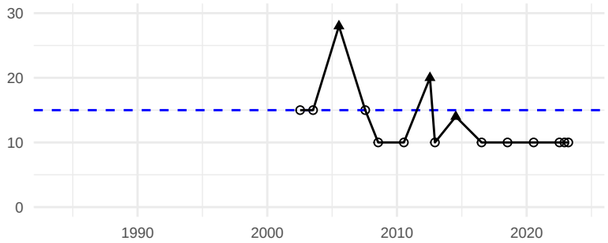


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

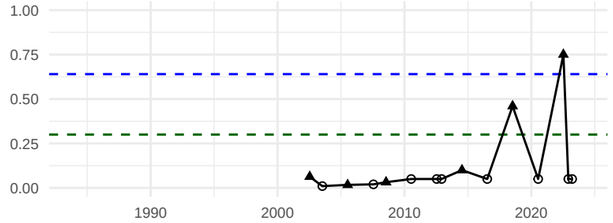




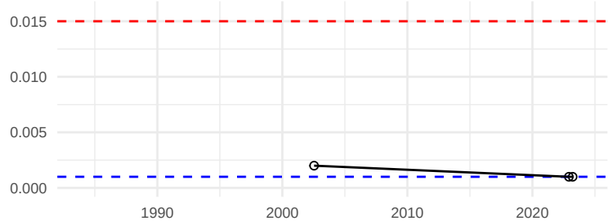
Chemical Oxygen Demand (mg/L) :



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

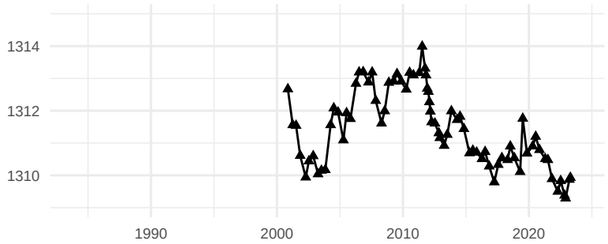


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

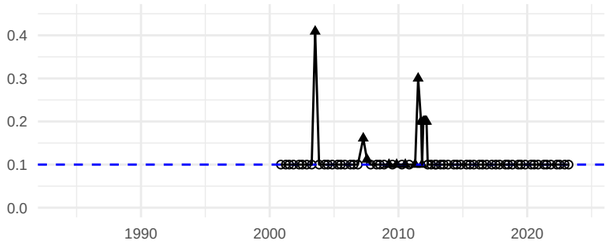


B−904U

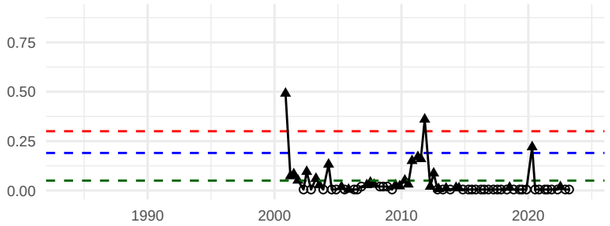
Groundwater Elevation (ft) :



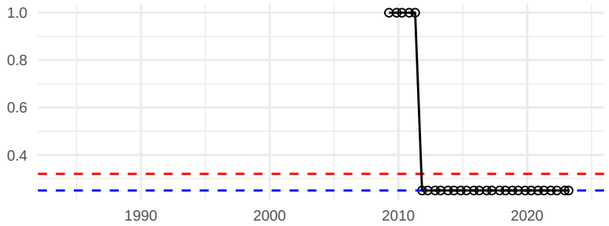
Bromide (mg/L) :



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

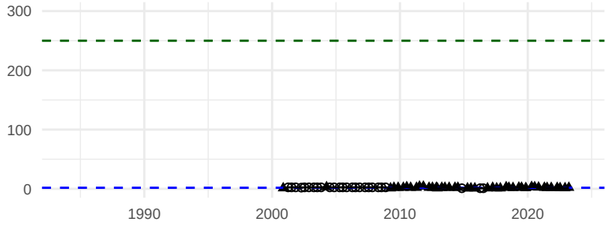


Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L

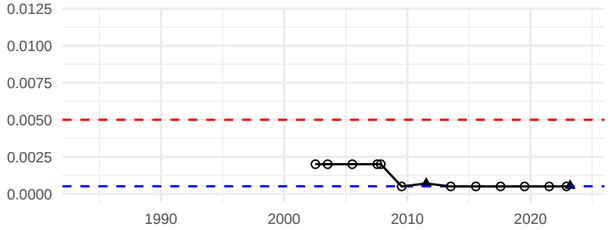


pH (SU) :
SMCL: 6.5 − 8.5 SU

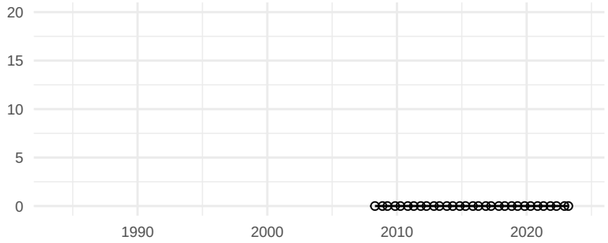
Chloride (mg/L) :
SMCL: 250 mg/L



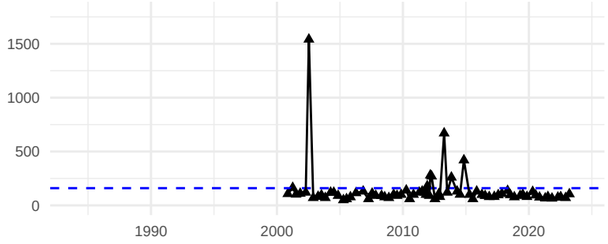
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



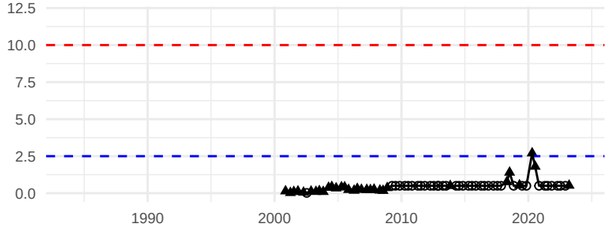
Total VOCs (ug/L) :



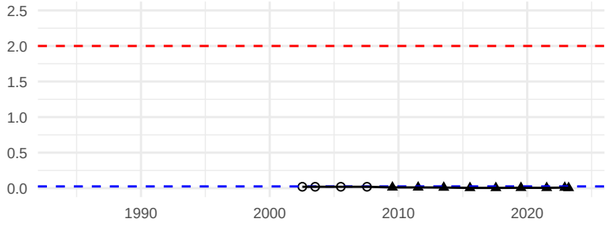
Specific Conductance (uS/cm) :



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



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



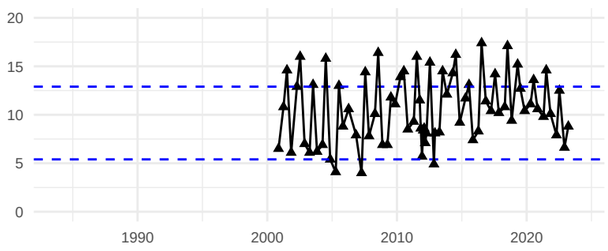
Result

- Detect
- Non−Detect

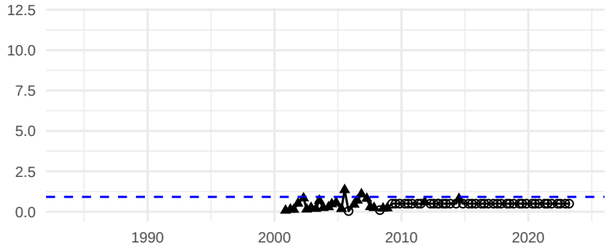
Standard

- AGQS
- SMCL
- Background

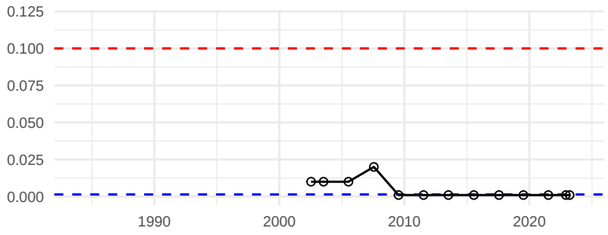
Temperature (C) :

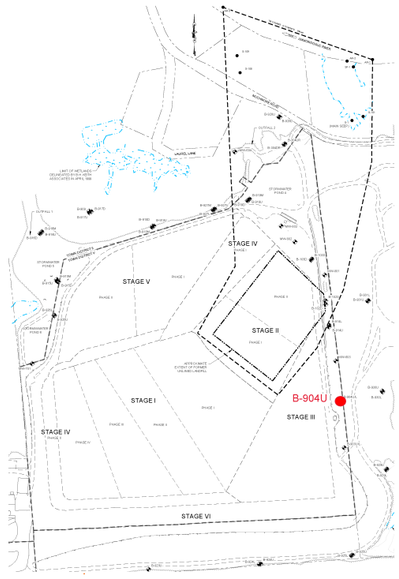


Total Kjeldahl Nitrogen (TKN) (mg/L) :

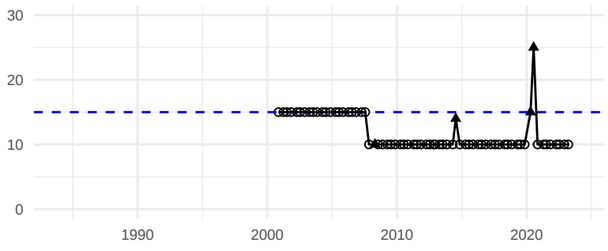


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

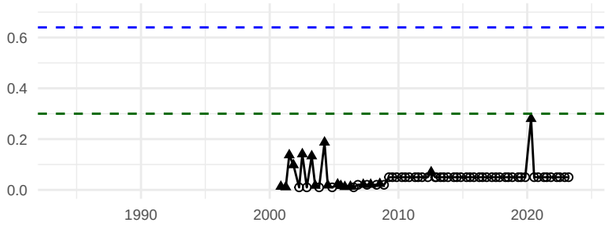




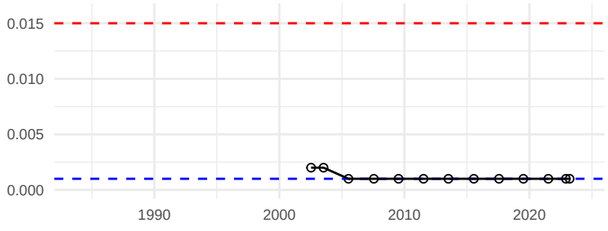
Chemical Oxygen Demand (mg/L) :



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



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



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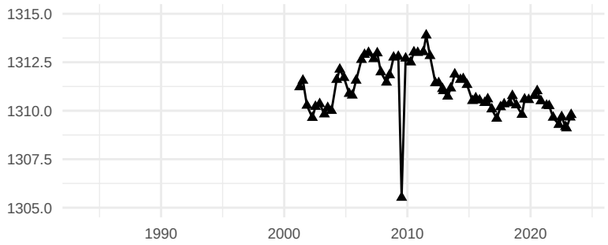
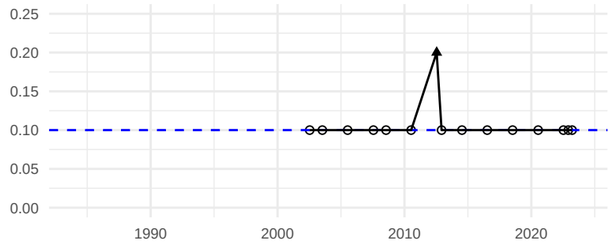
B−904L

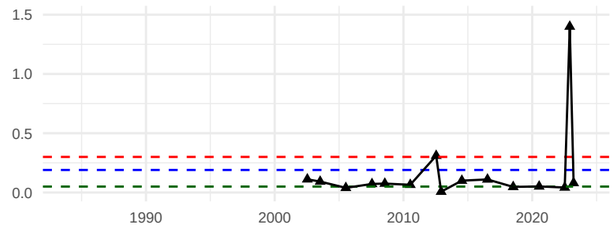
Groundwater Elevation (ft) :



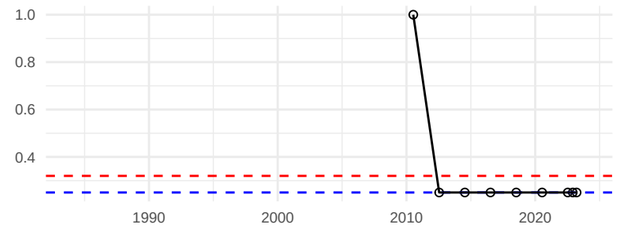
Bromide (mg/L) :



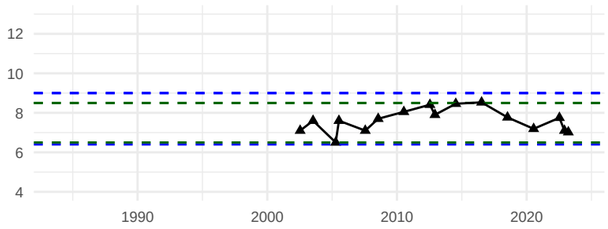
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



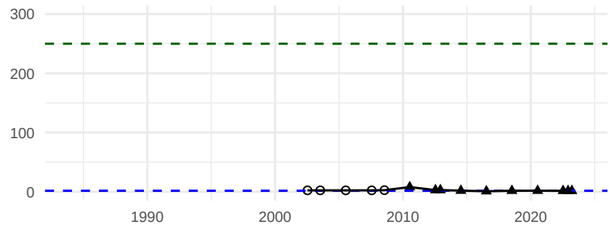
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



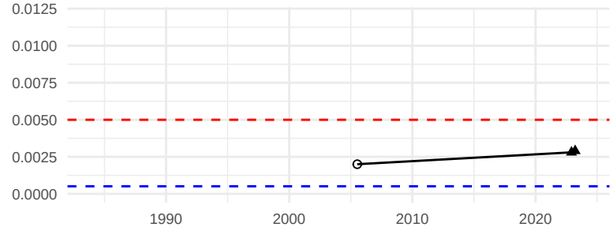
pH (SU) :
SMCL: 6.5 − 8.5 SU



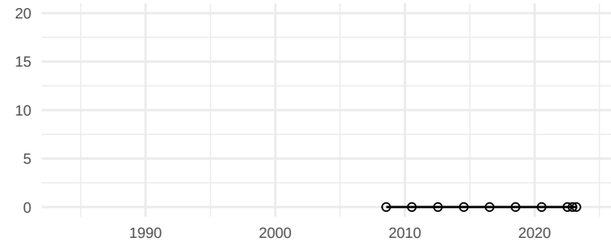
Chloride (mg/L) :
SMCL: 250 mg/L



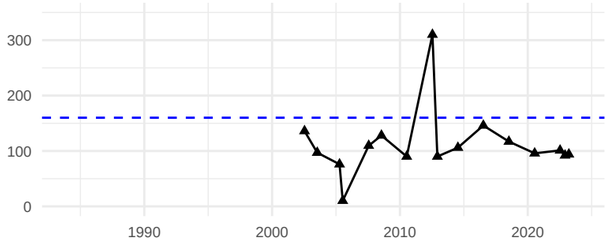
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



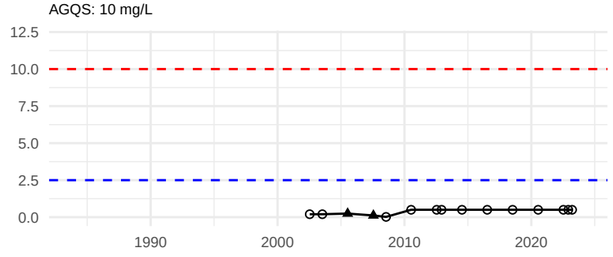
Total VOCs (ug/L) :



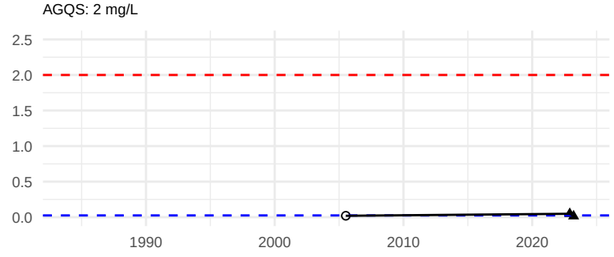
Specific Conductance (uS/cm) :



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



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



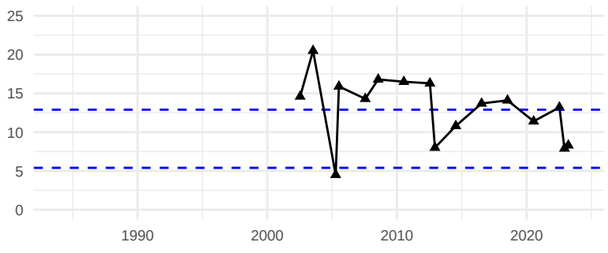
Result

- Detect
- Non−Detect

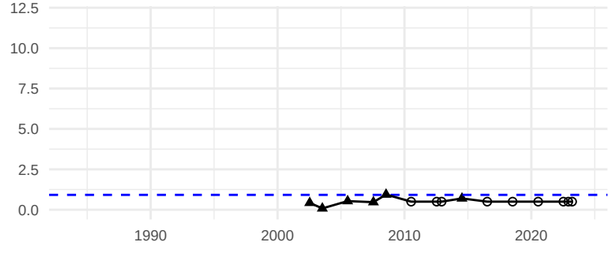
Standard

- AGQS
- SMCL
- Background

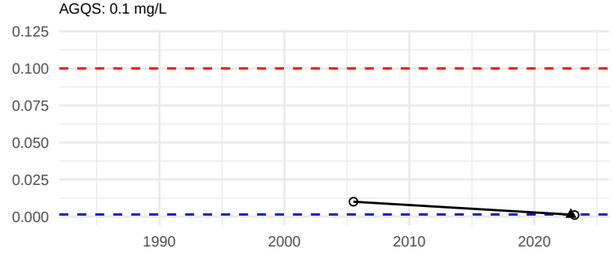
Temperature (C) :

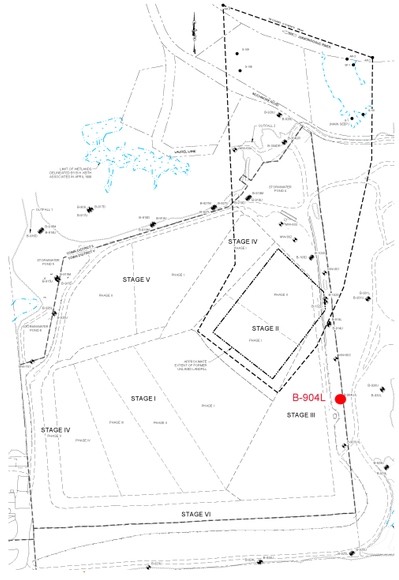


Total Kjeldahl Nitrogen (TKN) (mg/L) :

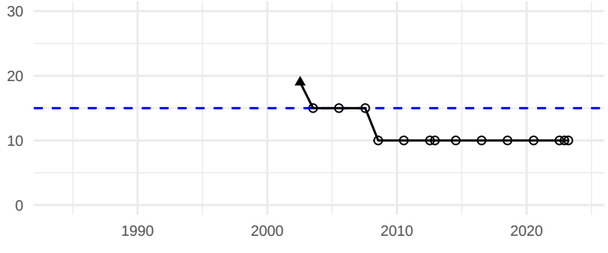


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

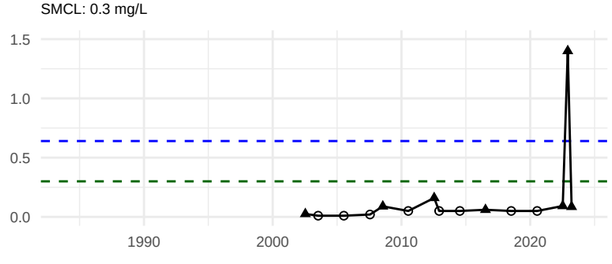




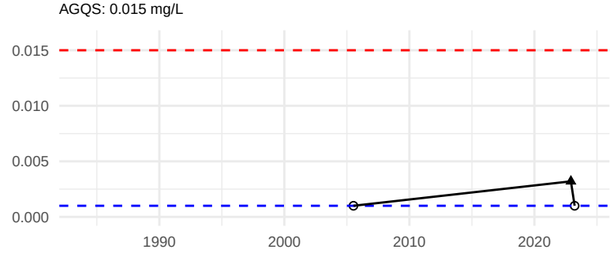
Chemical Oxygen Demand (mg/L) :



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

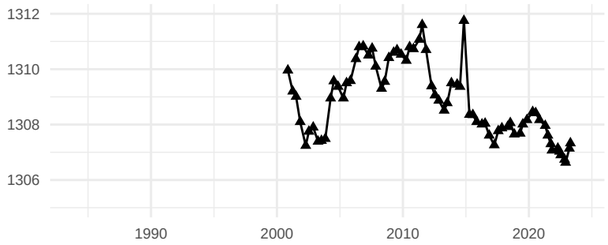


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

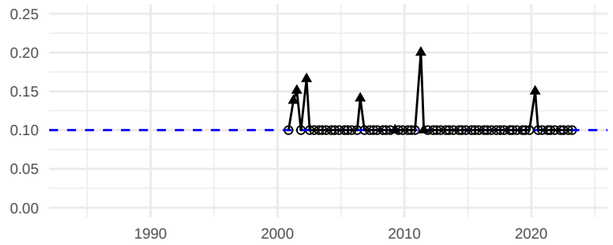


B−914U

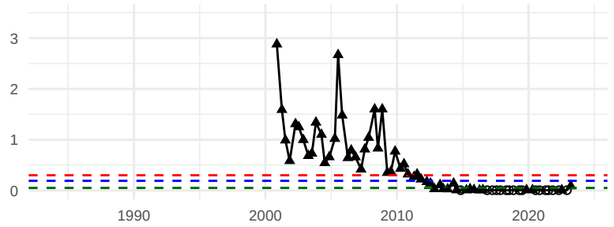
Groundwater Elevation (ft) :



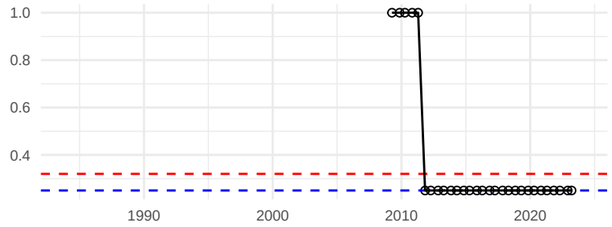
Bromide (mg/L) :



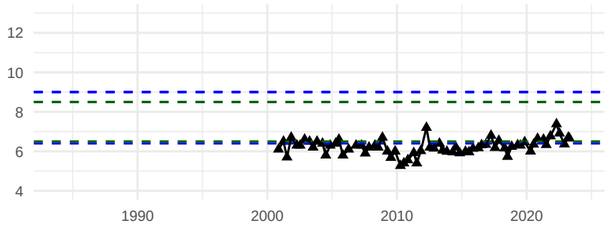
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



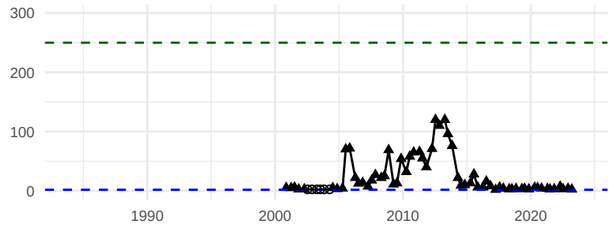
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



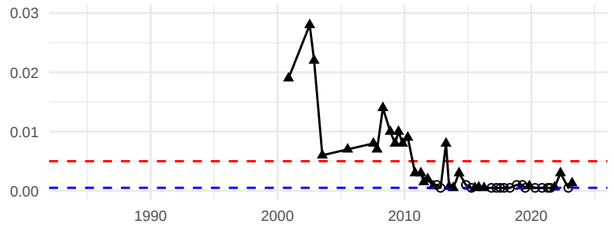
pH (SU) :
SMCL: 6.5 − 8.5 SU



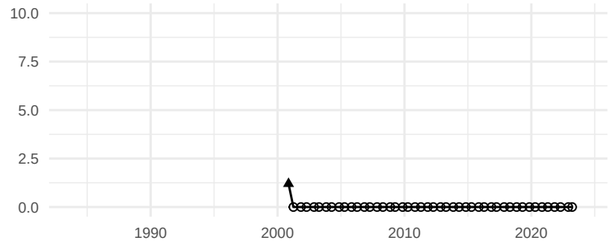
Chloride (mg/L) :
SMCL: 250 mg/L



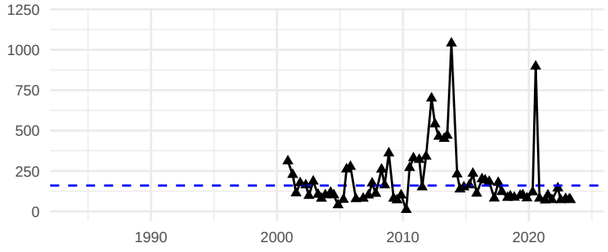
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



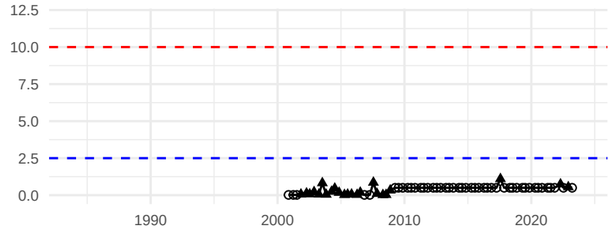
Total VOCs (ug/L) :



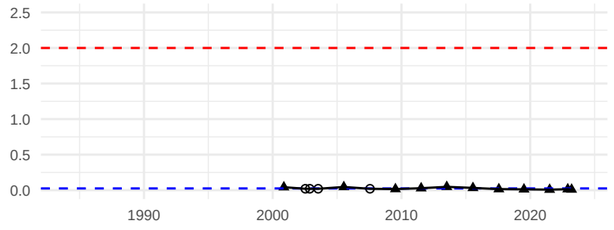
Specific Conductance (uS/cm) :



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



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



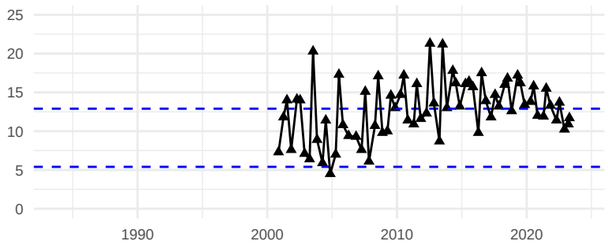
Result

- Detect
- Non−Detect

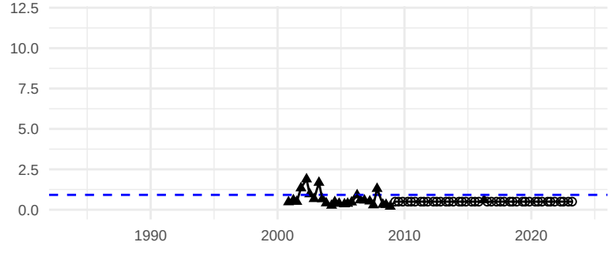
Standard

- AGQS
- SMCL
- Background

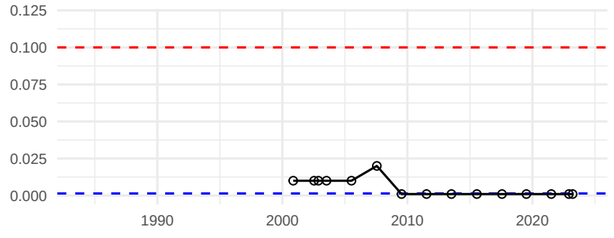
Temperature (C) :

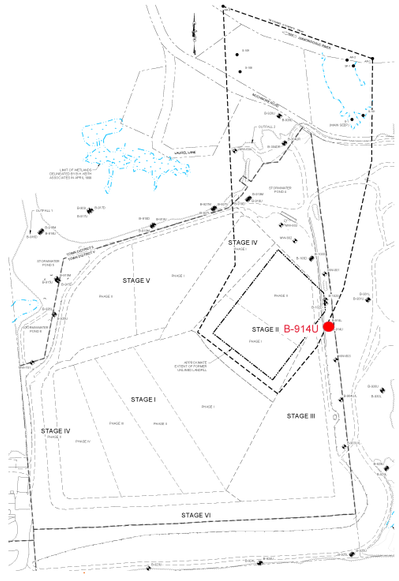


Total Kjeldahl Nitrogen (TKN) (mg/L) :

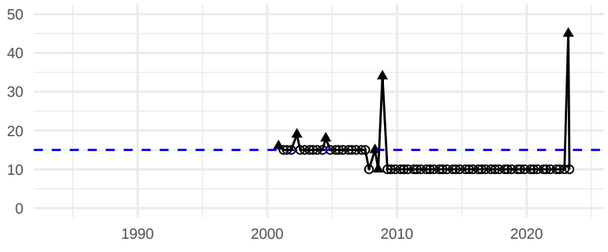


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

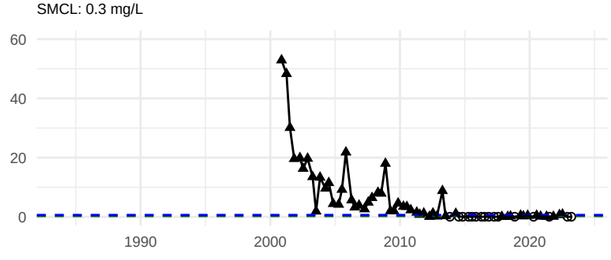




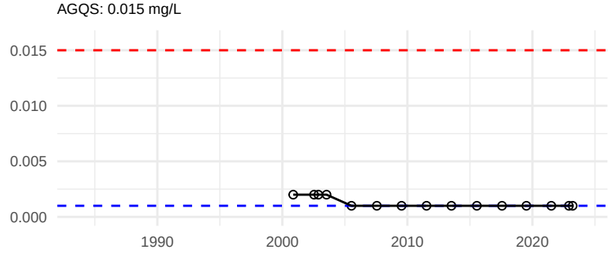
Chemical Oxygen Demand (mg/L) :



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



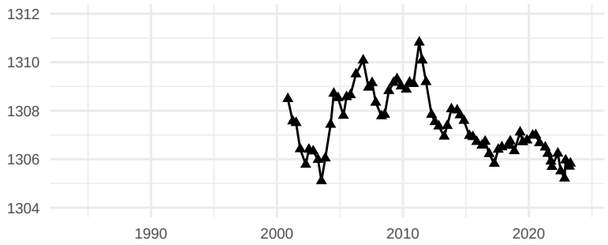
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



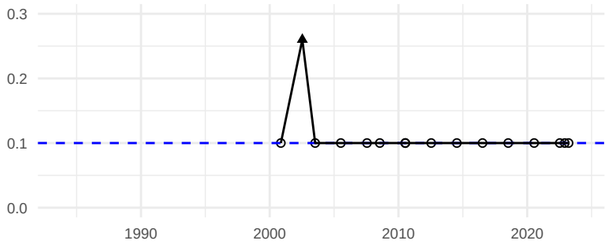
Sanborn, Head & Associates, Inc.

B−914L

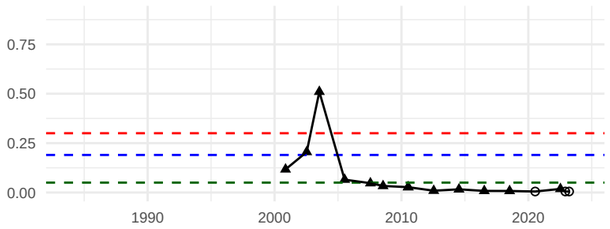
Groundwater Elevation (ft) :



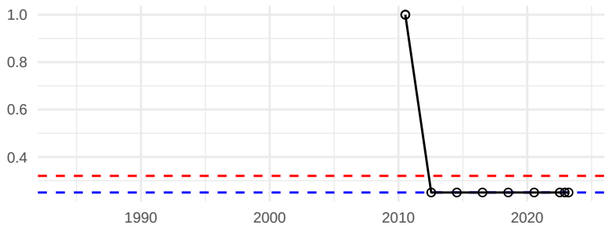
Bromide (mg/L) :



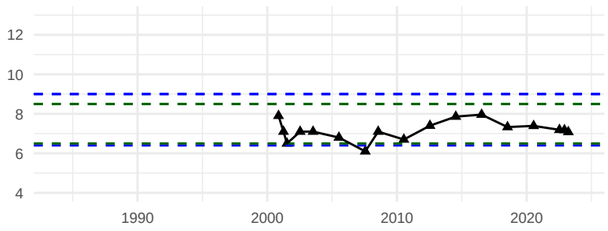
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



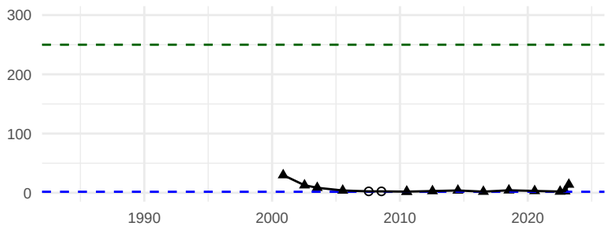
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



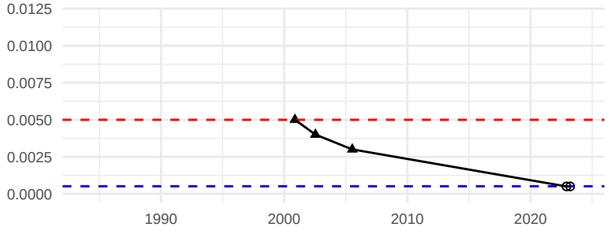
pH (SU) :
SMCL: 6.5 − 8.5 SU



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

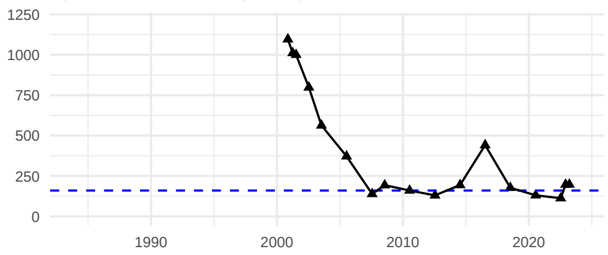


Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L

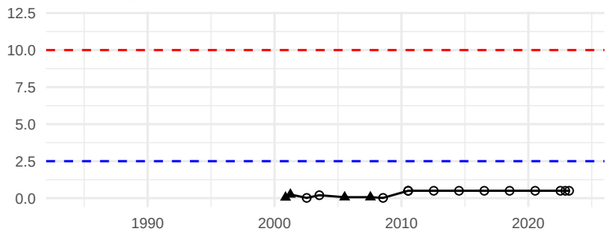


Total VOCs (ug/L) :

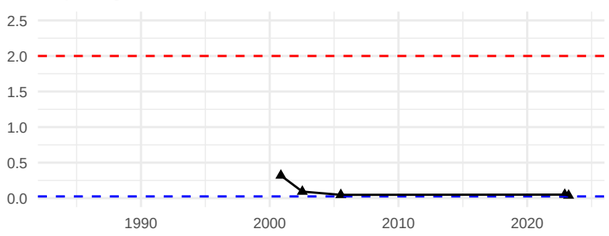
Specific Conductance (uS/cm) :



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



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



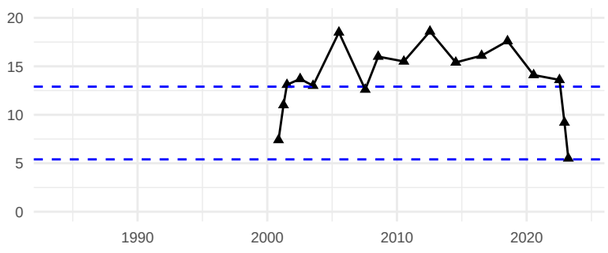
Result

- Detect
- Non−Detect

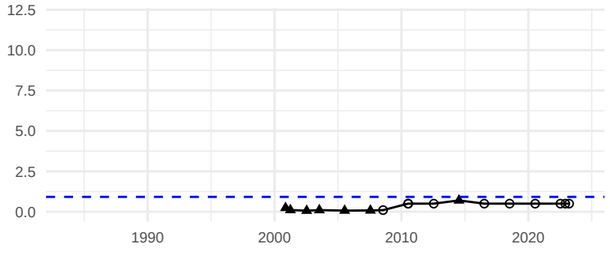
Standard

- AGQS
- SMCL
- Background

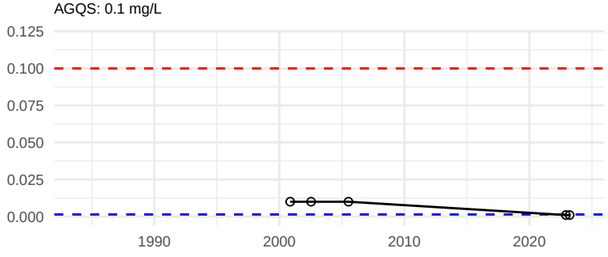
Temperature (C) :

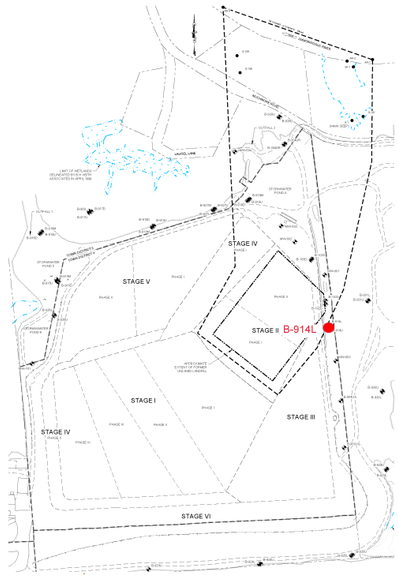


Total Kjeldahl Nitrogen (TKN) (mg/L) :

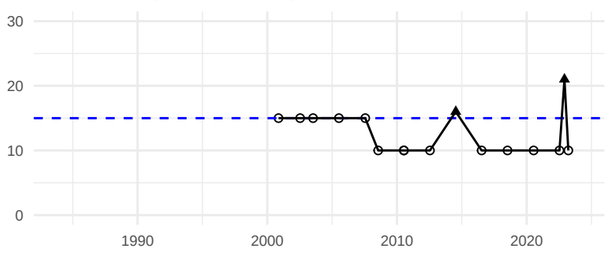


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

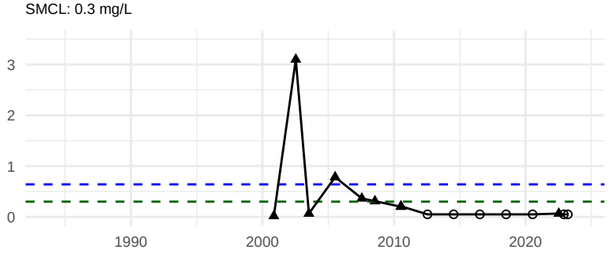




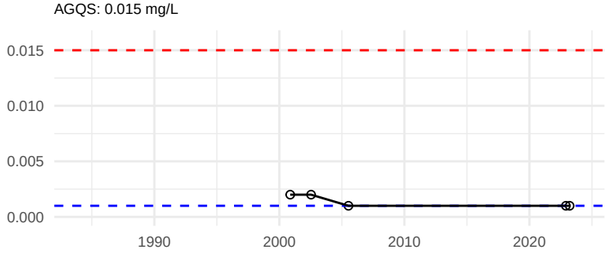
Chemical Oxygen Demand (mg/L) :



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

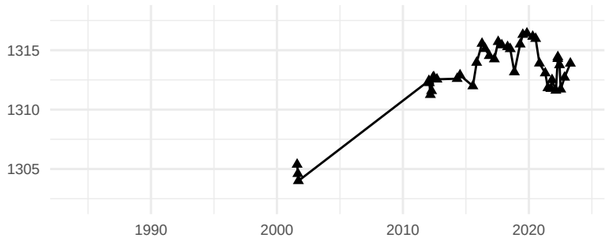


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

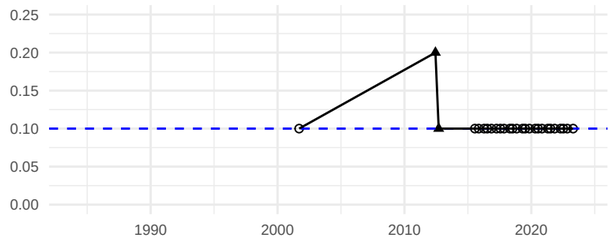


B−915U

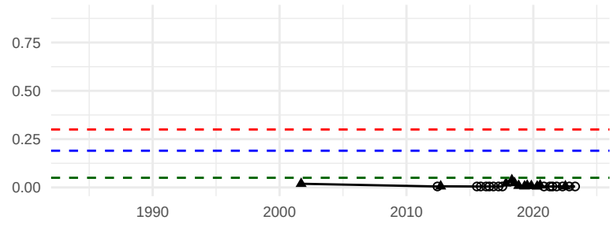
Groundwater Elevation (ft) :



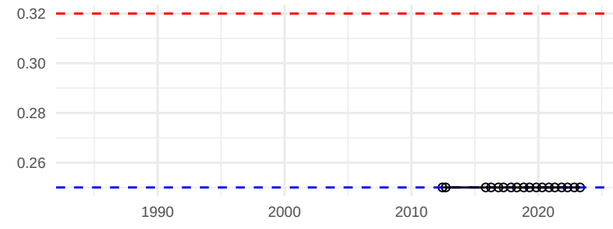
Bromide (mg/L) :



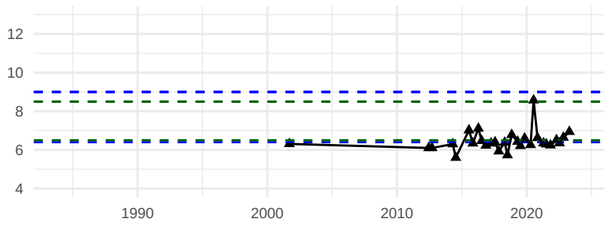
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



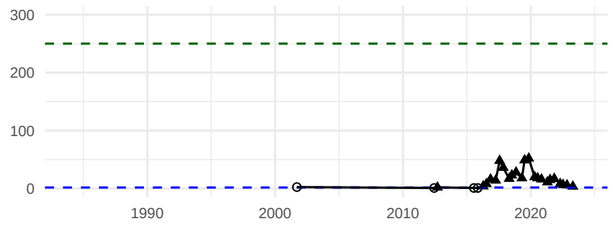
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



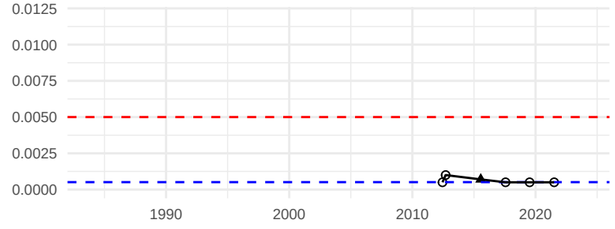
pH (SU) :
SMCL: 6.5 − 8.5 SU



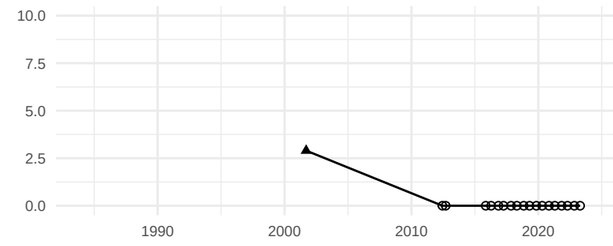
Chloride (mg/L) :
SMCL: 250 mg/L



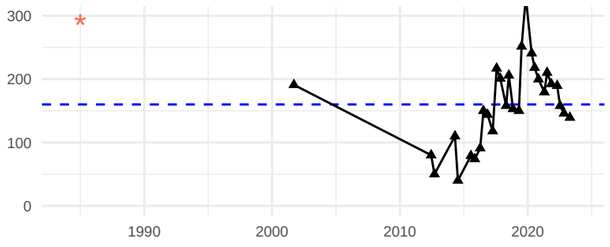
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



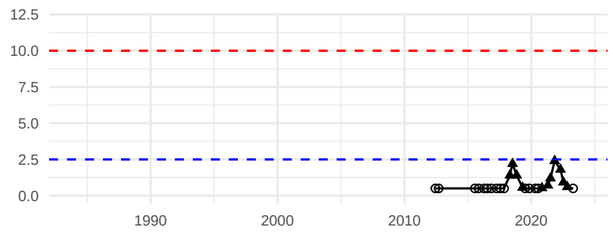
Total VOCs (ug/L) :



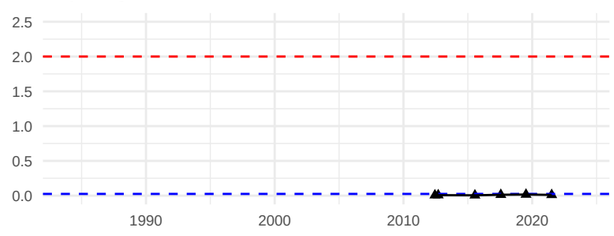
Specific Conductance (uS/cm) :



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



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



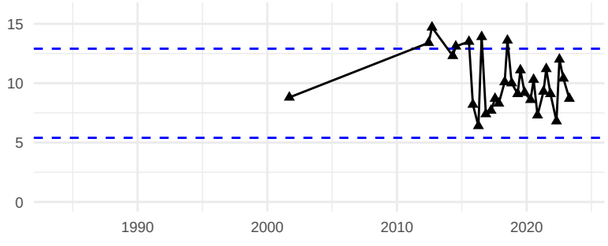
Result

- Detect
- Non−Detect

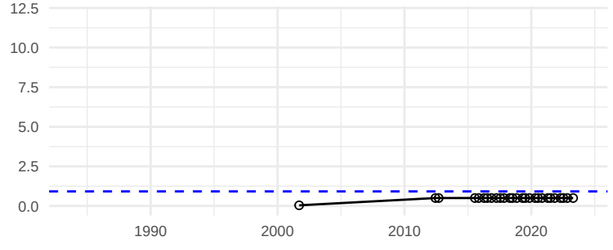
Standard

- AGQS
- SMCL
- Background

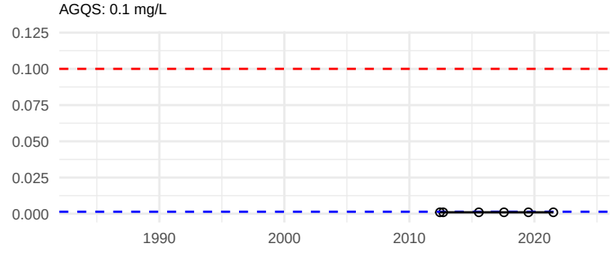
Temperature (C) :

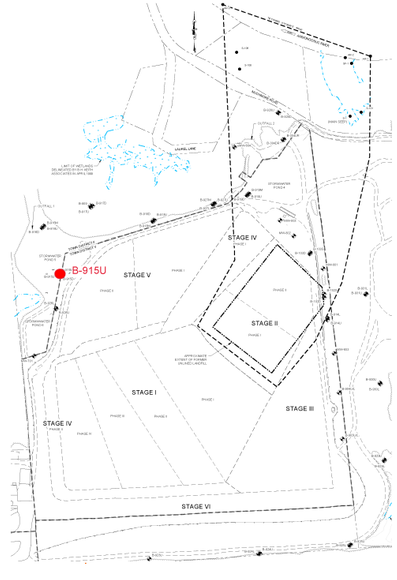


Total Kjeldahl Nitrogen (TKN) (mg/L) :

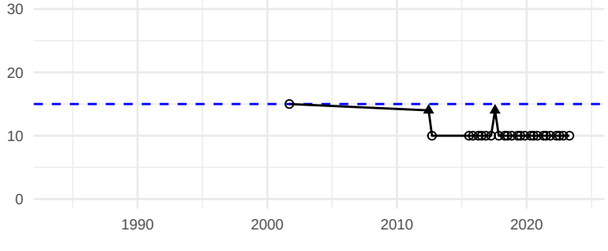


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

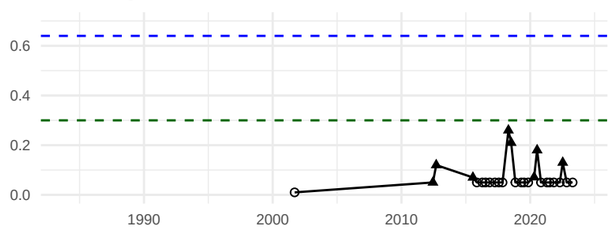




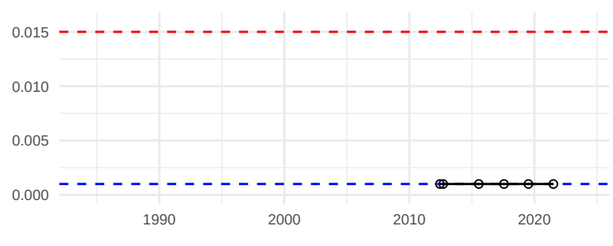
Chemical Oxygen Demand (mg/L) :



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

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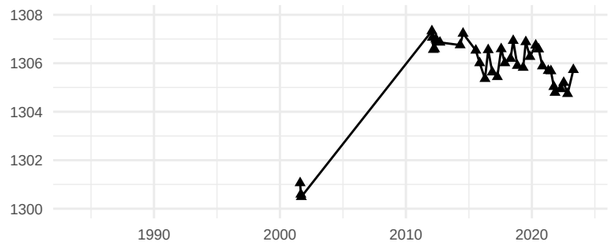
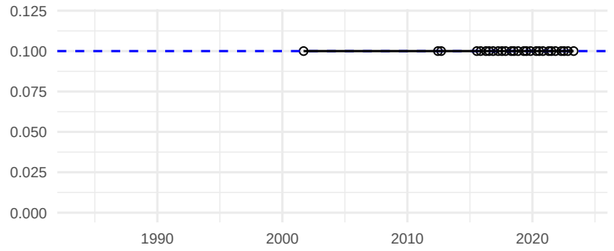
Groundwater Elevation (ft) :

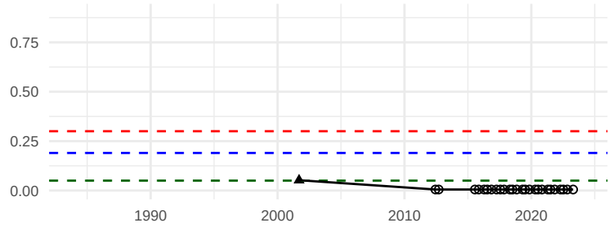


Bromide (mg/L) :



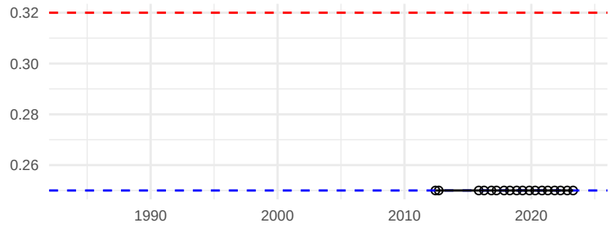
Dissolved Manganese (mg/L) :

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



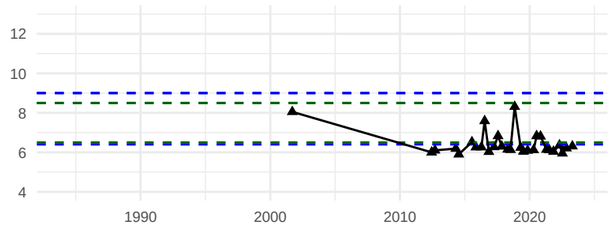
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



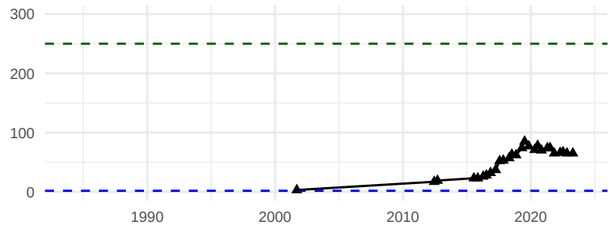
pH (SU) :

SMCL: 6.5 − 8.5 SU



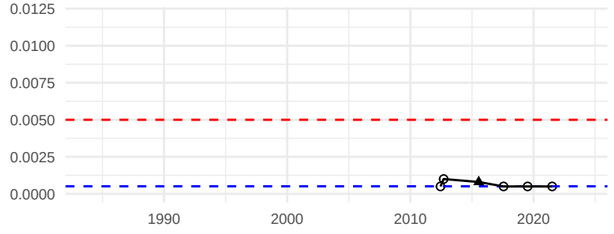
Chloride (mg/L) :

SMCL: 250 mg/L

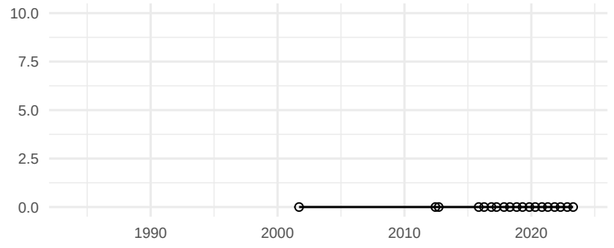


Dissolved Arsenic (mg/L) :

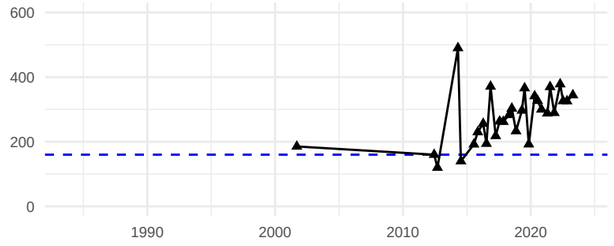
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

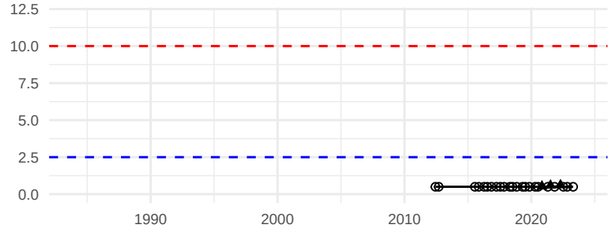


Specific Conductance (uS/cm) :



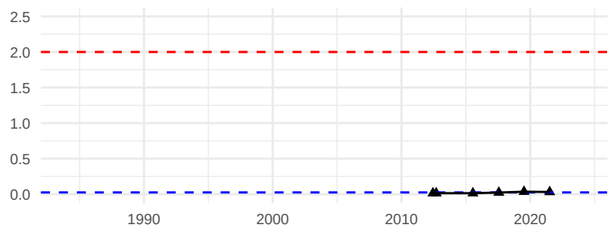
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



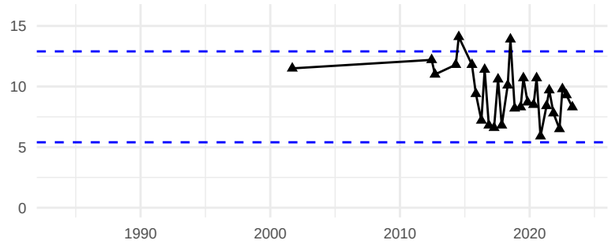
Result

- Detect
- Non−Detect

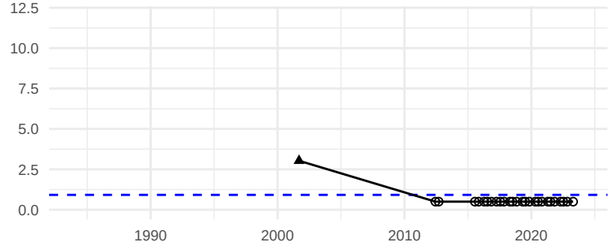
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

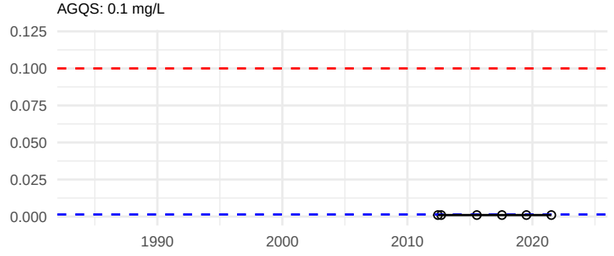


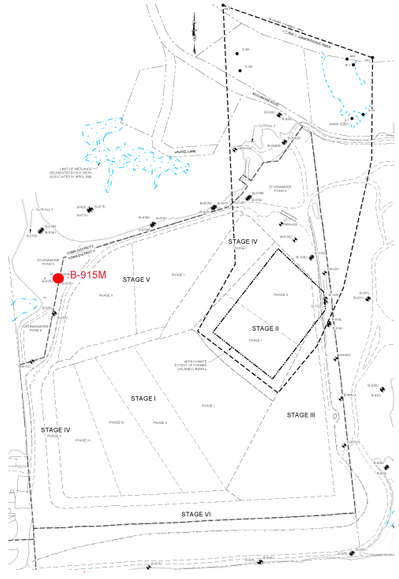
Total Kjeldahl Nitrogen (TKN) (mg/L) :



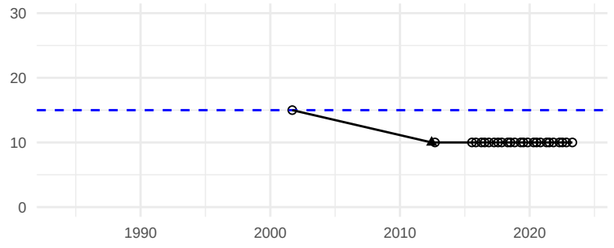
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



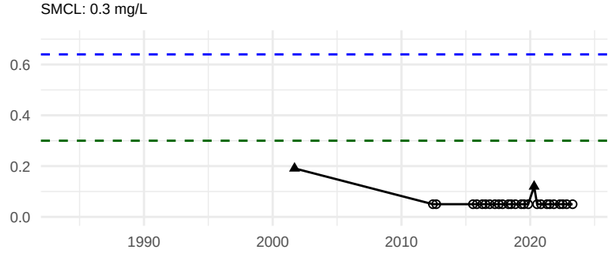


Chemical Oxygen Demand (mg/L) :



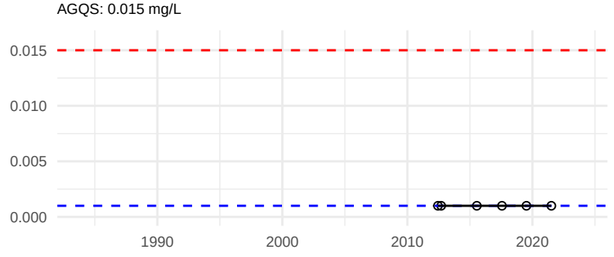
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



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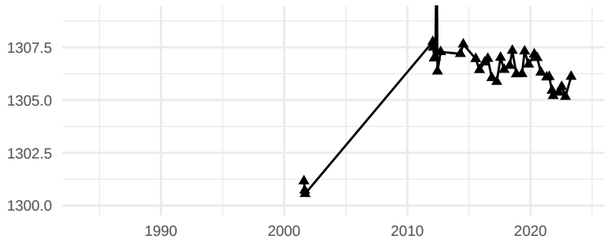
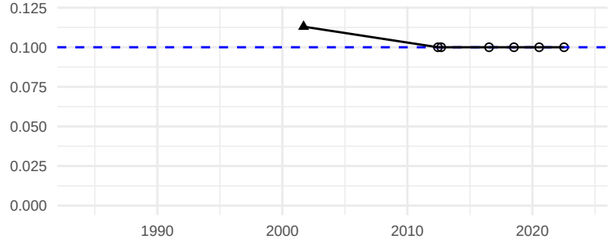
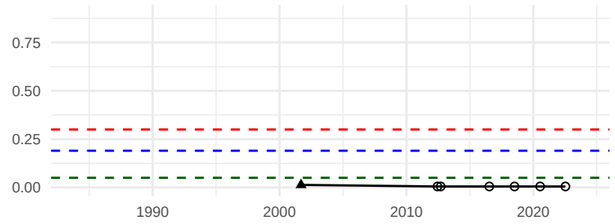
Groundwater Elevation (ft) :



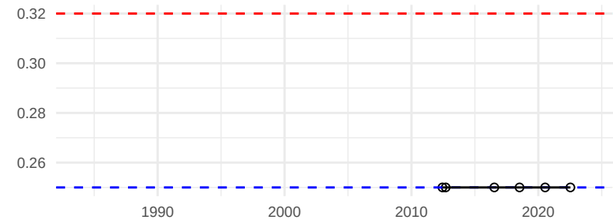
Bromide (mg/L) :



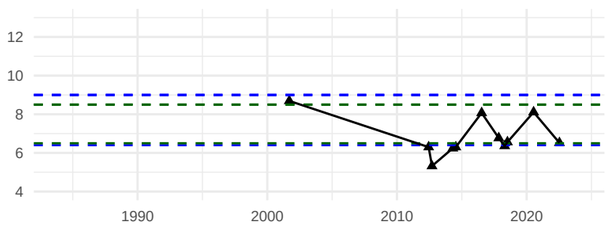
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



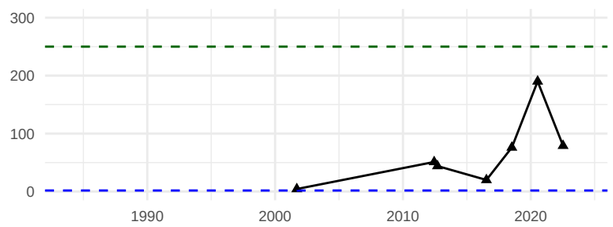
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



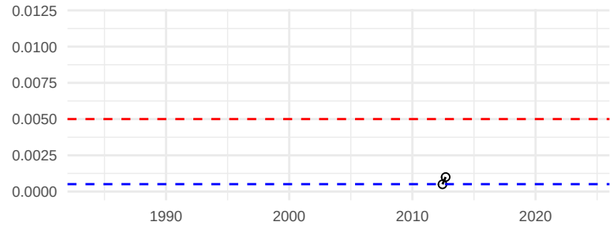
pH (SU) :
SMCL: 6.5 − 8.5 SU



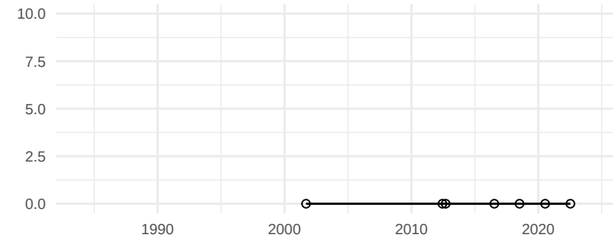
Chloride (mg/L) :
SMCL: 250 mg/L



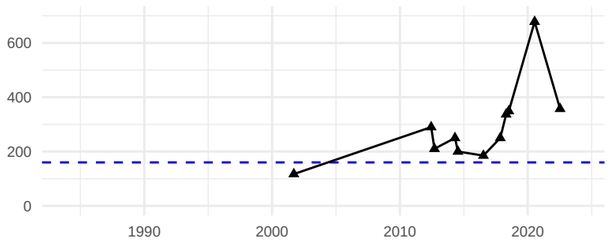
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



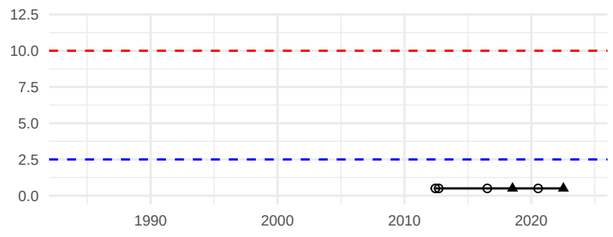
Total VOCs (ug/L) :



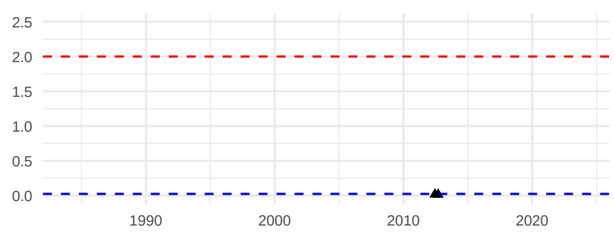
Specific Conductance (uS/cm) :



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



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



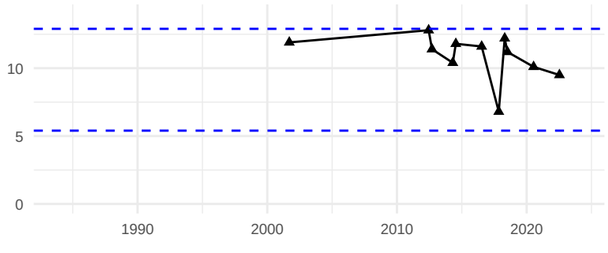
Result

- Detect
- Non−Detect

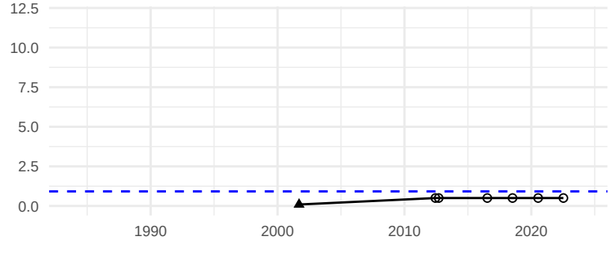
Standard

- AGQS
- SMCL
- Background

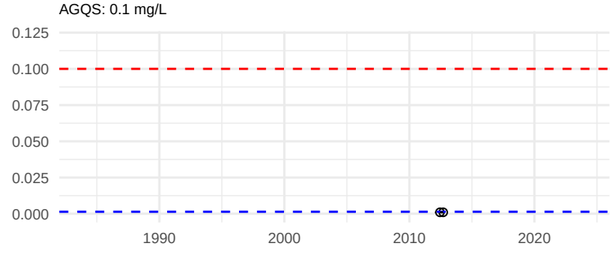
Temperature (C) :

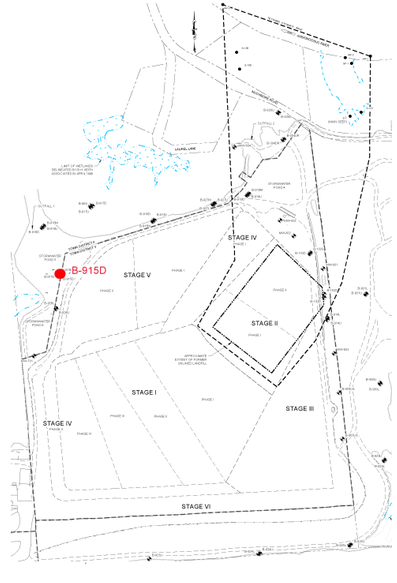


Total Kjeldahl Nitrogen (TKN) (mg/L) :

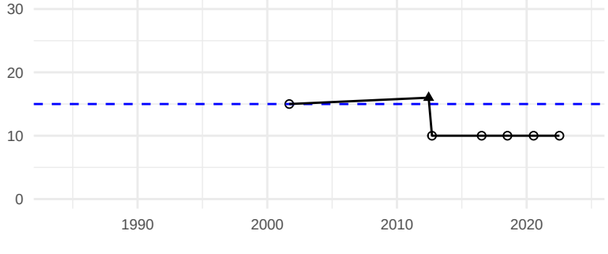


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

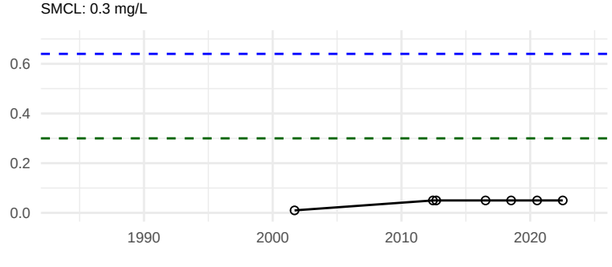




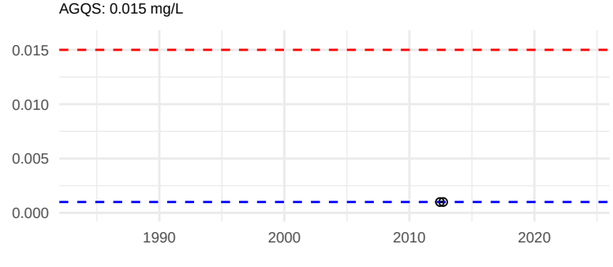
Chemical Oxygen Demand (mg/L) :



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

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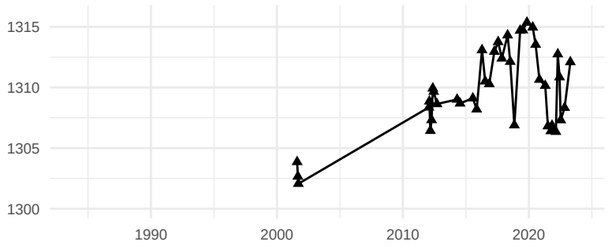
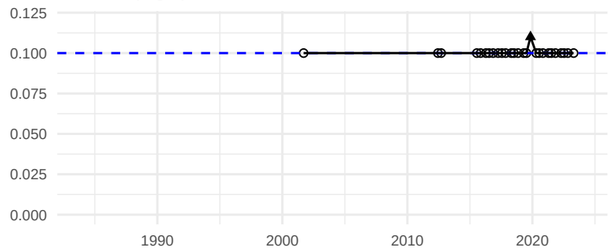
B−916U

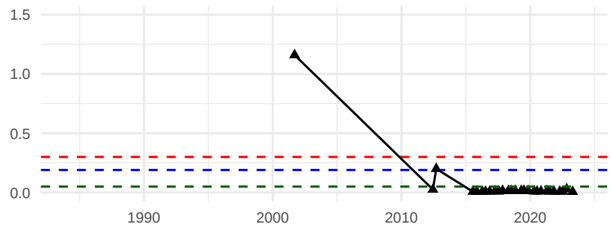
Groundwater Elevation (ft) :



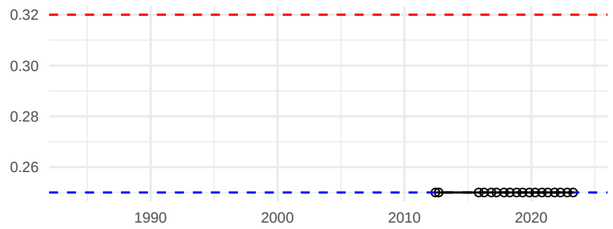
Bromide (mg/L) :



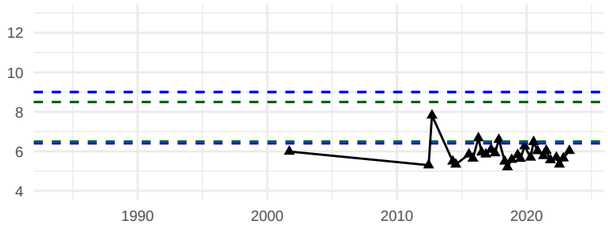
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



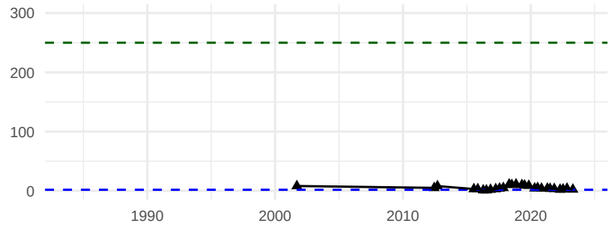
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



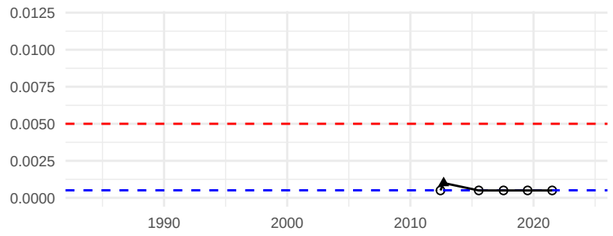
pH (SU) :
SMCL: 6.5 − 8.5 SU



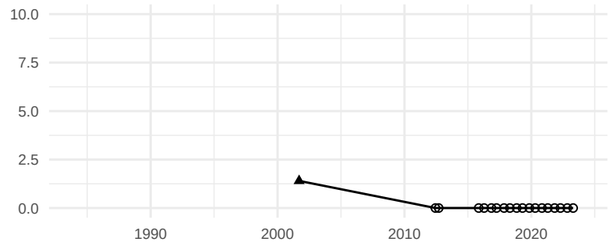
Chloride (mg/L) :
SMCL: 250 mg/L



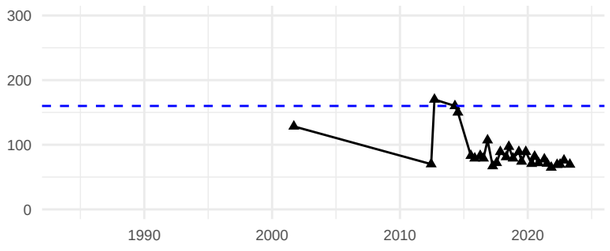
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



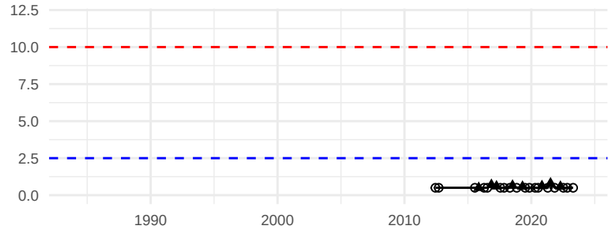
Total VOCs (ug/L) :



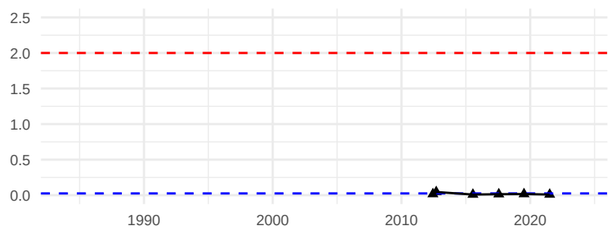
Specific Conductance (uS/cm) :



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



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



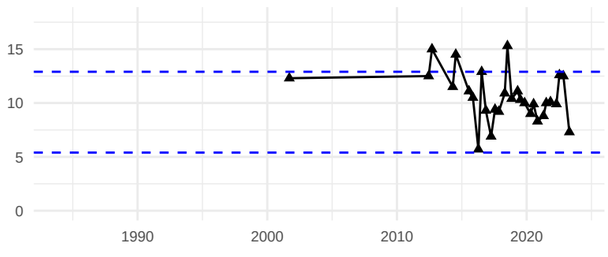
Result

- Detect
- Non−Detect

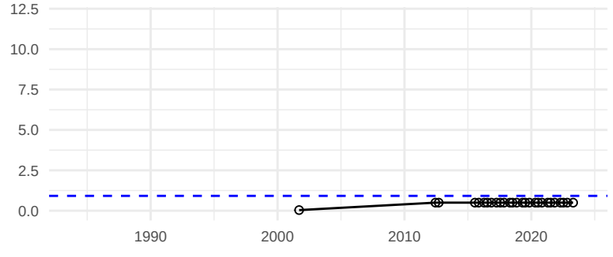
Standard

- AQGS
- SMCL
- Background

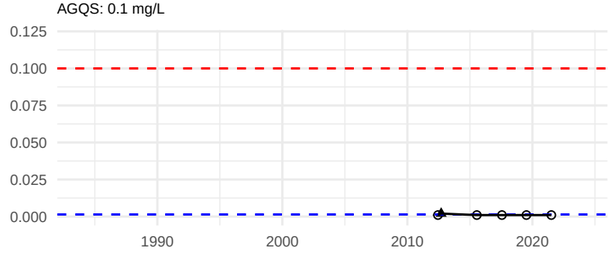
Temperature (C) :

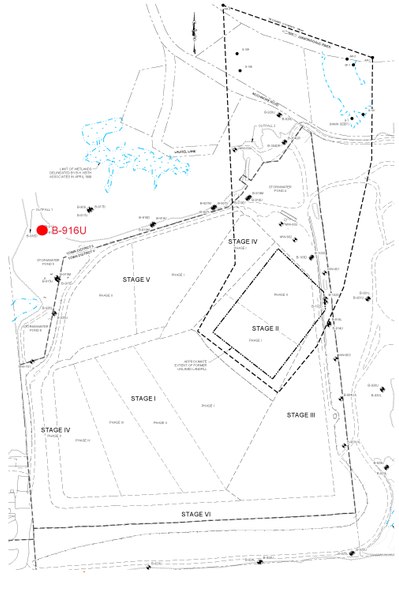


Total Kjeldahl Nitrogen (TKN) (mg/L) :

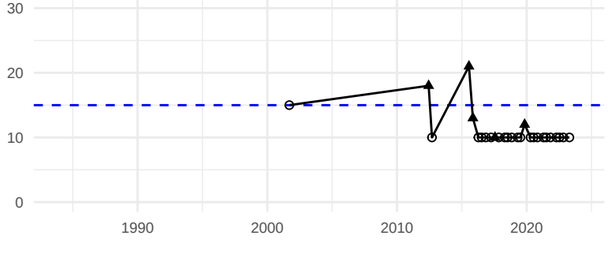


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

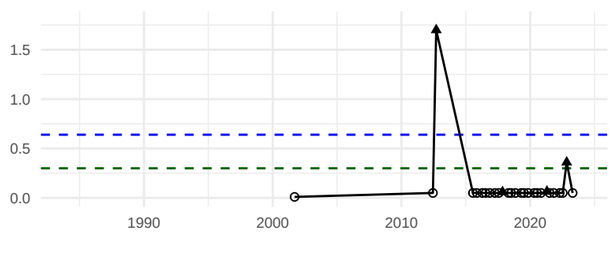




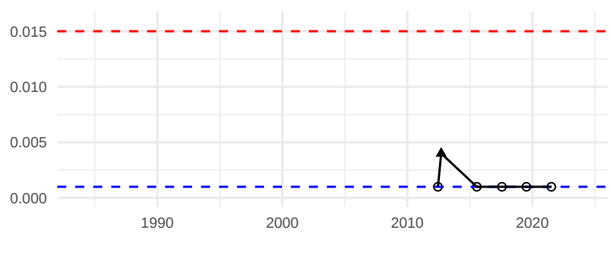
Chemical Oxygen Demand (mg/L) :



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



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



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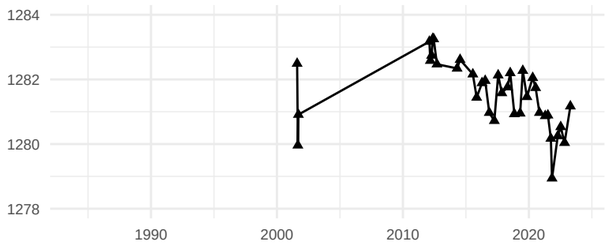
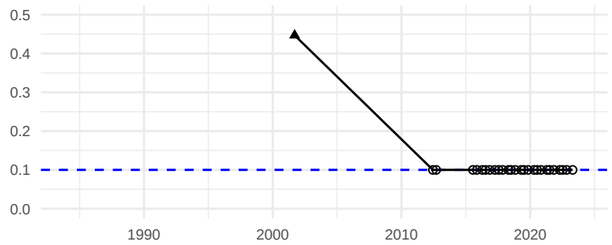
B−916M

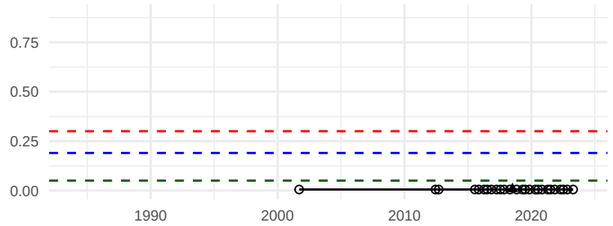
Groundwater Elevation (ft) :



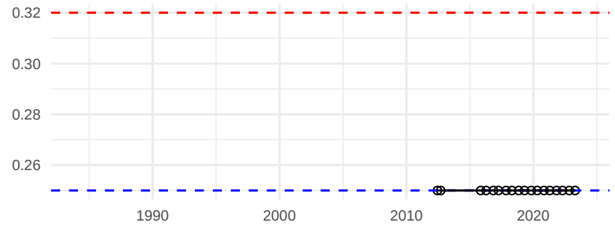
Bromide (mg/L) :



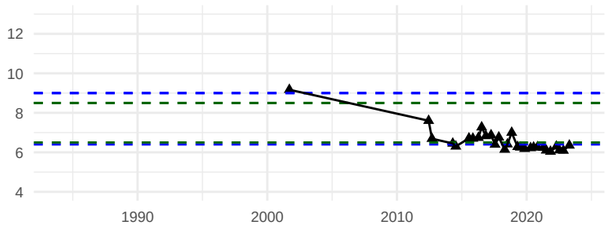
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



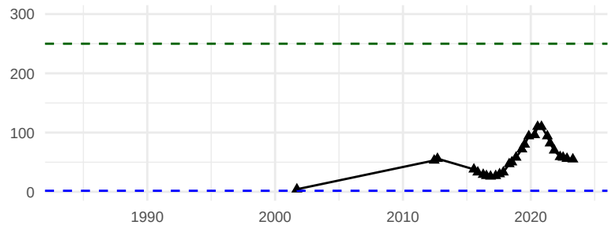
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



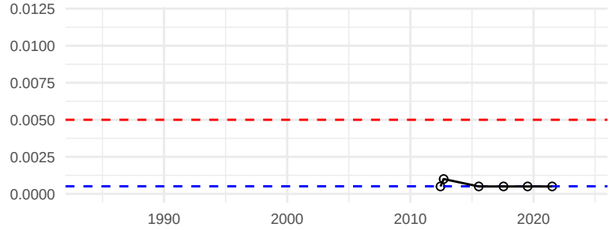
pH (SU) :
SMCL: 6.5 − 8.5 SU



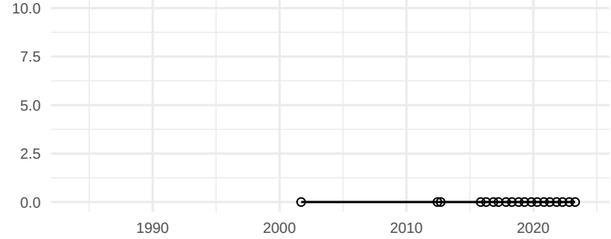
Chloride (mg/L) :
SMCL: 250 mg/L



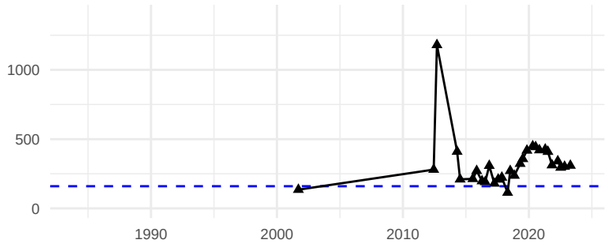
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



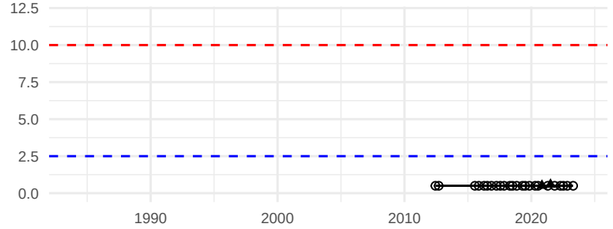
Total VOCs (ug/L) :



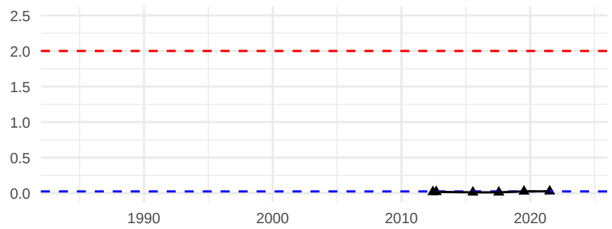
Specific Conductance (uS/cm) :



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



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



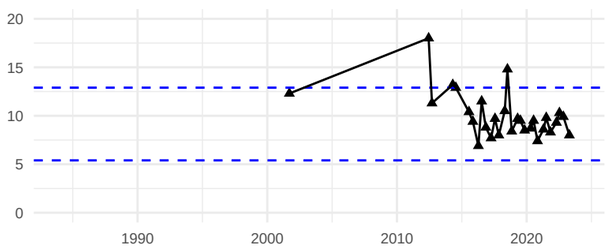
Result

- Detect
- Non−Detect

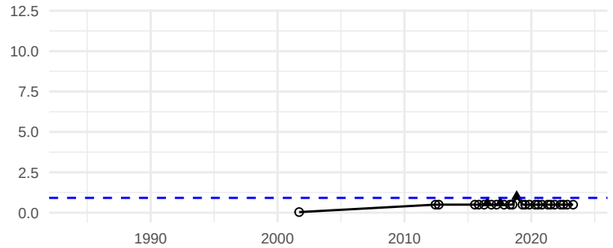
Standard

- AGQS
- SMCL
- Background

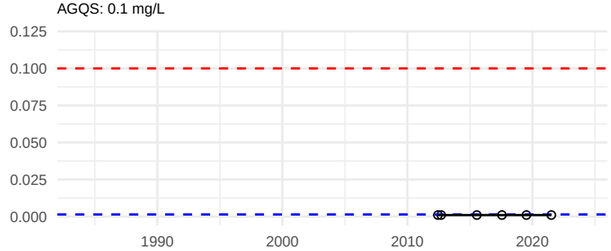
Temperature (C) :

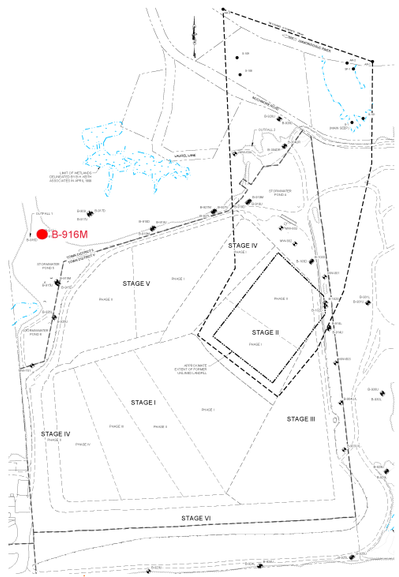


Total Kjeldahl Nitrogen (TKN) (mg/L) :

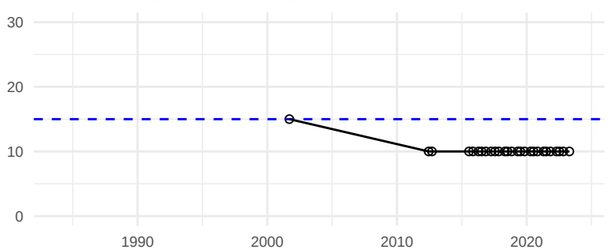


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

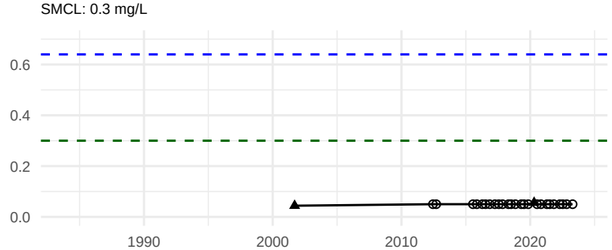




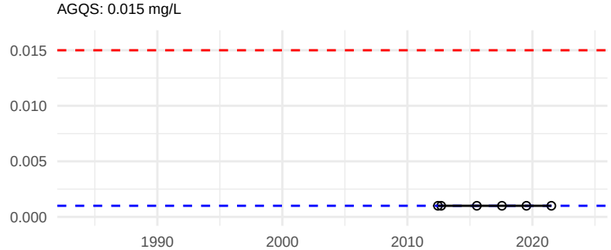
Chemical Oxygen Demand (mg/L) :



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

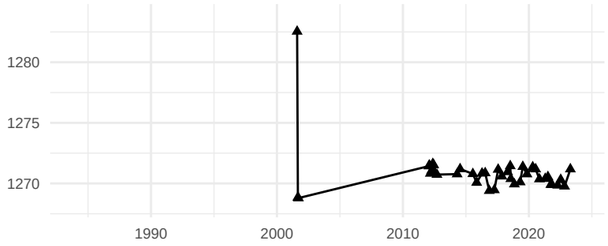


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

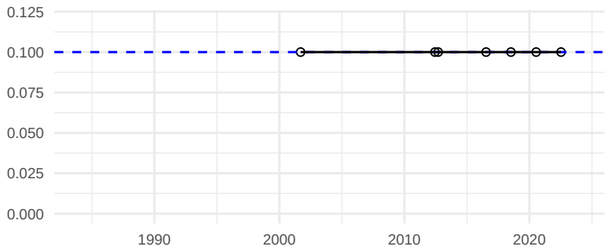


B−916D

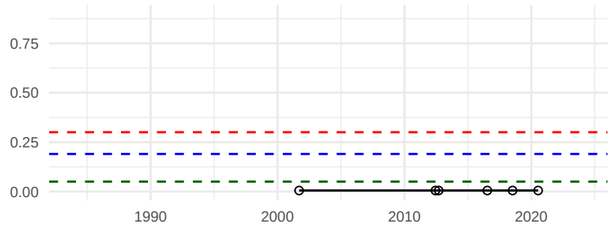
Groundwater Elevation (ft) :



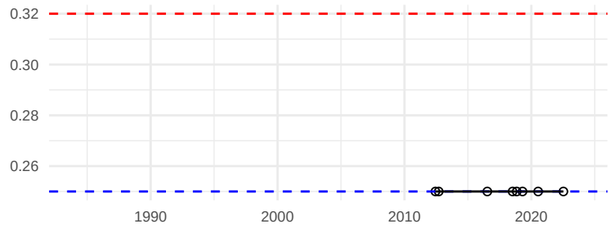
Bromide (mg/L) :



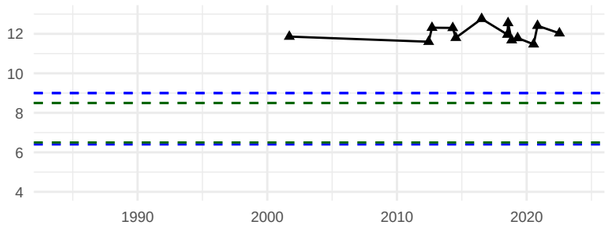
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



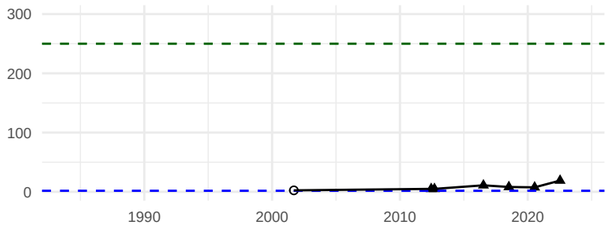
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



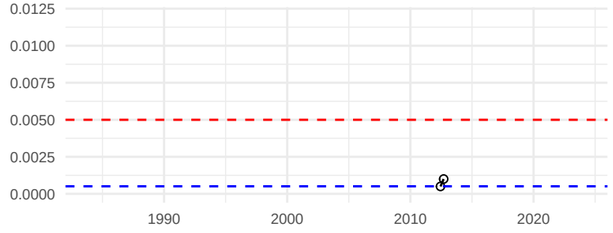
pH (SU) :
SMCL: 6.5 − 8.5 SU



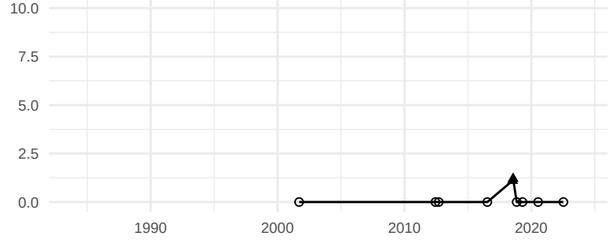
Chloride (mg/L) :
SMCL: 250 mg/L



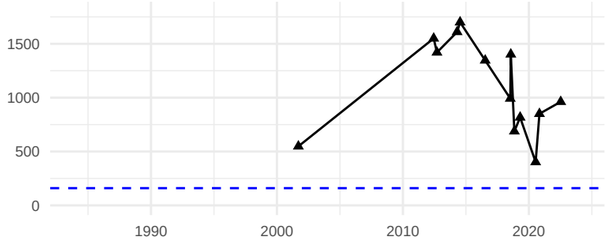
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



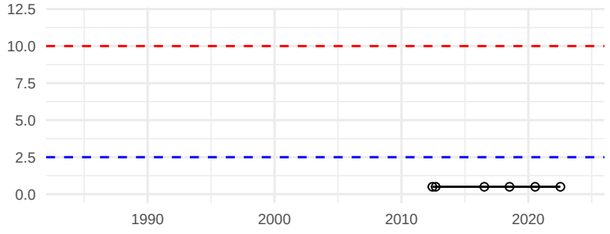
Total VOCs (ug/L) :



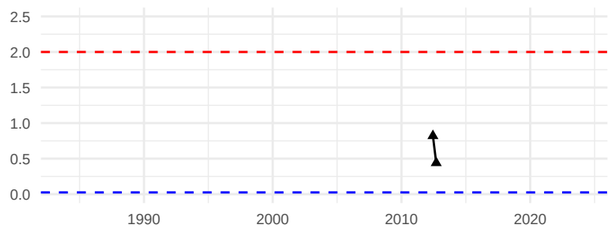
Specific Conductance (uS/cm) :



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



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



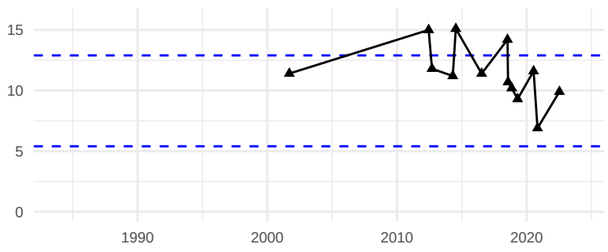
Result

- Detect
- Non−Detect

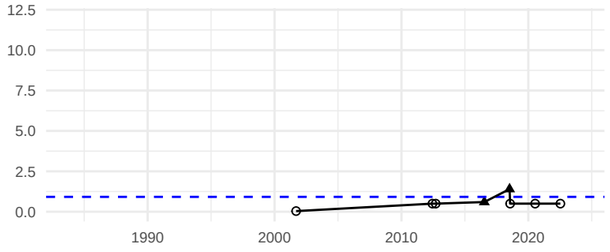
Standard

- AGQS
- SMCL
- Background

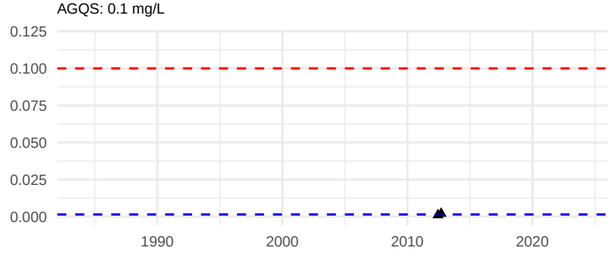
Temperature (C) :

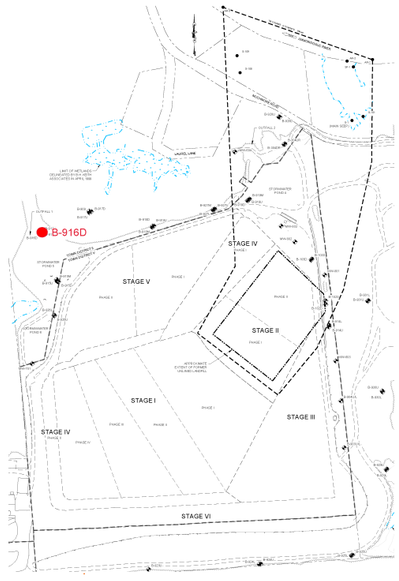


Total Kjeldahl Nitrogen (TKN) (mg/L) :

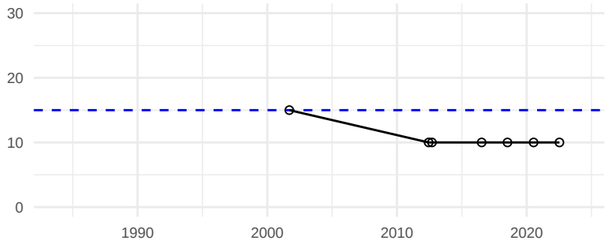


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

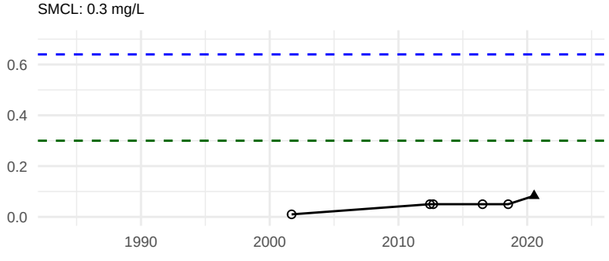




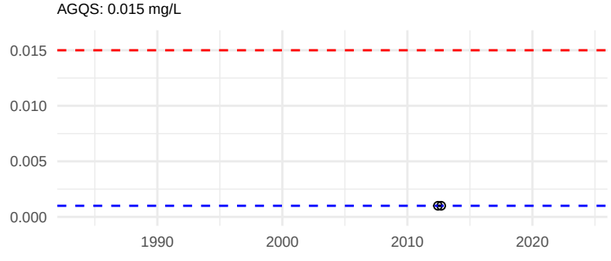
Chemical Oxygen Demand (mg/L) :



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



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



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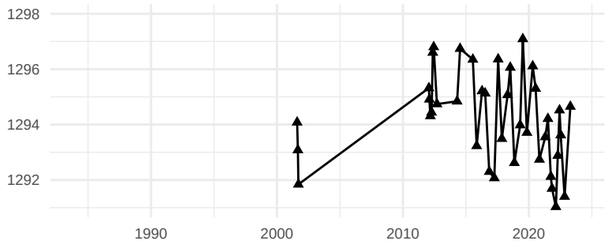
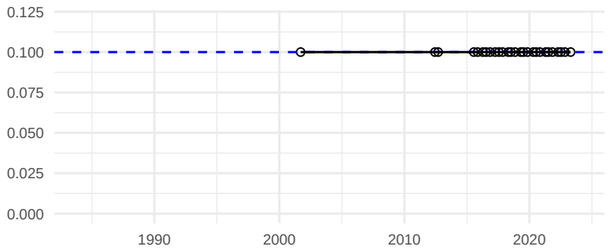
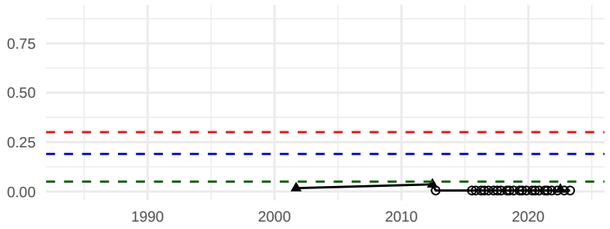
Groundwater Elevation (ft) :



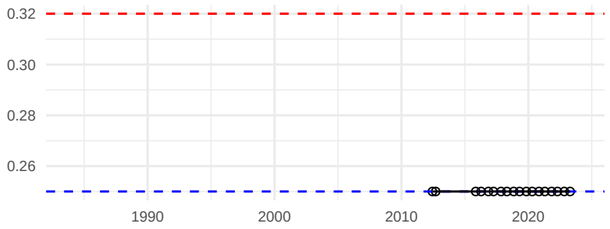
Bromide (mg/L) :



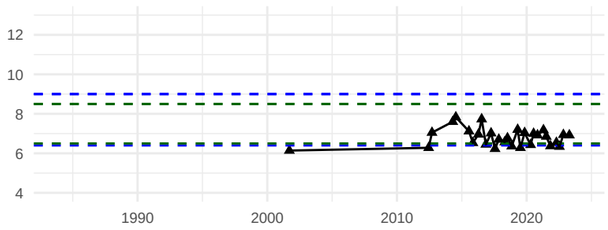
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



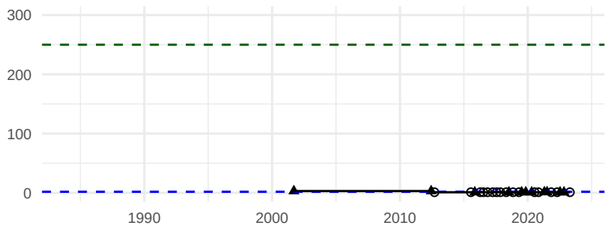
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



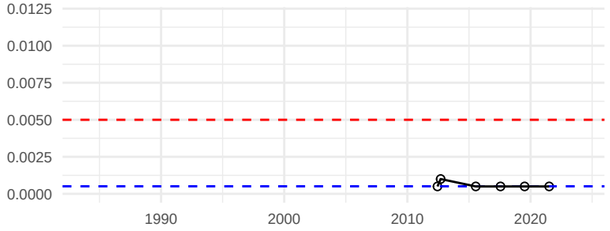
pH (SU) :
SMCL: 6.5 − 8.5 SU



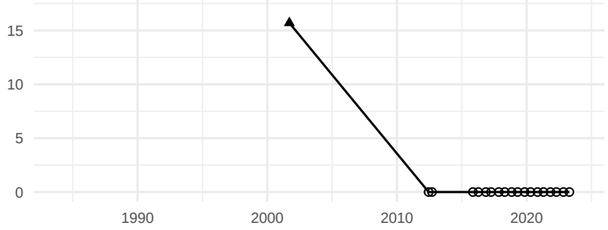
Chloride (mg/L) :
SMCL: 250 mg/L



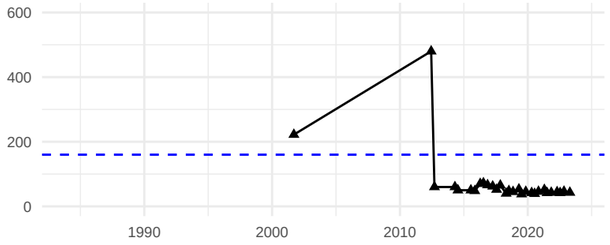
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



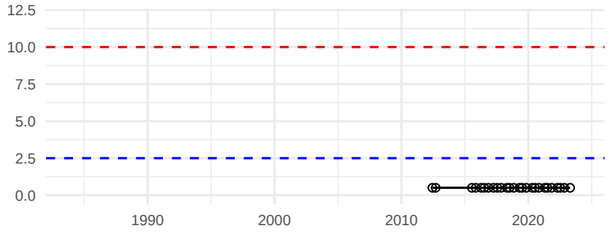
Total VOCs (ug/L) :



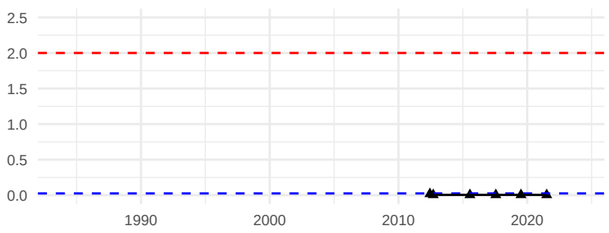
Specific Conductance (uS/cm) :



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



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



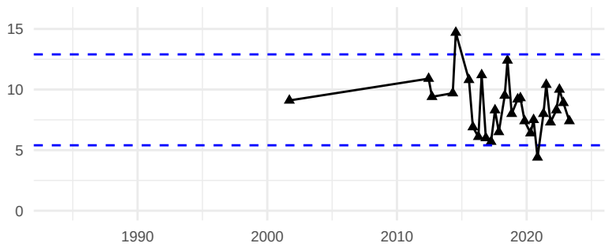
Result

- Detect
- Non−Detect

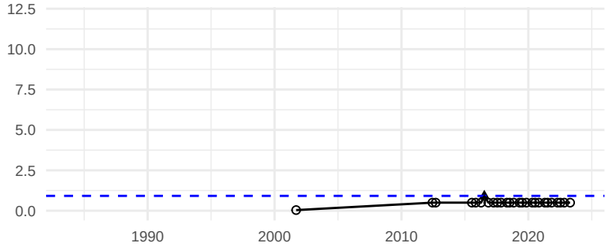
Standard

- AGQS
- SMCL
- Background

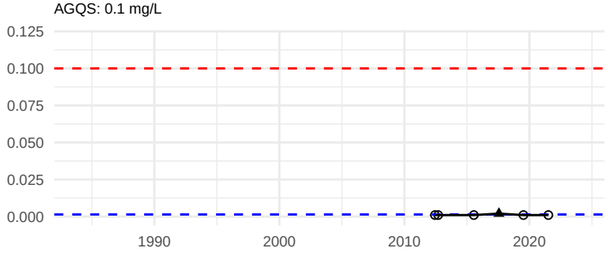
Temperature (C) :

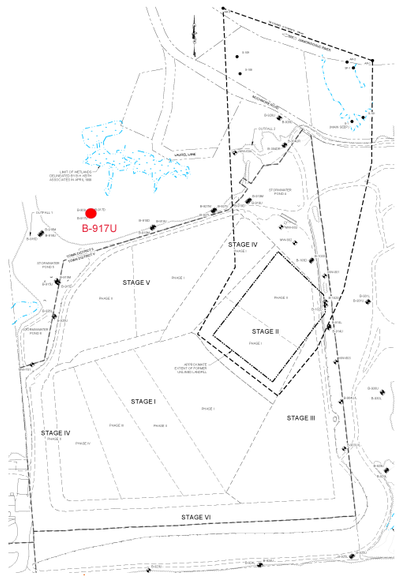


Total Kjeldahl Nitrogen (TKN) (mg/L) :

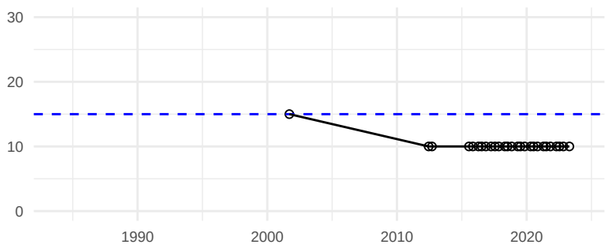


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

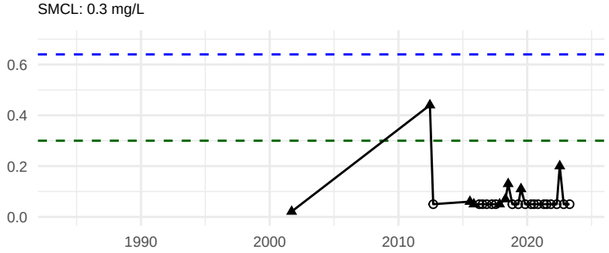




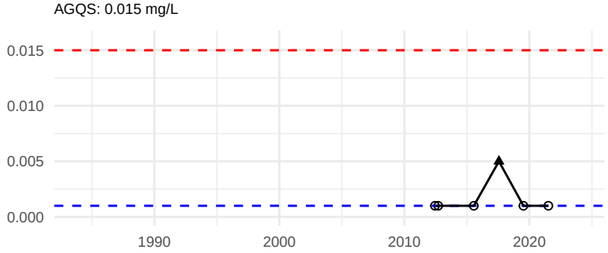
Chemical Oxygen Demand (mg/L) :



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

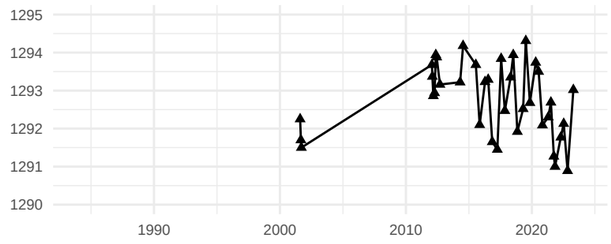


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

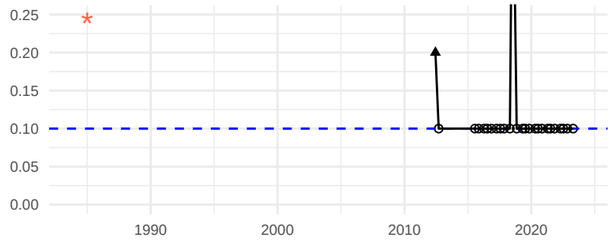


B−909

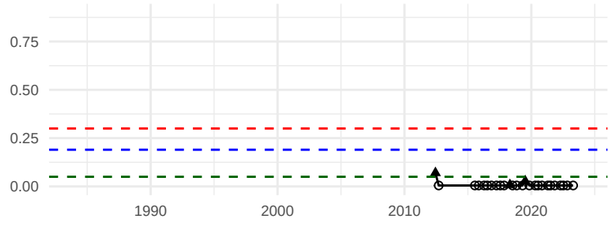
Groundwater Elevation (ft) :



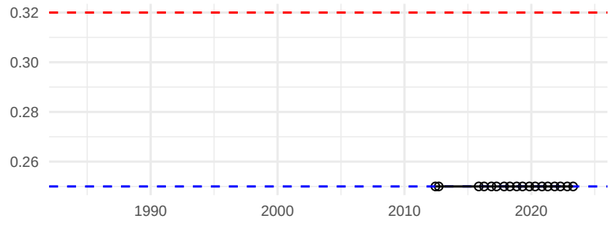
Bromide (mg/L) :



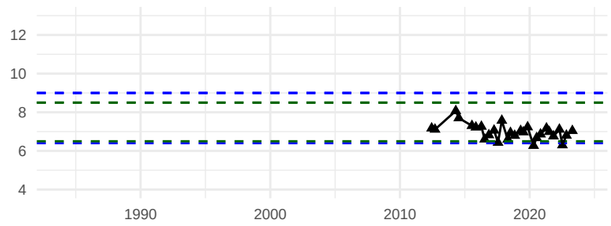
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



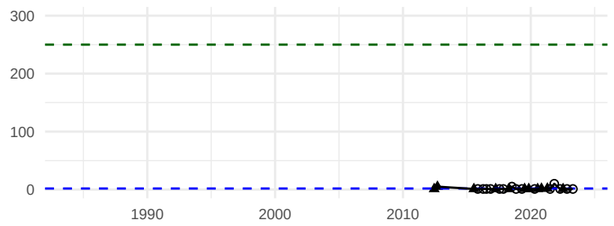
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



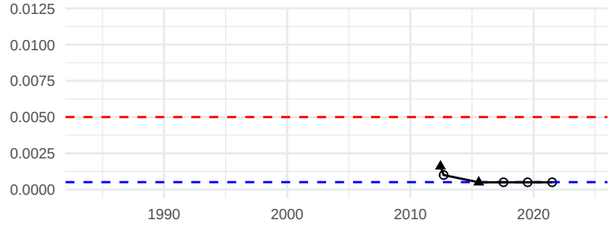
pH (SU) :
SMCL: 6.5 − 8.5 SU



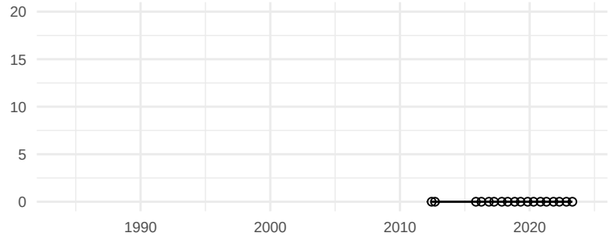
Chloride (mg/L) :
SMCL: 250 mg/L



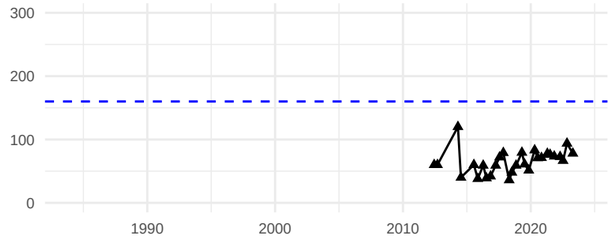
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



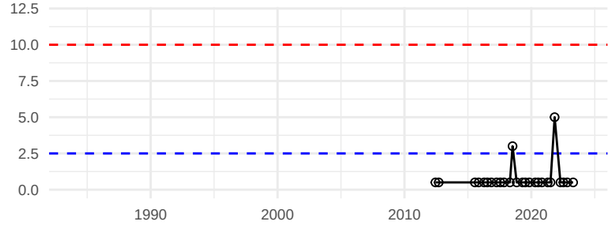
Total VOCs (ug/L) :



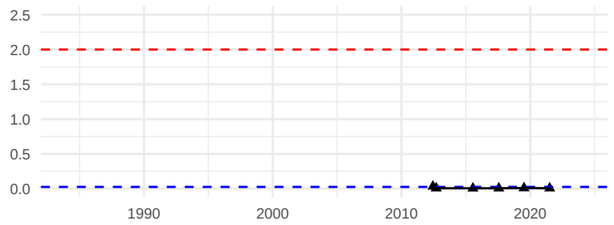
Specific Conductance (uS/cm) :



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



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



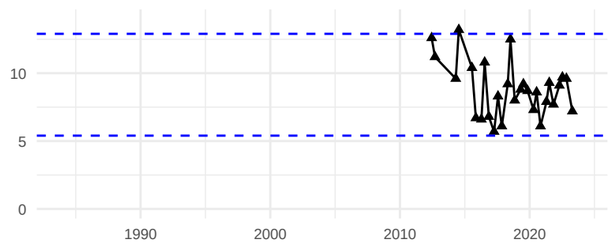
Result

- Detect
- Non−Detect

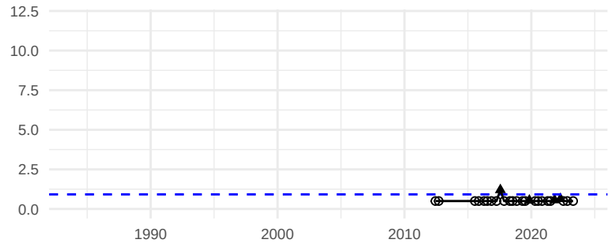
Standard

- AGQS
- SMCL
- Background

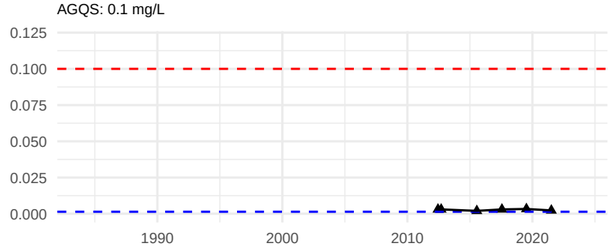
Temperature (C) :

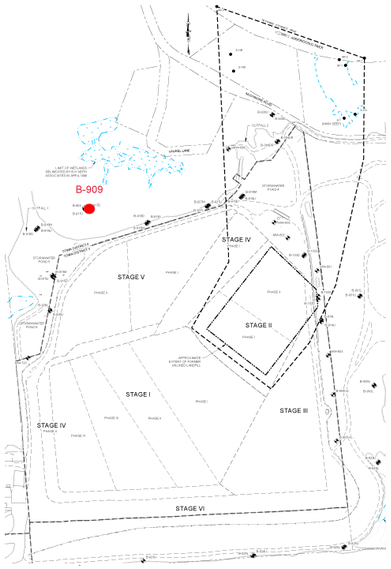


Total Kjeldahl Nitrogen (TKN) (mg/L) :

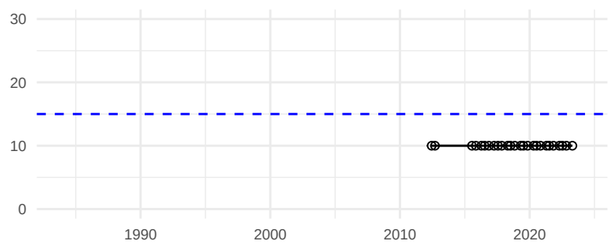


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

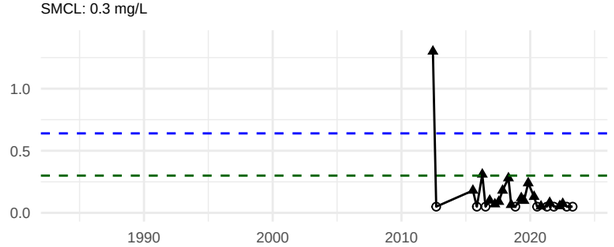




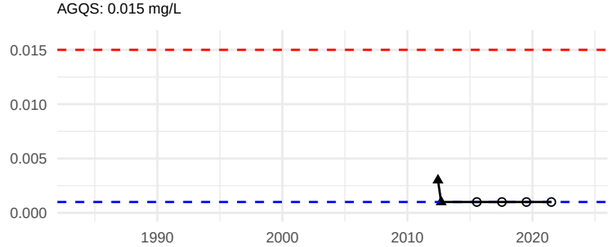
Chemical Oxygen Demand (mg/L) :



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

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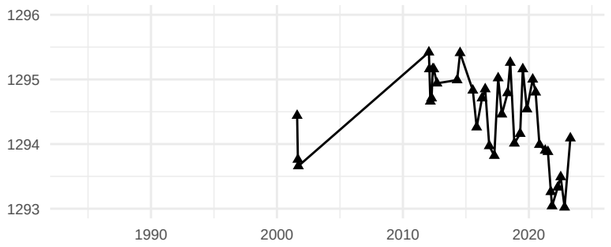
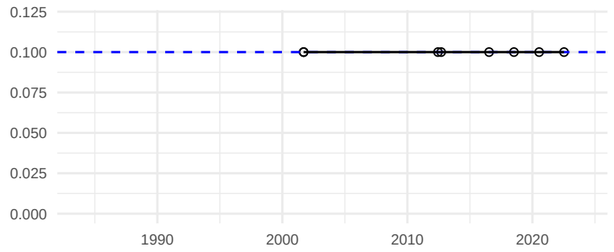
B−917D

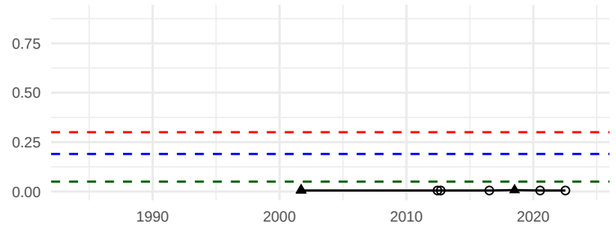
Groundwater Elevation (ft) :



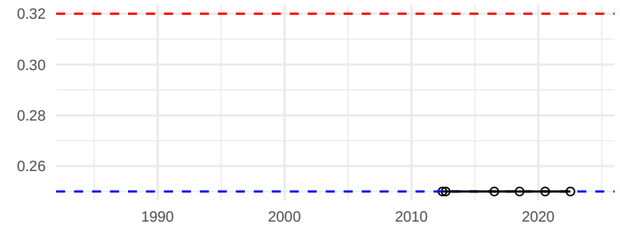
Bromide (mg/L) :



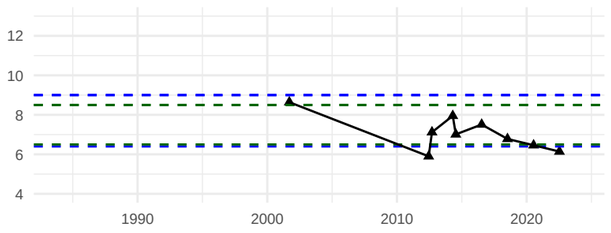
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



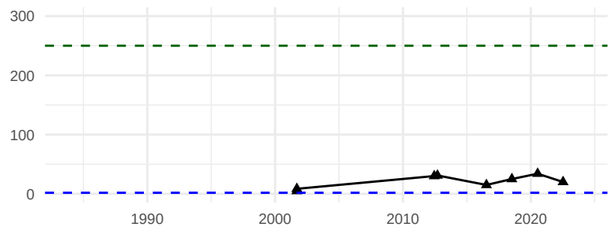
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



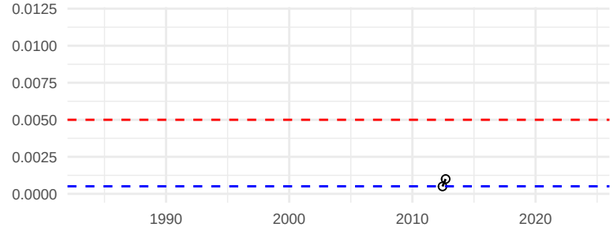
pH (SU) :
SMCL: 6.5 − 8.5 SU



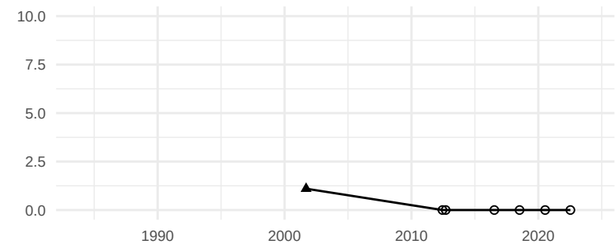
Chloride (mg/L) :
SMCL: 250 mg/L



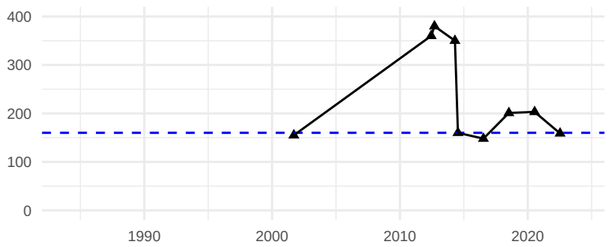
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



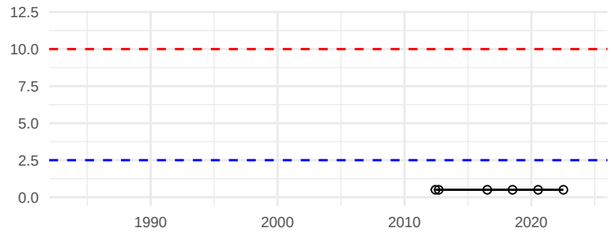
Total VOCs (ug/L) :



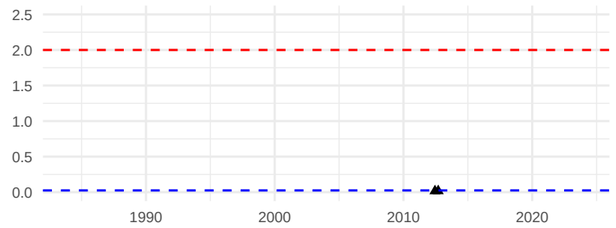
Specific Conductance (uS/cm) :



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



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



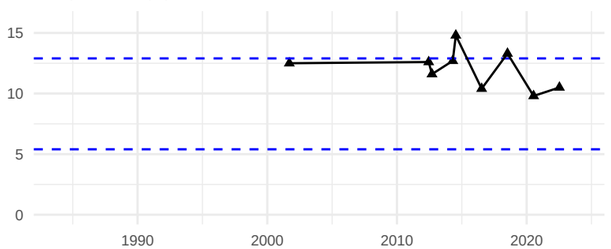
Result

- Detect
- Non−Detect

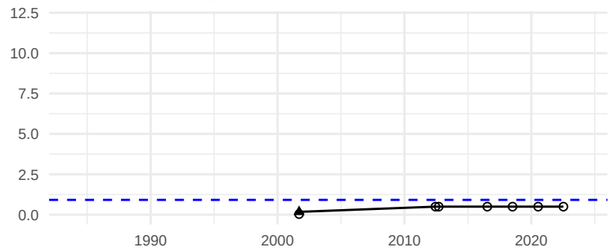
Standard

- AGQS
- SMCL
- Background

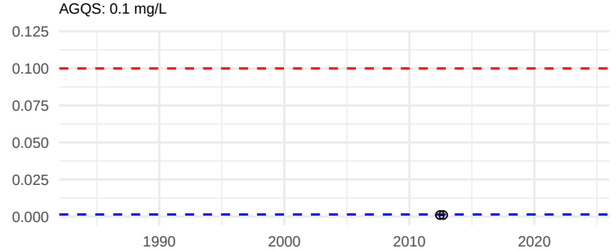
Temperature (C) :

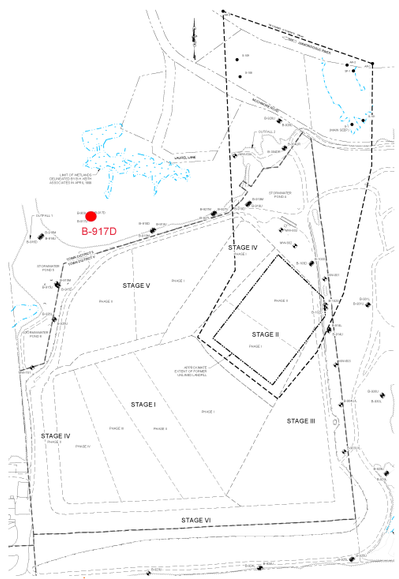


Total Kjeldahl Nitrogen (TKN) (mg/L) :

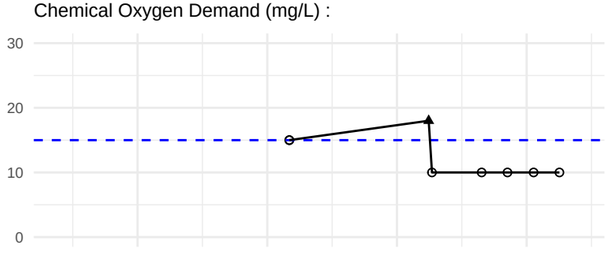


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

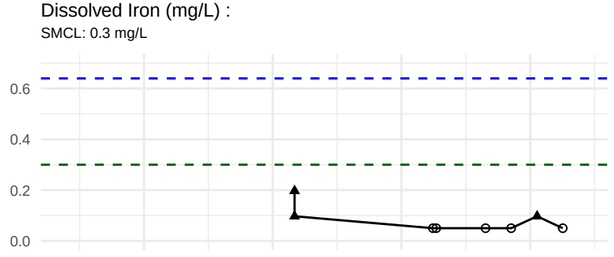




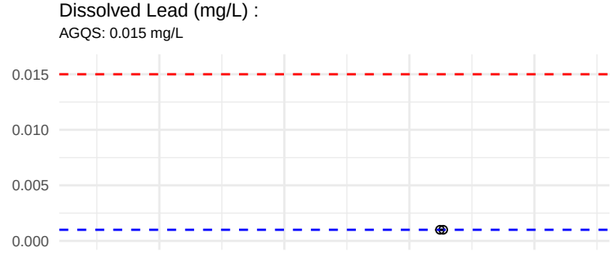
Chemical Oxygen Demand (mg/L) :



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



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



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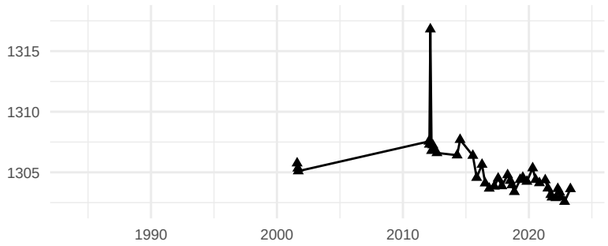
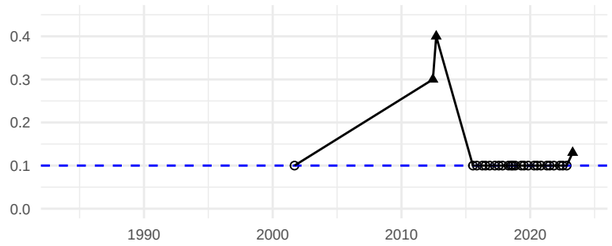
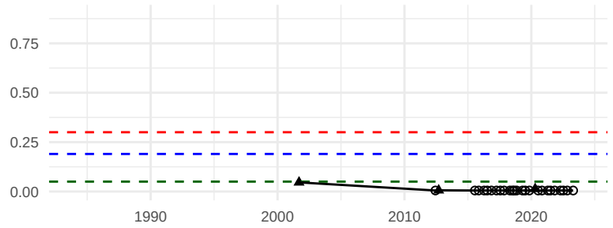
Groundwater Elevation (ft) :



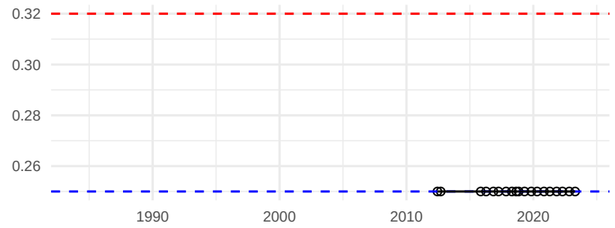
Bromide (mg/L) :



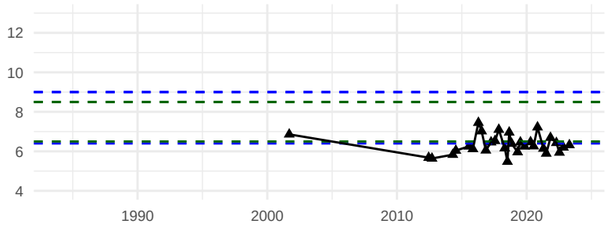
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



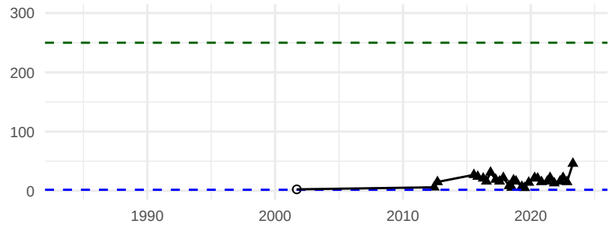
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



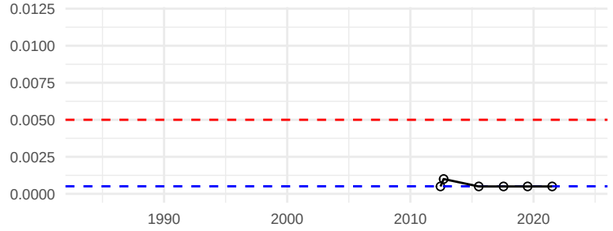
pH (SU) :
SMCL: 6.5 − 8.5 SU



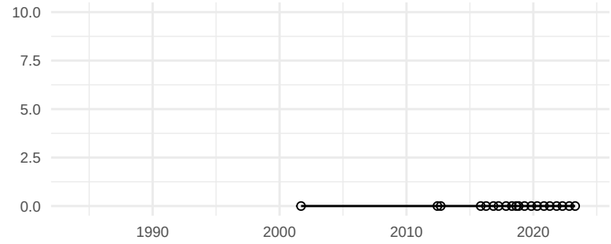
Chloride (mg/L) :
SMCL: 250 mg/L



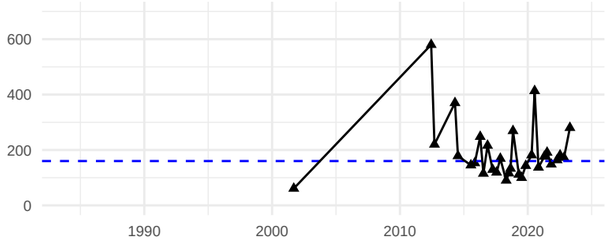
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



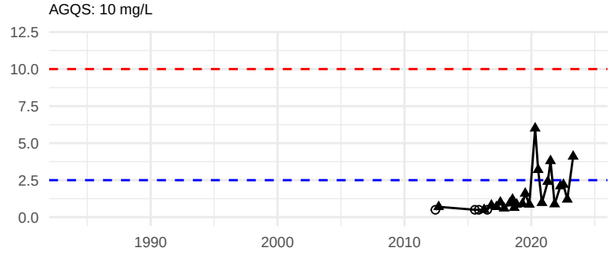
Total VOCs (ug/L) :



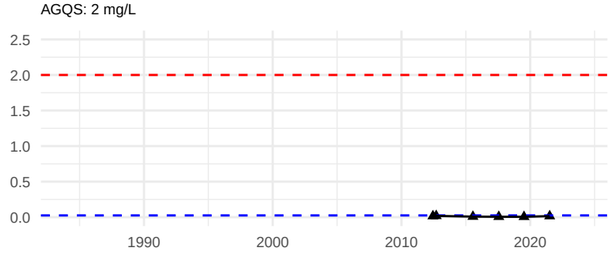
Specific Conductance (uS/cm) :



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



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



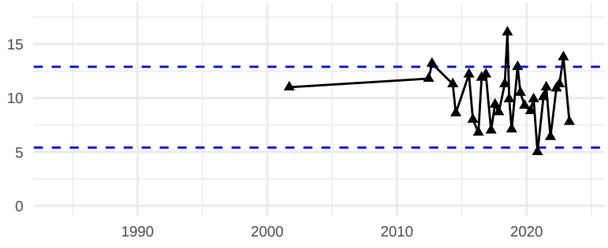
Result

- Detect
- Non−Detect

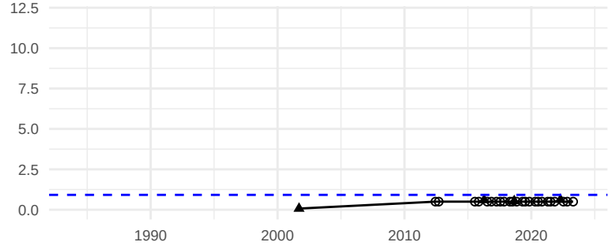
Standard

- AGQS
- SMCL
- Background

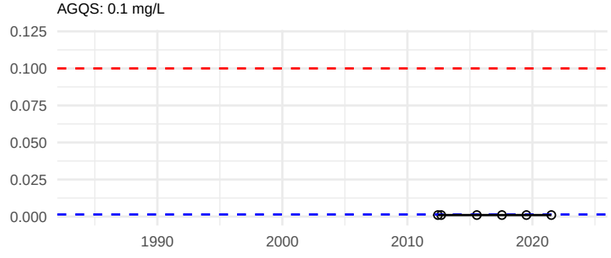
Temperature (C) :

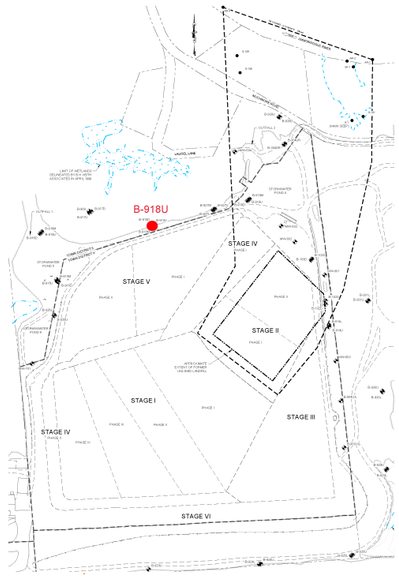


Total Kjeldahl Nitrogen (TKN) (mg/L) :

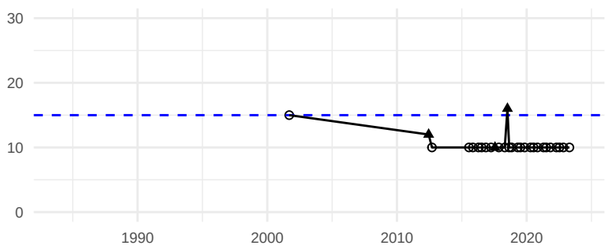


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

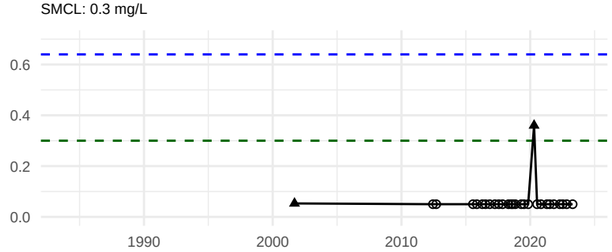




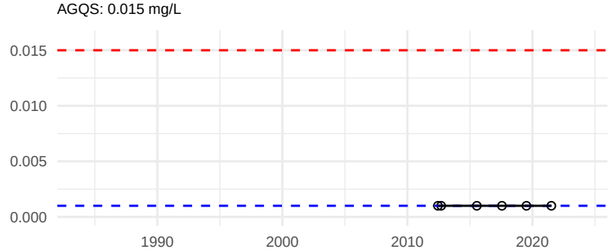
Chemical Oxygen Demand (mg/L) :



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



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



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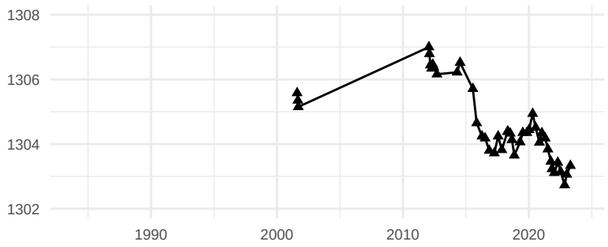
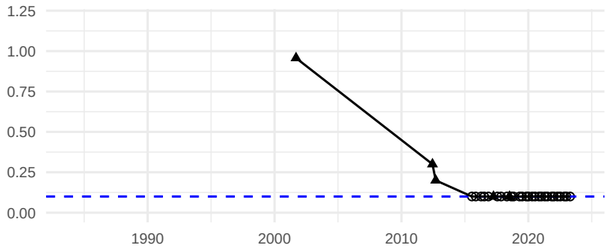
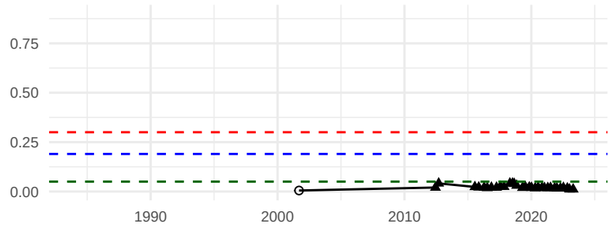
Groundwater Elevation (ft) :



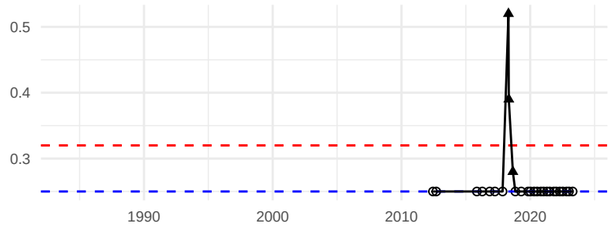
Bromide (mg/L) :



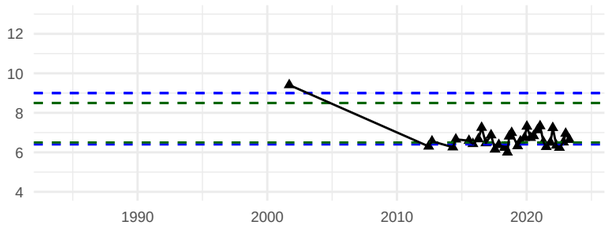
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



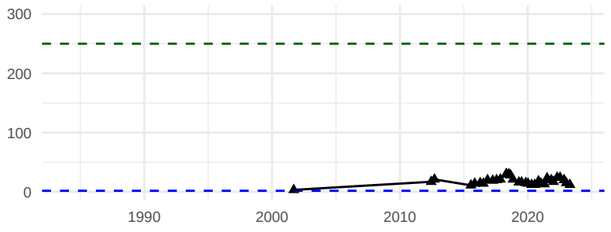
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



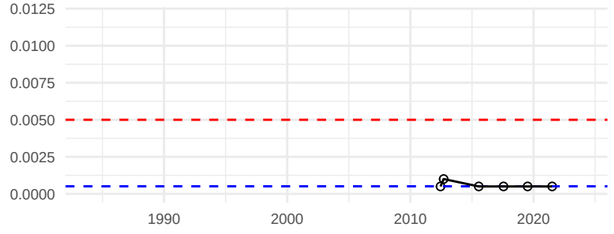
pH (SU) :
SMCL: 6.5 − 8.5 SU



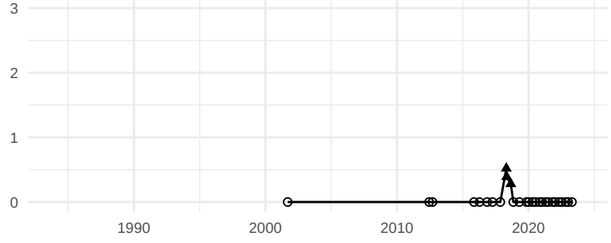
Chloride (mg/L) :
SMCL: 250 mg/L



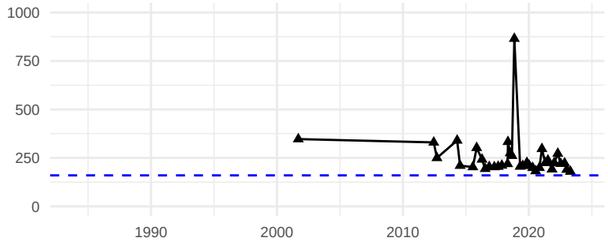
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



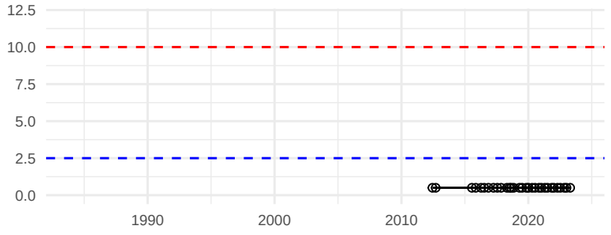
Total VOCs (ug/L) :



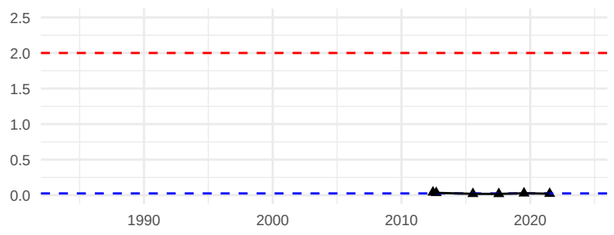
Specific Conductance (uS/cm) :



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



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



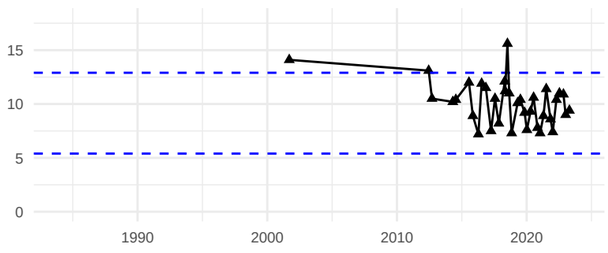
Result

- Detect
- Non−Detect

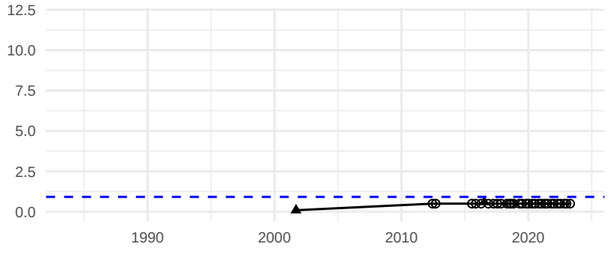
Standard

- AGQS
- SMCL
- Background

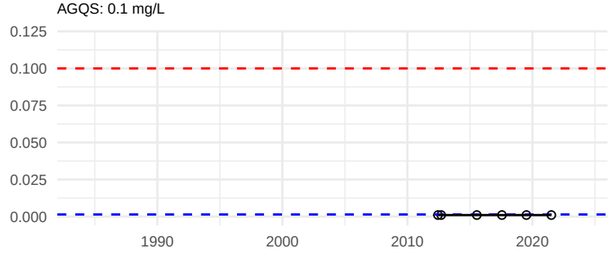
Temperature (C) :

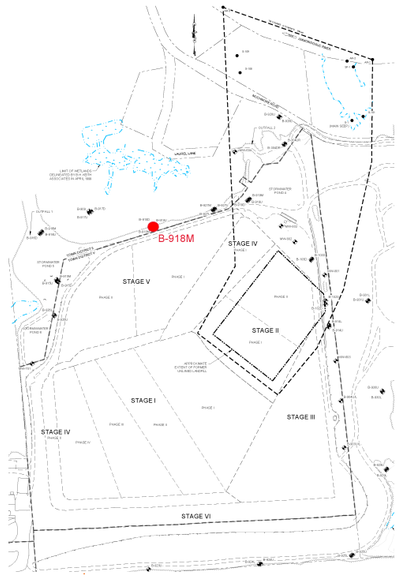


Total Kjeldahl Nitrogen (TKN) (mg/L) :

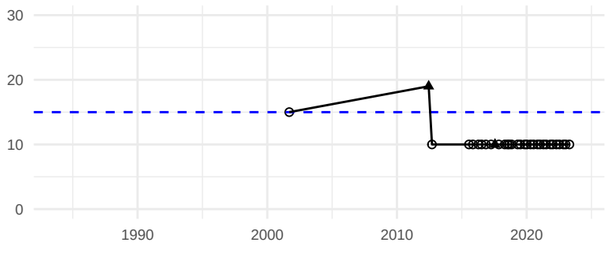


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

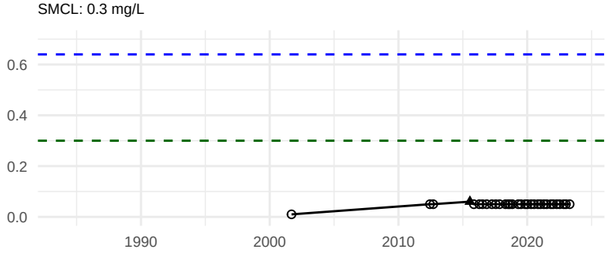




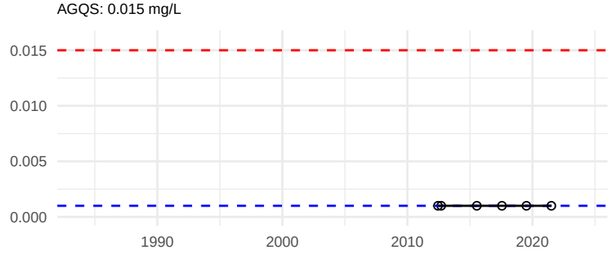
Chemical Oxygen Demand (mg/L) :



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



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



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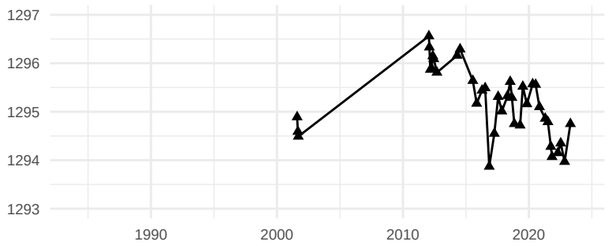
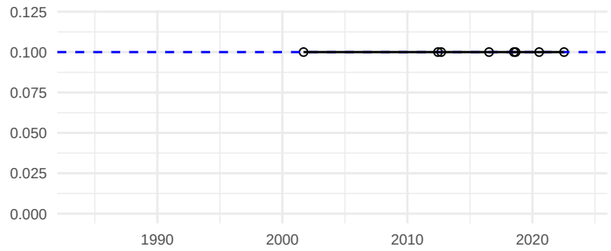
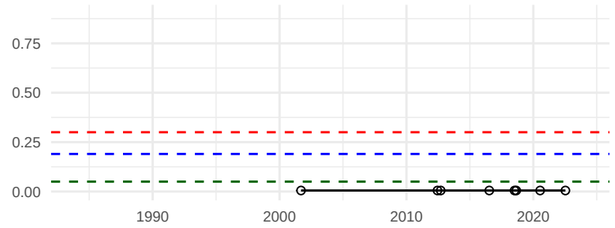
Groundwater Elevation (ft) :



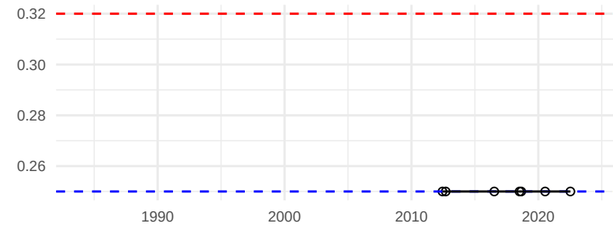
Bromide (mg/L) :



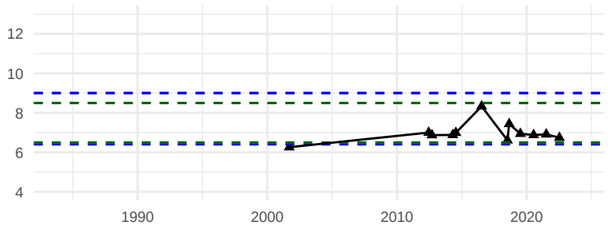
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



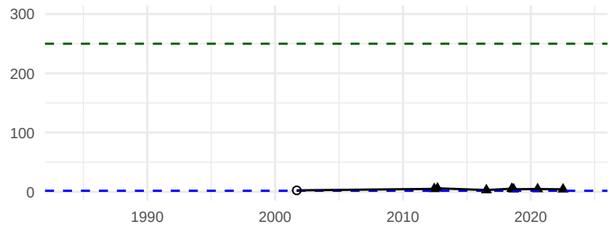
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



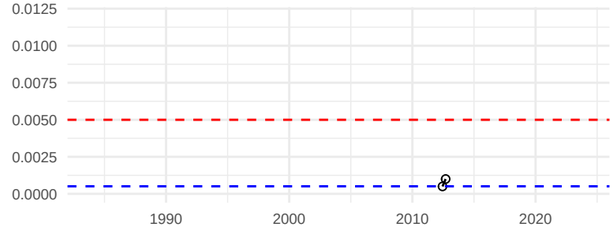
pH (SU) :
SMCL: 6.5 − 8.5 SU



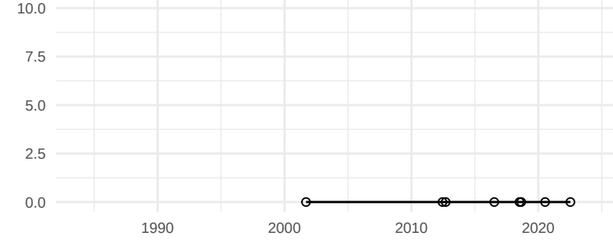
Chloride (mg/L) :
SMCL: 250 mg/L



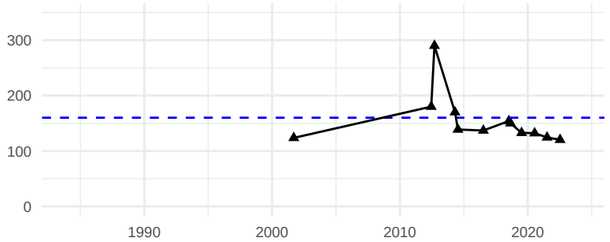
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



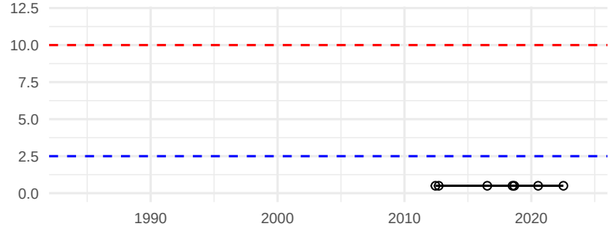
Total VOCs (ug/L) :



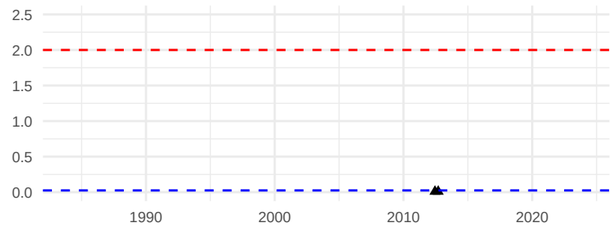
Specific Conductance (uS/cm) :



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



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



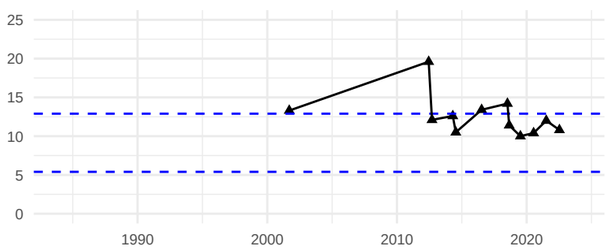
Result

- Detect
- Non−Detect

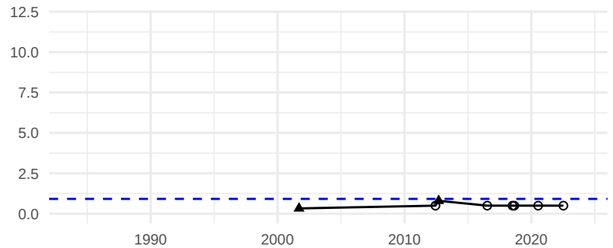
Standard

- AGQS
- SMCL
- Background

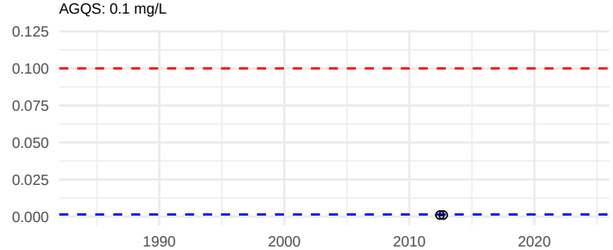
Temperature (C) :

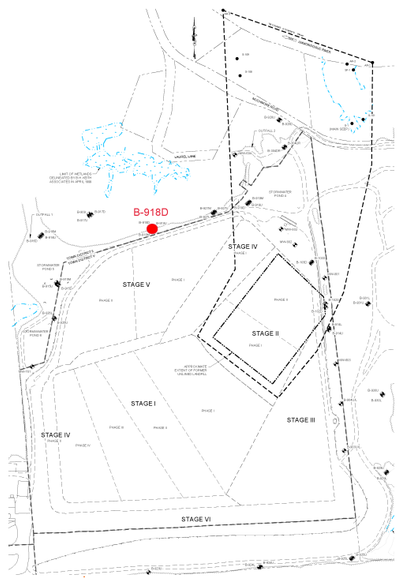


Total Kjeldahl Nitrogen (TKN) (mg/L) :

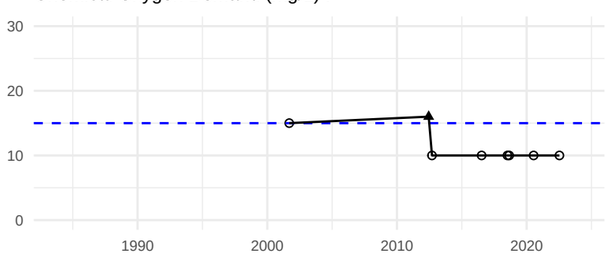


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

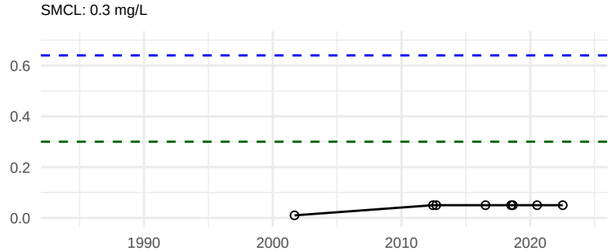




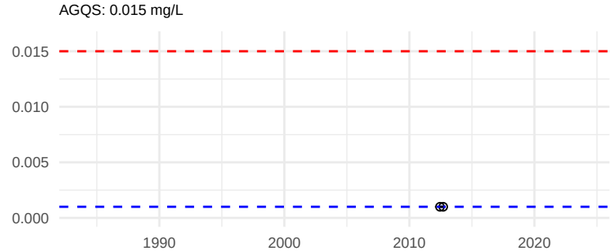
Chemical Oxygen Demand (mg/L) :



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



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



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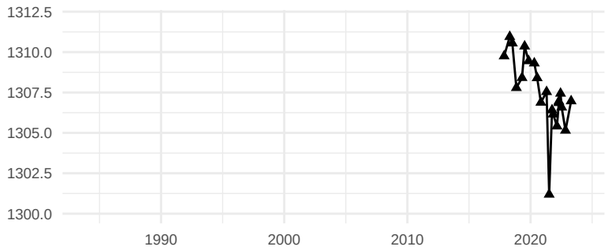
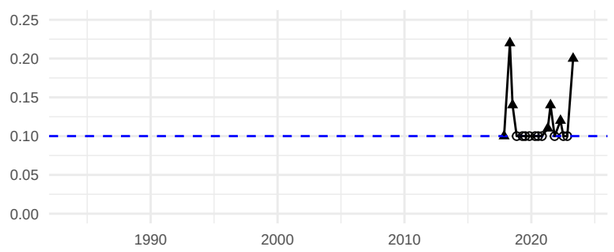
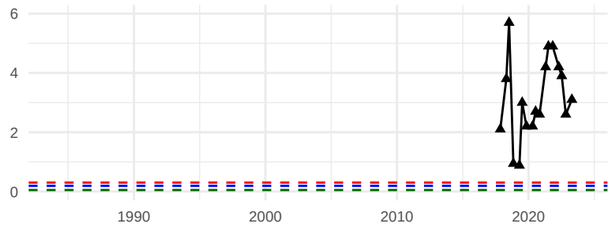
Groundwater Elevation (ft) :



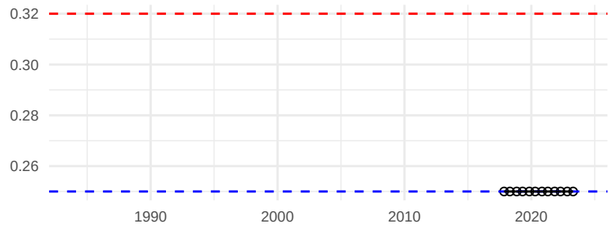
Bromide (mg/L) :



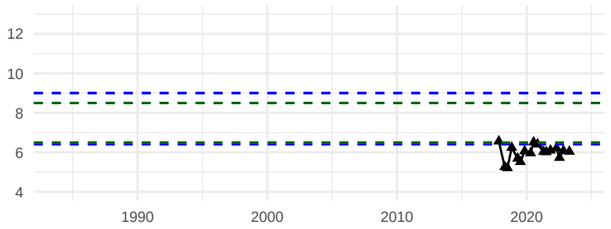
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



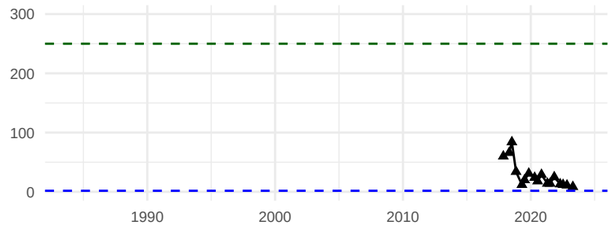
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



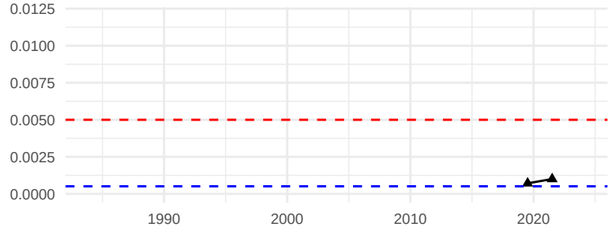
pH (SU) :
SMCL: 6.5 − 8.5 SU



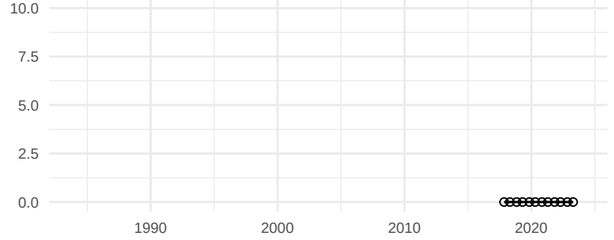
Chloride (mg/L) :
SMCL: 250 mg/L



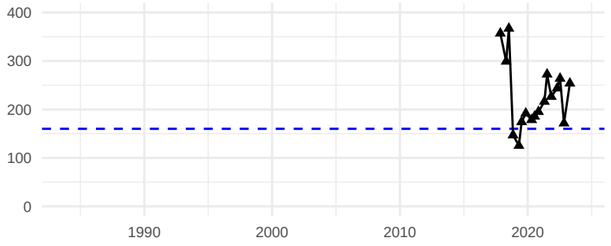
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



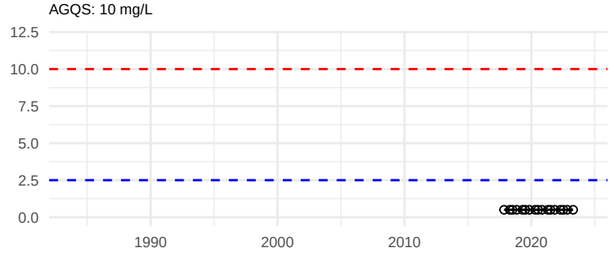
Total VOCs (ug/L) :



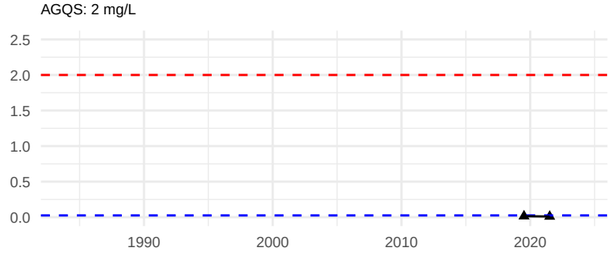
Specific Conductance (uS/cm) :



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



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



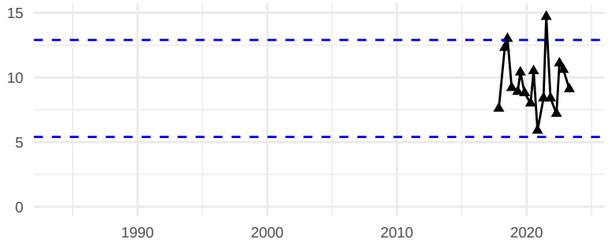
Result

- Detect
- Non−Detect

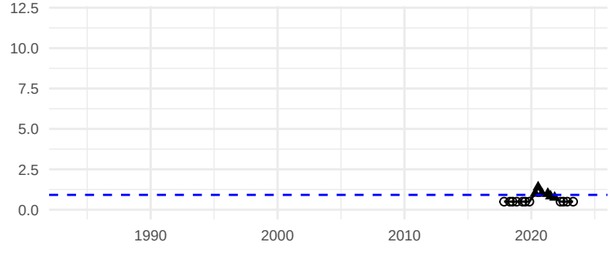
Standard

- AGQS
- SMCL
- Background

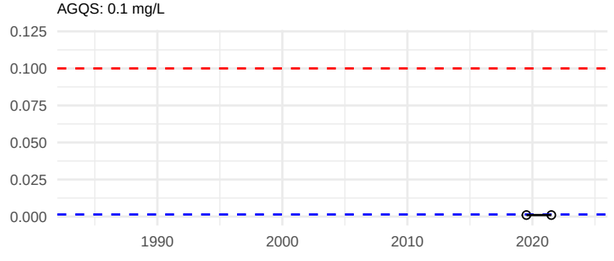
Temperature (C) :

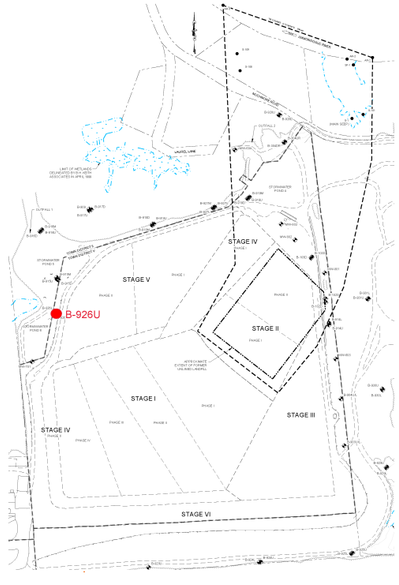


Total Kjeldahl Nitrogen (TKN) (mg/L) :

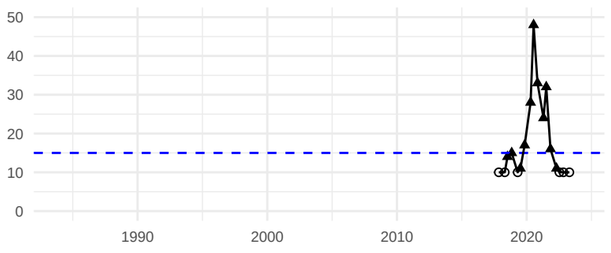


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

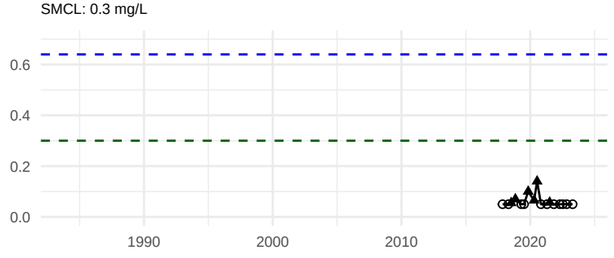




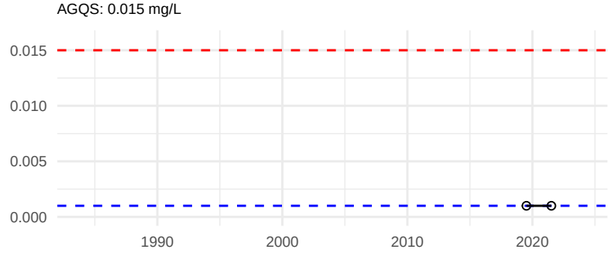
Chemical Oxygen Demand (mg/L) :



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



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



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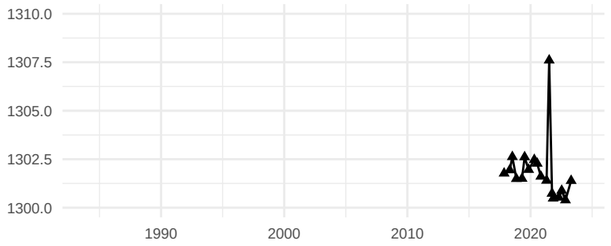
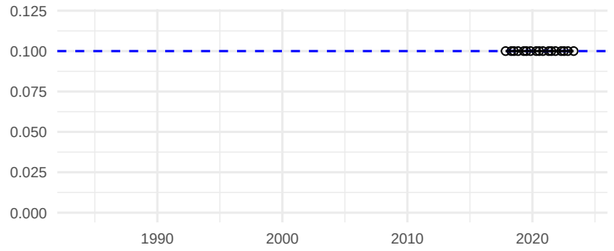
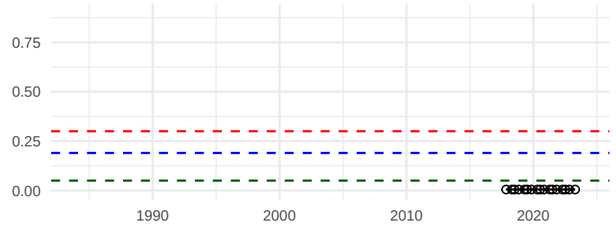
Groundwater Elevation (ft) :



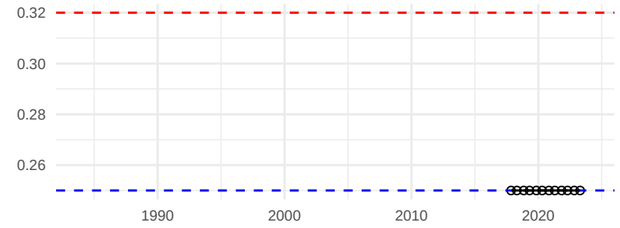
Bromide (mg/L) :



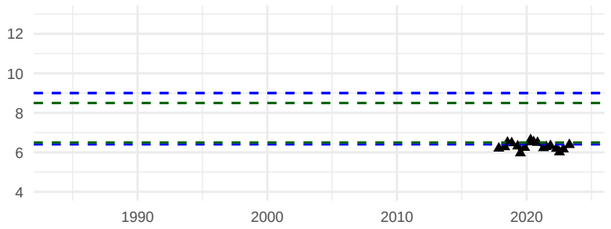
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



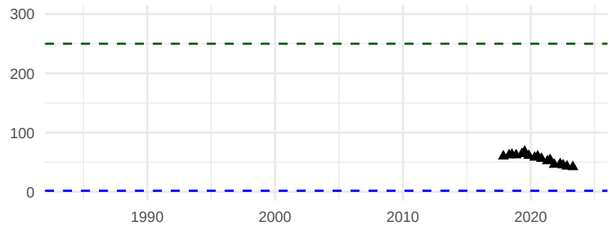
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



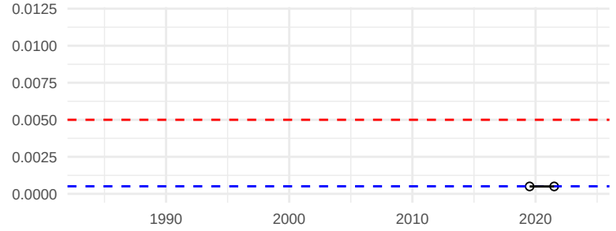
pH (SU) :
SMCL: 6.5 − 8.5 SU



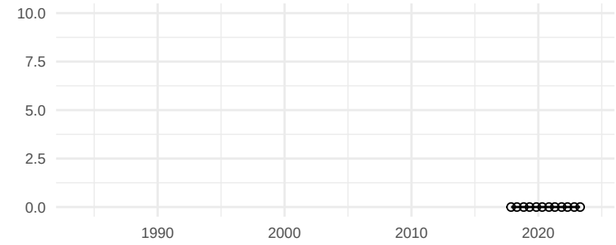
Chloride (mg/L) :
SMCL: 250 mg/L



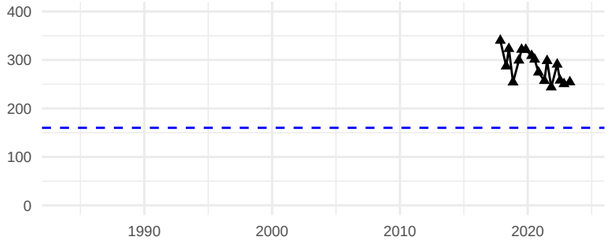
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



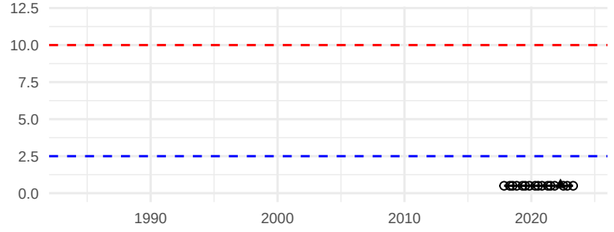
Total VOCs (ug/L) :



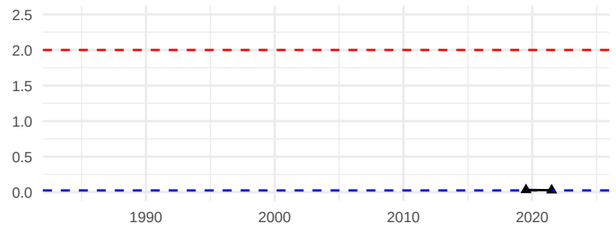
Specific Conductance (uS/cm) :



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



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



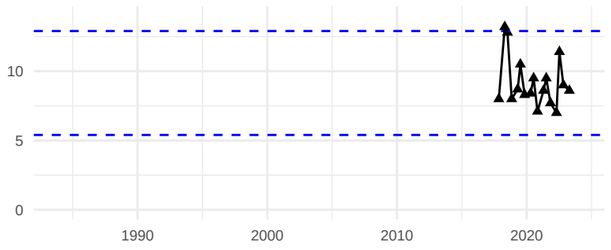
Result

- Detect
- Non−Detect

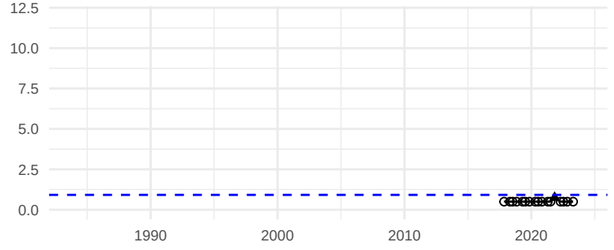
Standard

- AGQS
- SMCL
- Background

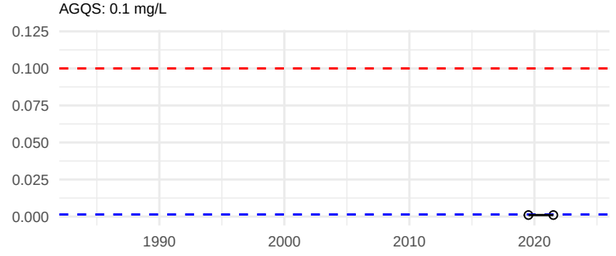
Temperature (C) :

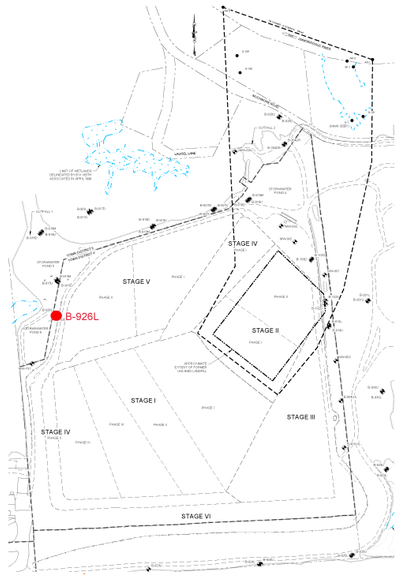


Total Kjeldahl Nitrogen (TKN) (mg/L) :

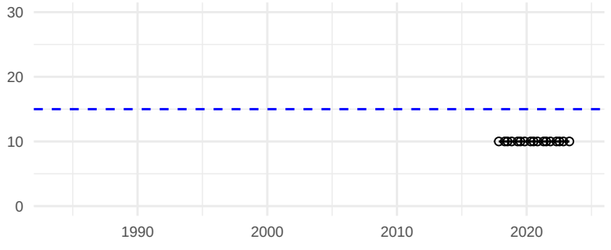


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

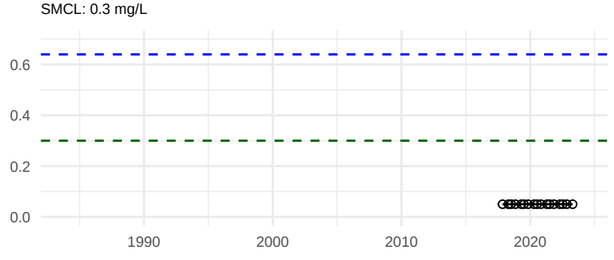




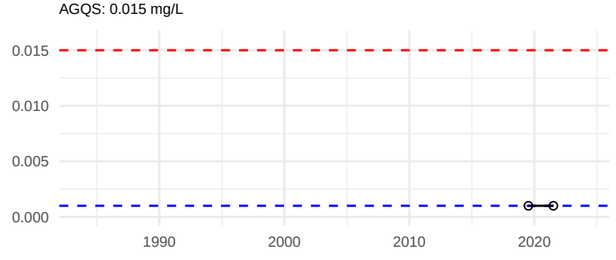
Chemical Oxygen Demand (mg/L) :



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



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



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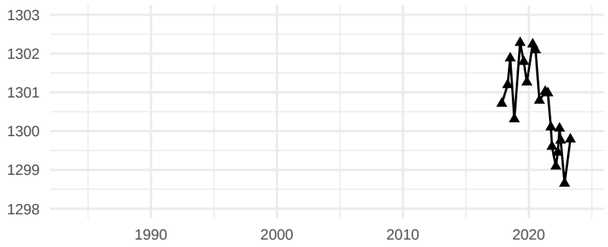
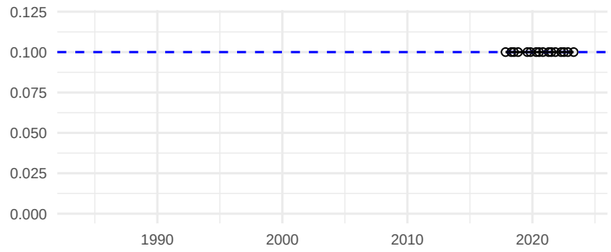
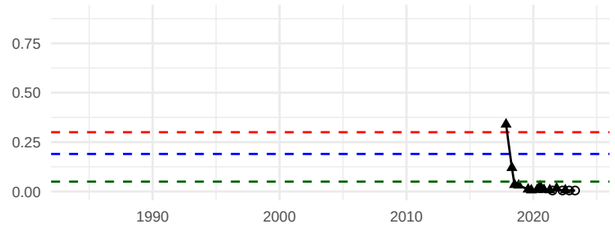
Groundwater Elevation (ft) :



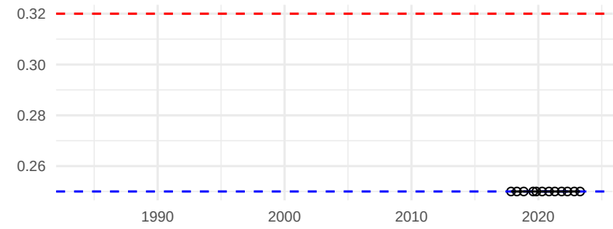
Bromide (mg/L) :



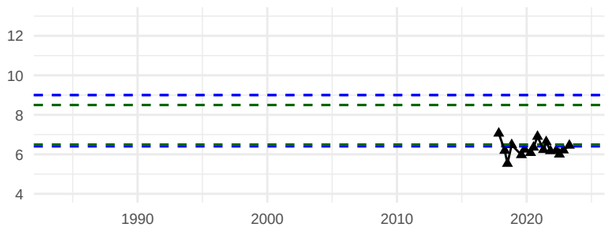
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



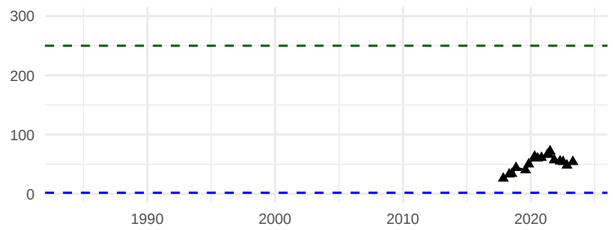
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



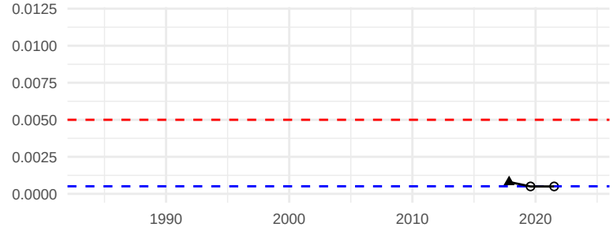
pH (SU) :
SMCL: 6.5 − 8.5 SU



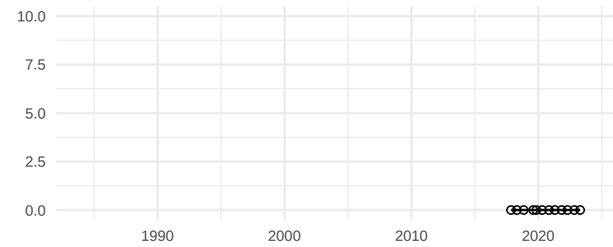
Chloride (mg/L) :
SMCL: 250 mg/L



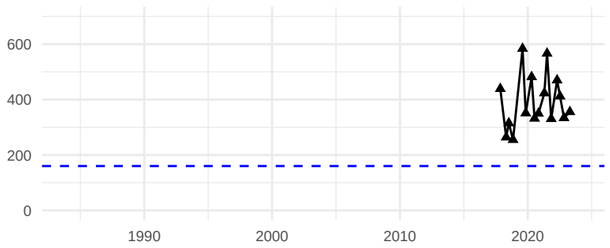
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



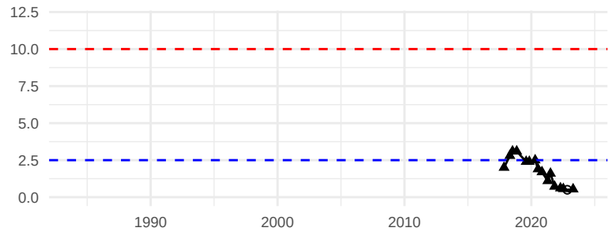
Total VOCs (ug/L) :



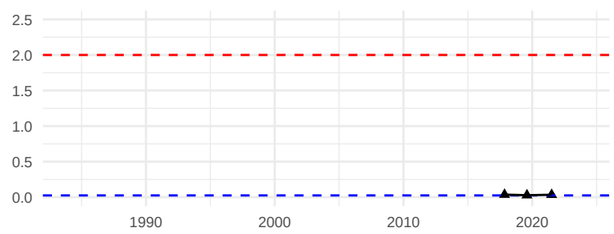
Specific Conductance (uS/cm) :



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



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



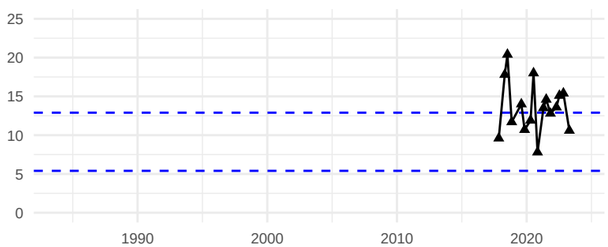
Result

- Detect
- Non−Detect

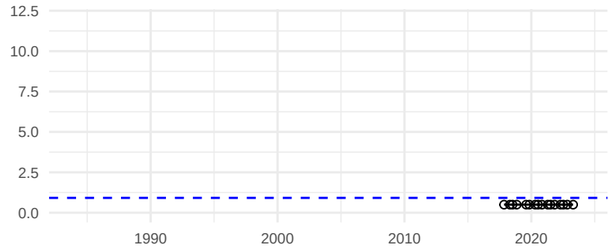
Standard

- AGQS
- SMCL
- Background

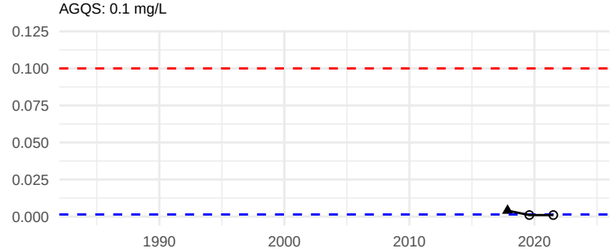
Temperature (C) :

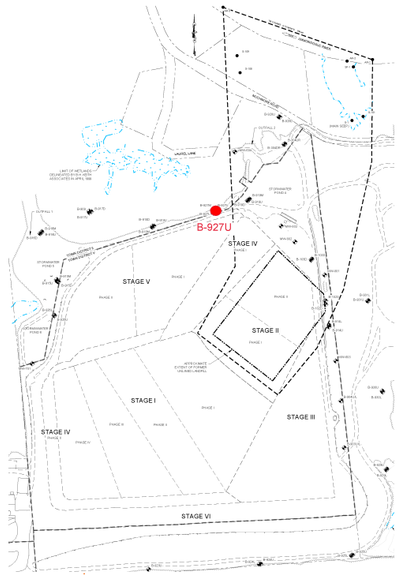


Total Kjeldahl Nitrogen (TKN) (mg/L) :

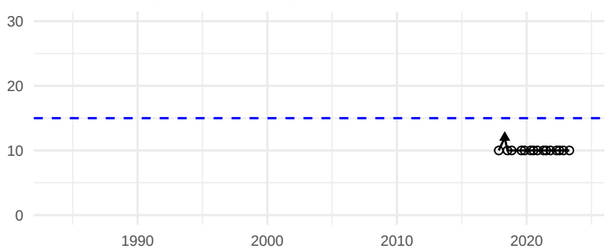


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

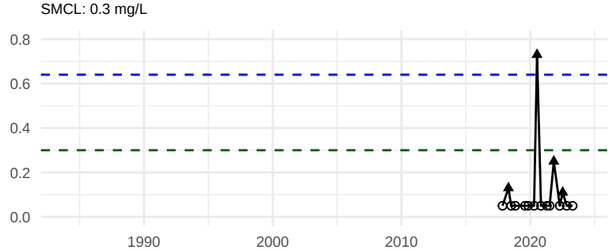




Chemical Oxygen Demand (mg/L) :



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



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

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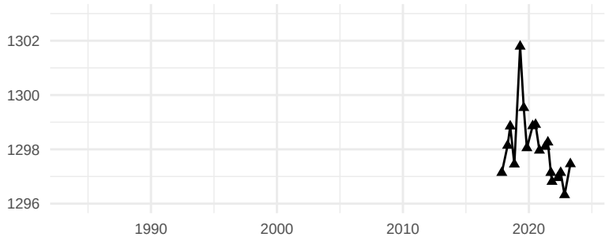
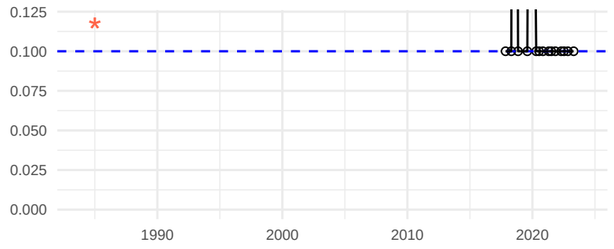
B−927M

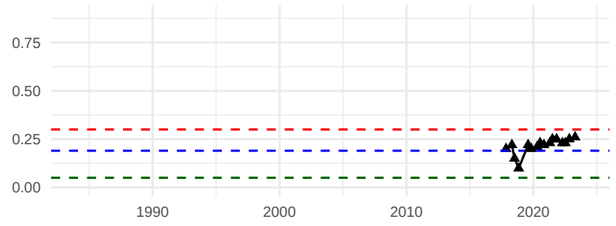
Groundwater Elevation (ft) :



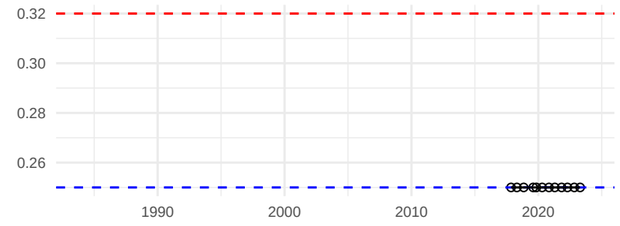
Bromide (mg/L) :



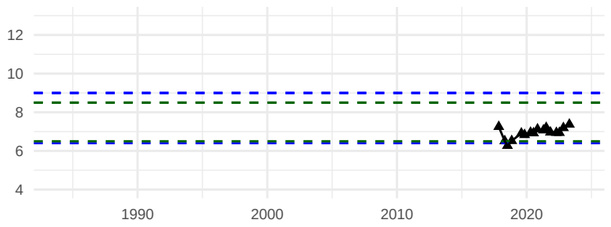
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



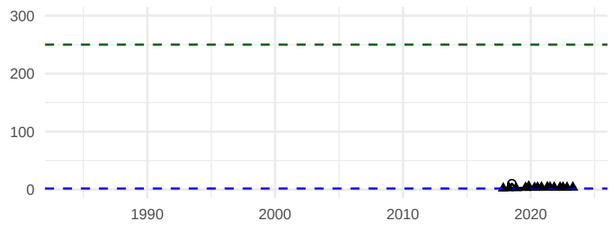
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



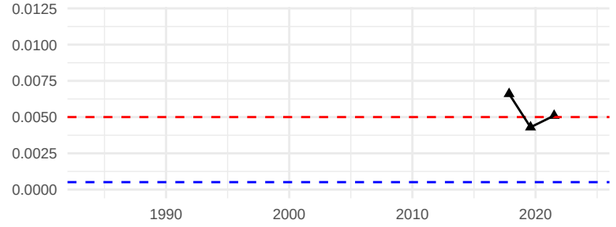
pH (SU) :
SMCL: 6.5 − 8.5 SU



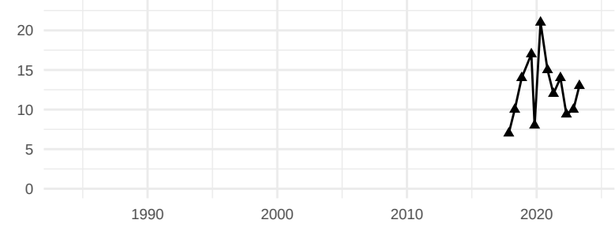
Chloride (mg/L) :
SMCL: 250 mg/L



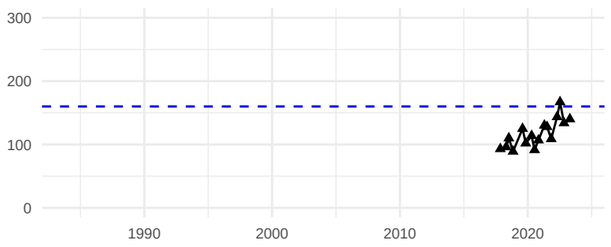
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



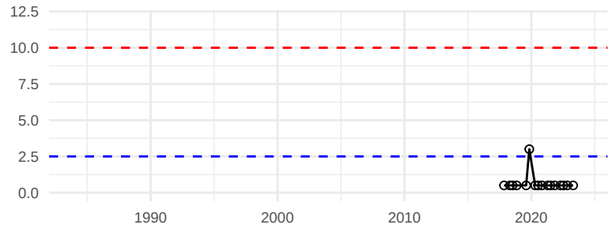
Total VOCs (ug/L) :



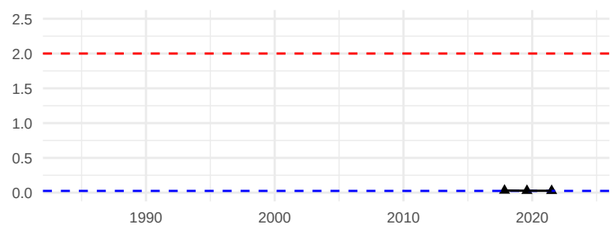
Specific Conductance (uS/cm) :



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



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



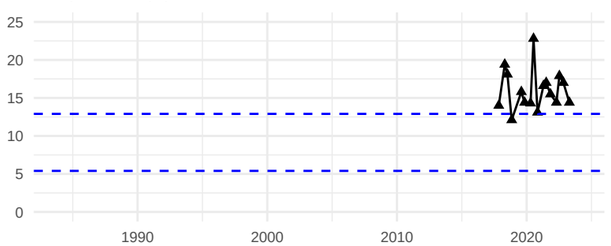
Result

- Detect
- Non−Detect

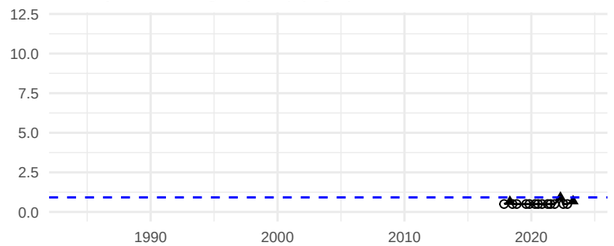
Standard

- AGQS
- SMCL
- Background

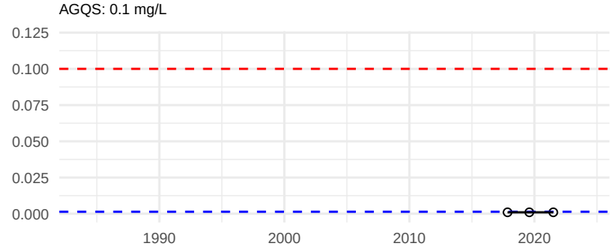
Temperature (C) :

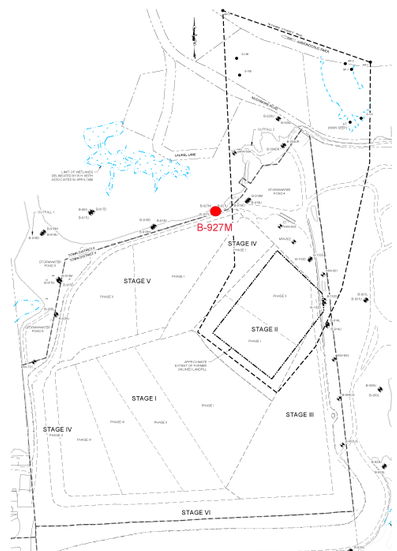


Total Kjeldahl Nitrogen (TKN) (mg/L) :

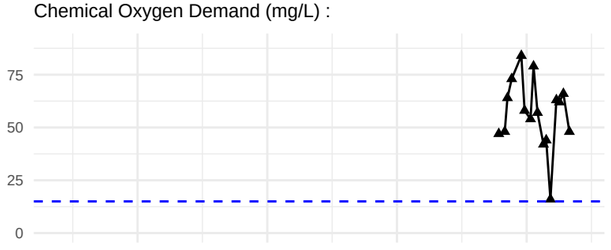


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

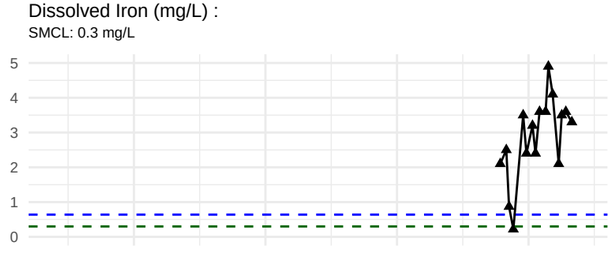




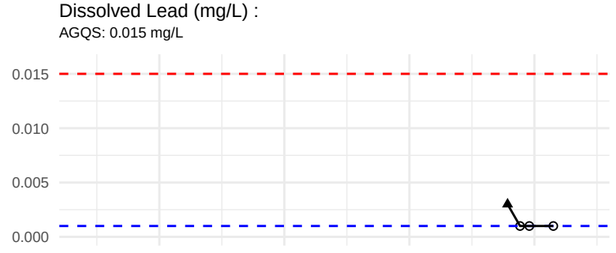
Chemical Oxygen Demand (mg/L) :



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



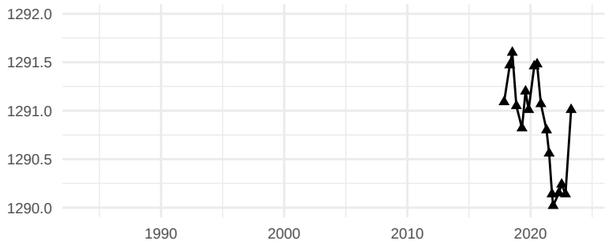
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



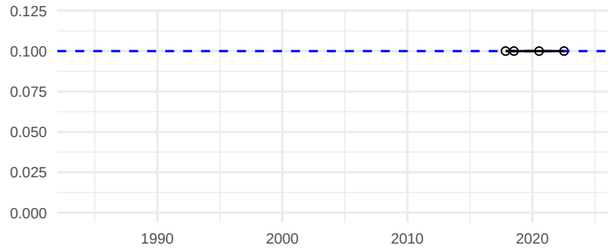
* indicates one or more data points plot outside concentration range shown

B−927L

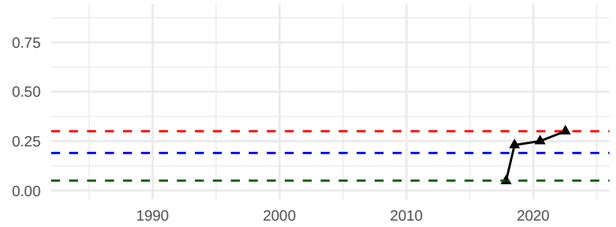
Groundwater Elevation (ft) :



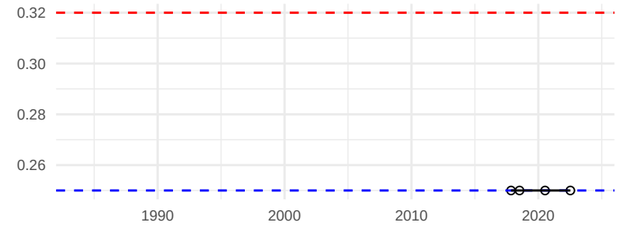
Bromide (mg/L) :



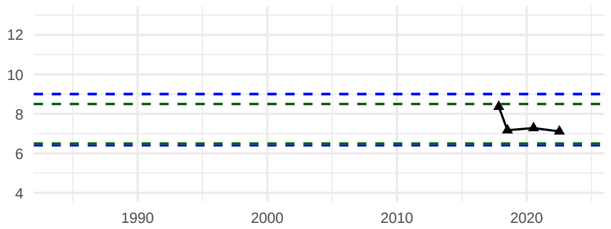
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



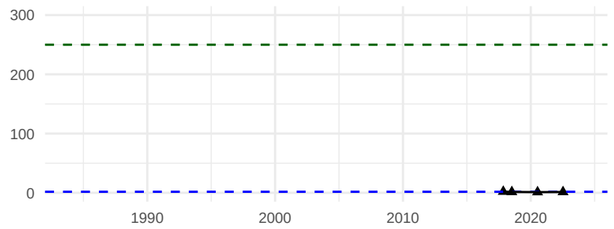
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 − 8.5 SU

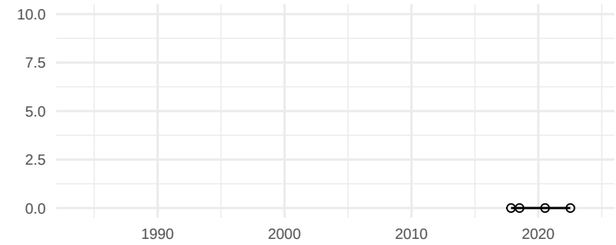


Chloride (mg/L) :
SMCL: 250 mg/L

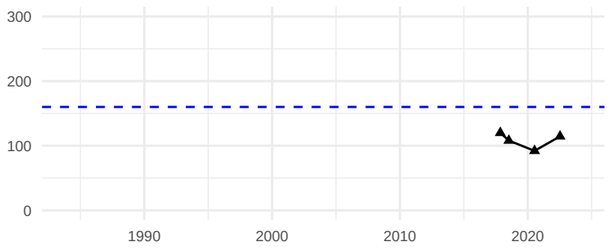


Dissolved Arsenic (mg/L) :
No Data

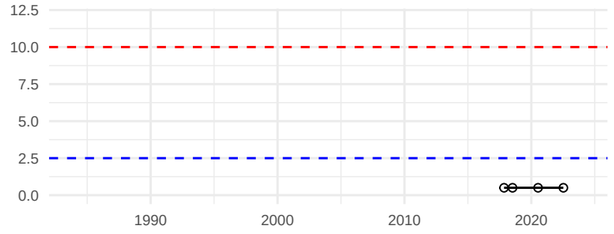
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



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



Dissolved Barium (mg/L) :
No Data

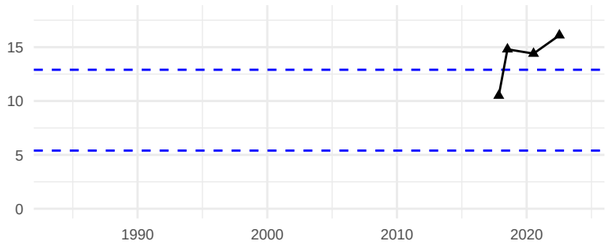
Result

- Detect
- Non−Detect

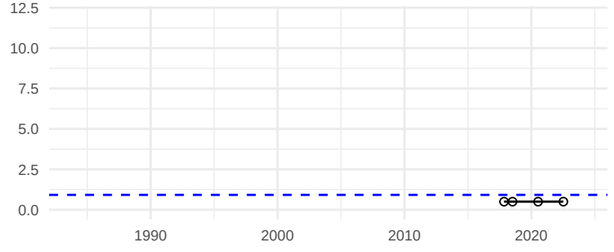
Standard

- AGQS
- SMCL
- Background

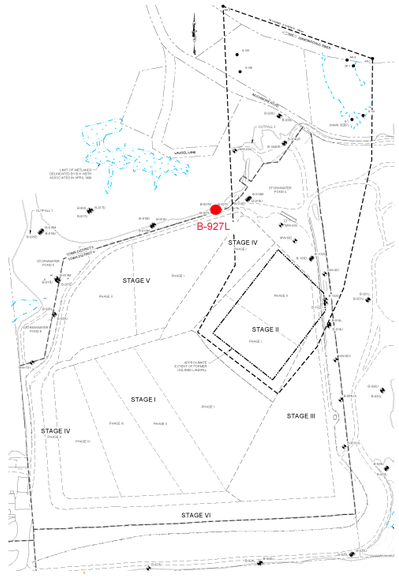
Temperature (C) :



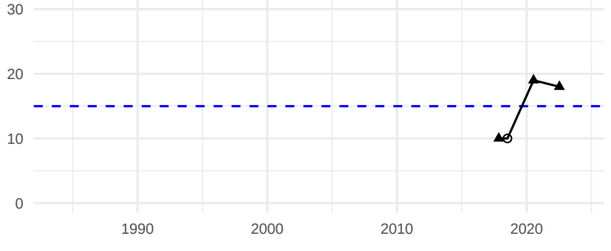
Total Kjeldahl Nitrogen (TKN) (mg/L) :



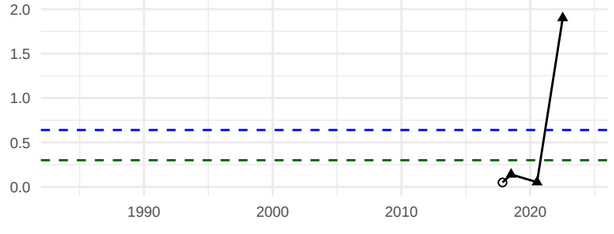
Dissolved Chromium (mg/L) :
No Data



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

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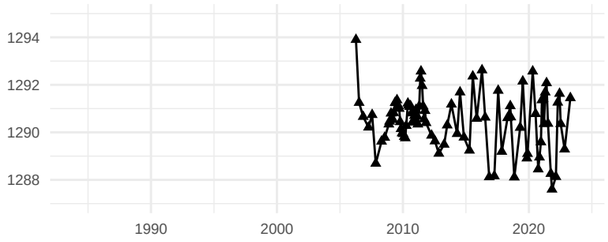
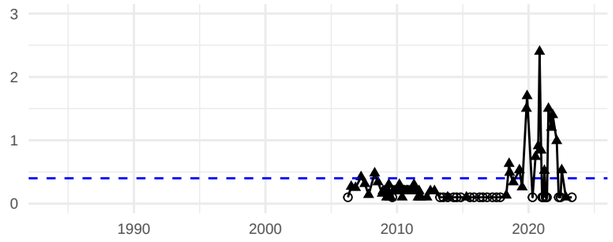
B−304UR

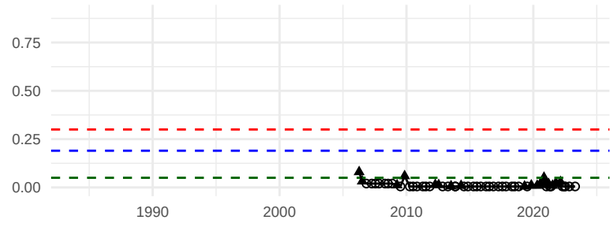
Groundwater Elevation (ft) :



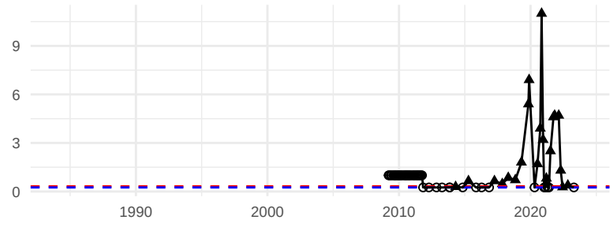
Bromide (mg/L) :



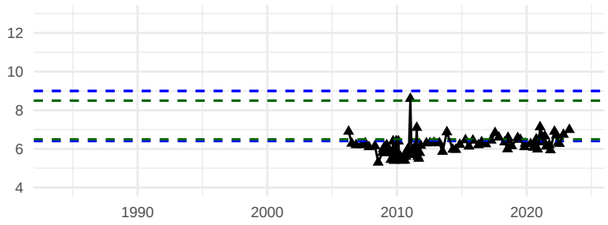
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



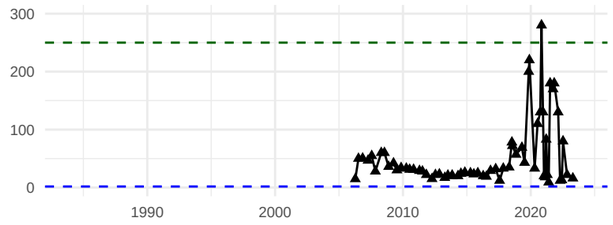
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



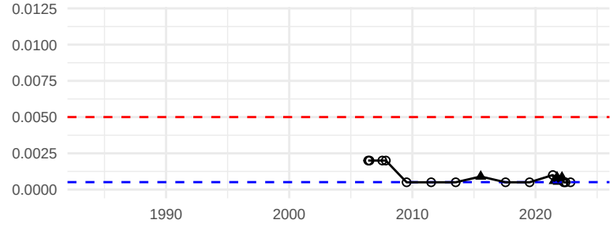
pH (SU) :
SMCL: 6.5 − 8.5 SU



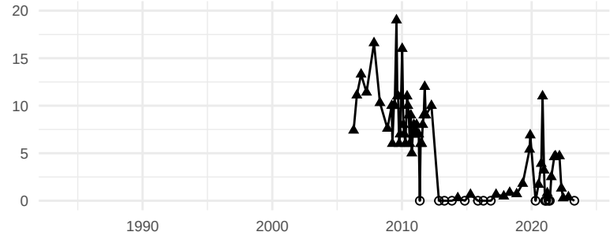
Chloride (mg/L) :
SMCL: 250 mg/L



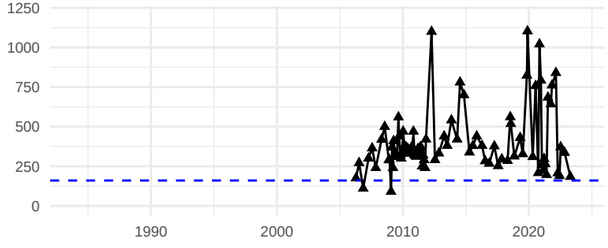
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



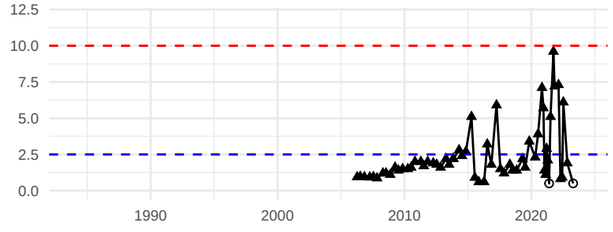
Total VOCs (ug/L) :



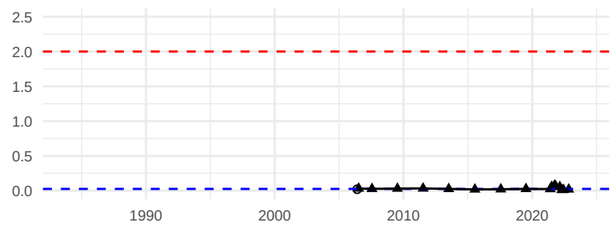
Specific Conductance (uS/cm) :



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



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



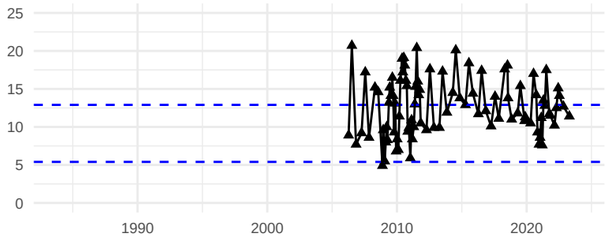
Result

- Detect
- Non−Detect

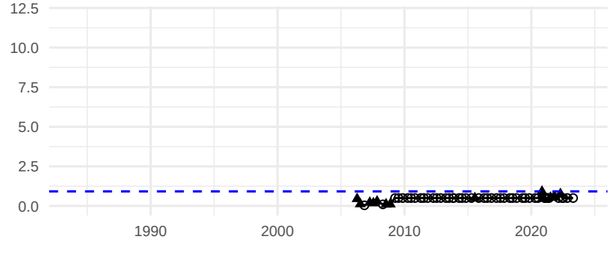
Standard

- AGQS
- SMCL
- Background

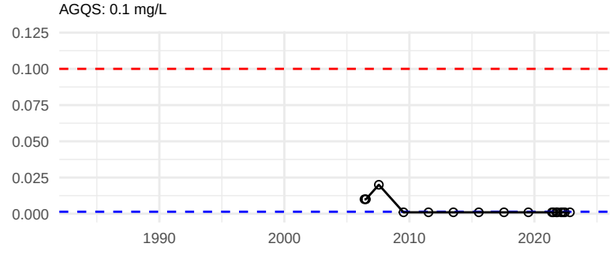
Temperature (C) :

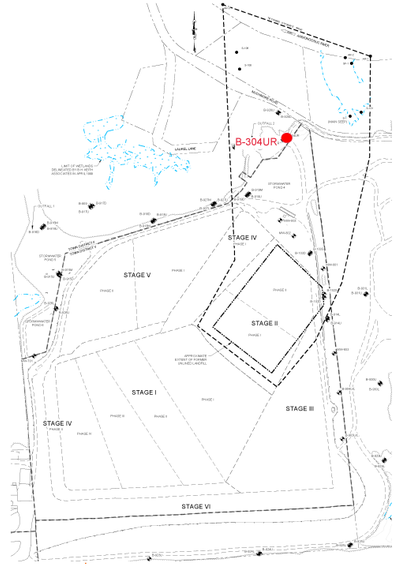


Total Kjeldahl Nitrogen (TKN) (mg/L) :

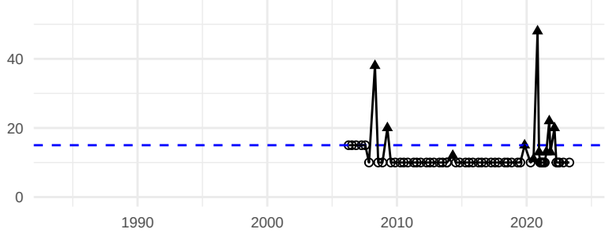


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

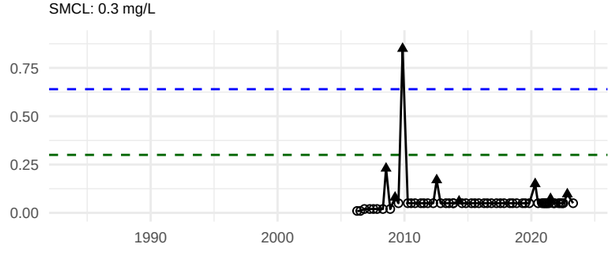




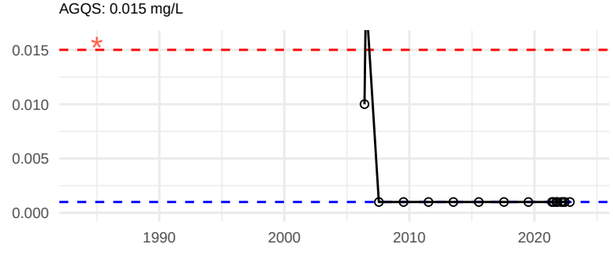
Chemical Oxygen Demand (mg/L) :



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



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

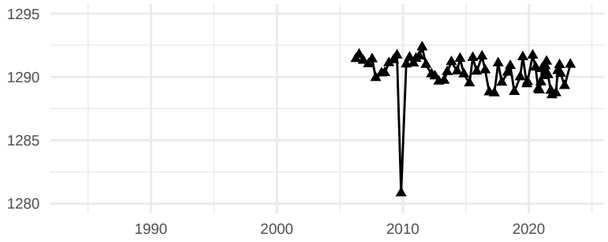


* indicates one or more data points plot outside concentration range shown

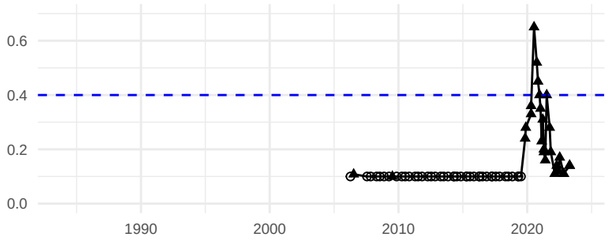
Sanborn, Head & Associates, Inc.

B−304DR

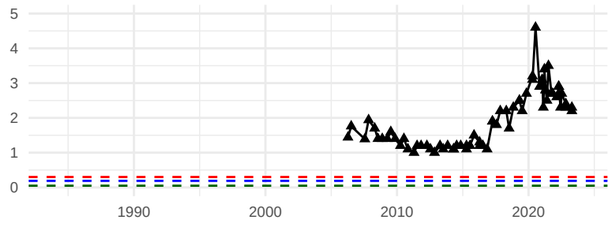
Groundwater Elevation (ft) :



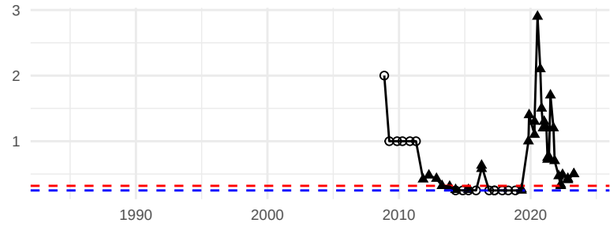
Bromide (mg/L) :



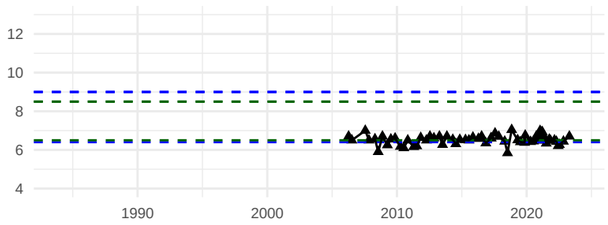
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



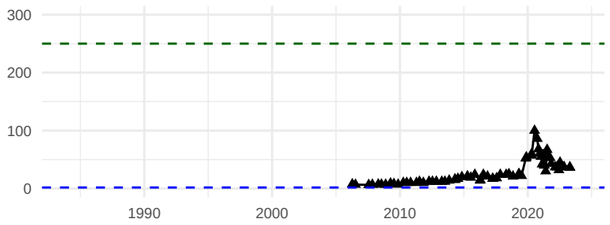
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



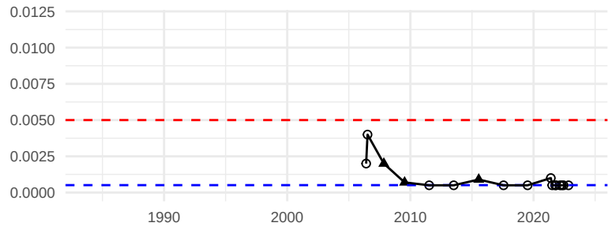
pH (SU) :
SMCL: 6.5 − 8.5 SU



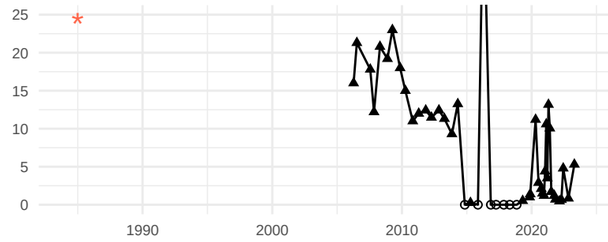
Chloride (mg/L) :
SMCL: 250 mg/L



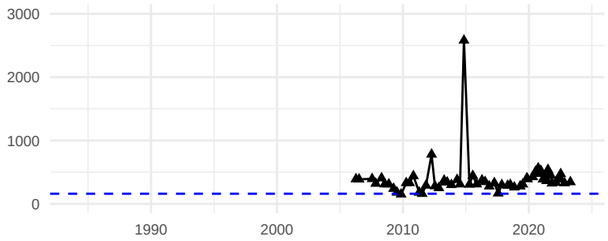
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



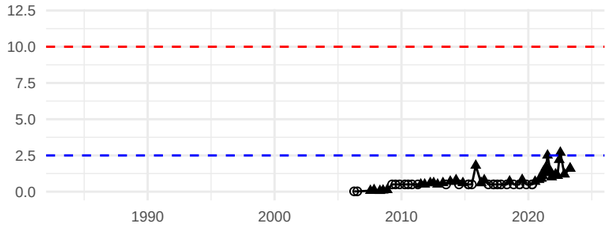
Total VOCs (ug/L) :



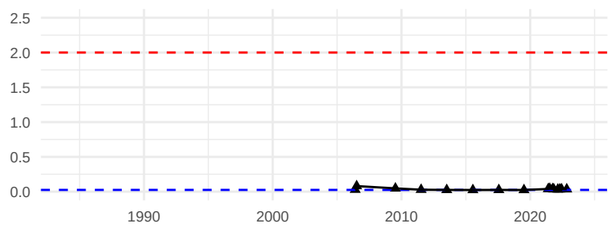
Specific Conductance (uS/cm) :



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



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



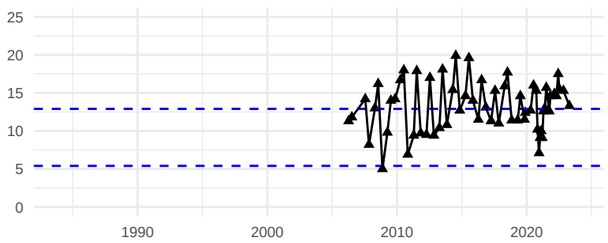
Result

- Detect
- Non−Detect

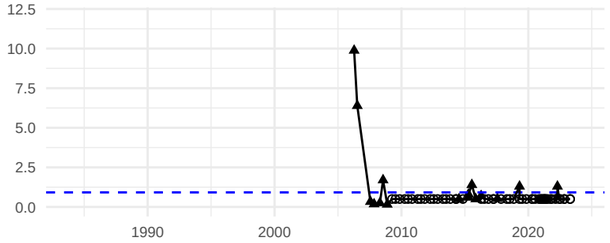
Standard

- AGQS
- SMCL
- Background

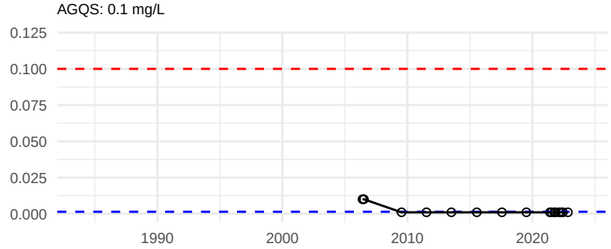
Temperature (C) :

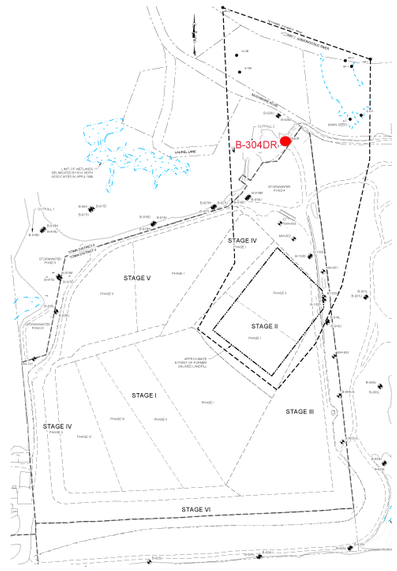


Total Kjeldahl Nitrogen (TKN) (mg/L) :

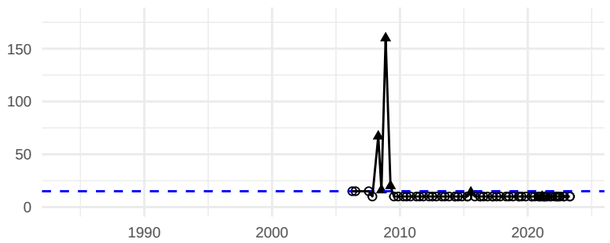


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

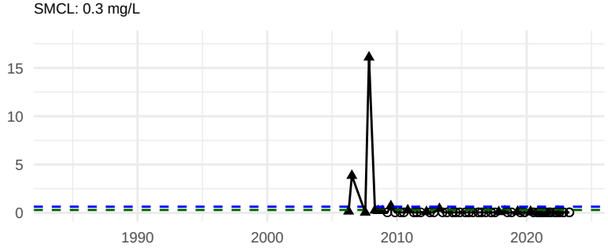




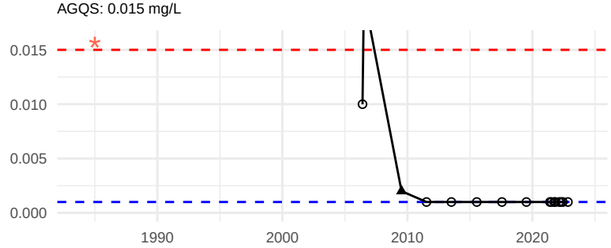
Chemical Oxygen Demand (mg/L) :



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



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



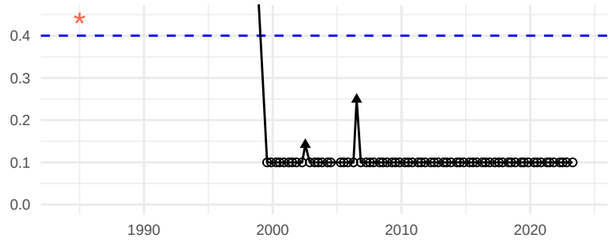
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

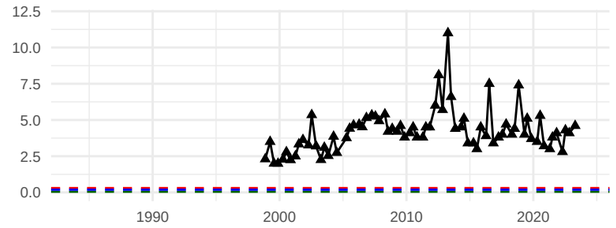
MW−801

Groundwater Elevation (ft) :

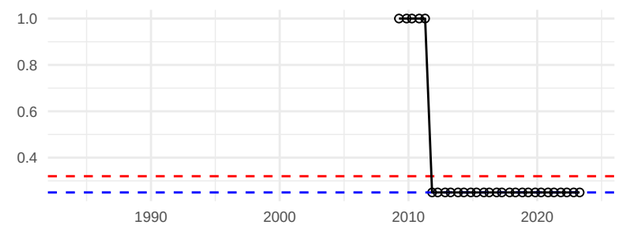
Bromide (mg/L) :



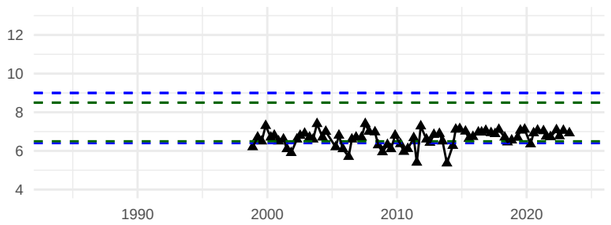
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



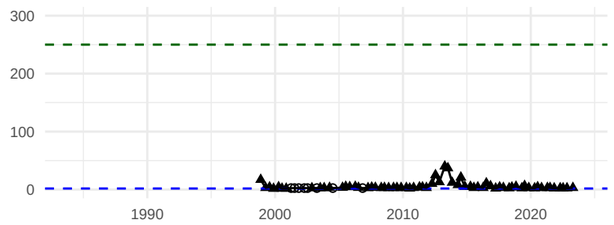
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



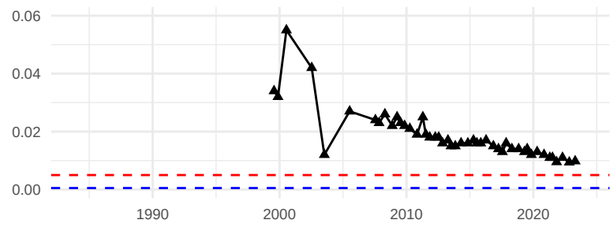
pH (SU) :
SMCL: 6.5 − 8.5 SU



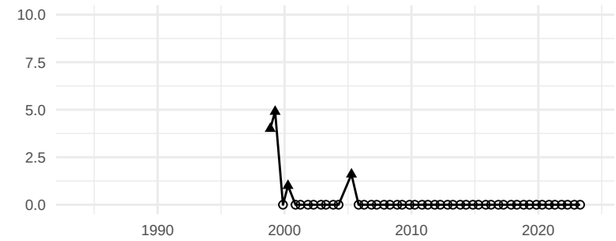
Chloride (mg/L) :
SMCL: 250 mg/L



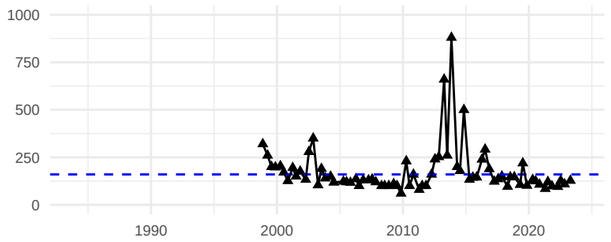
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



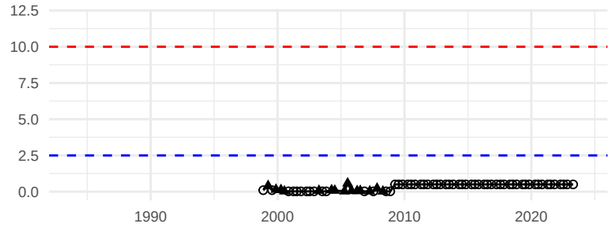
Total VOCs (ug/L) :



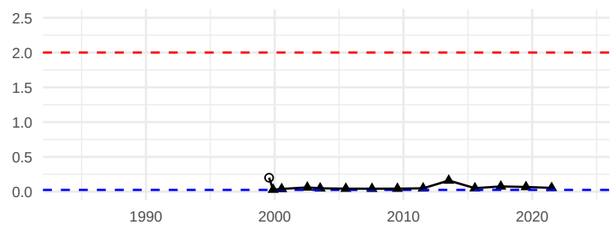
Specific Conductance (uS/cm) :



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



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



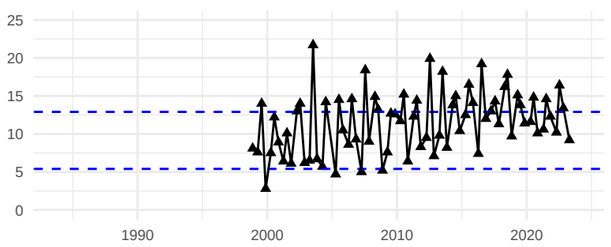
Result

- Detect
- Non−Detect

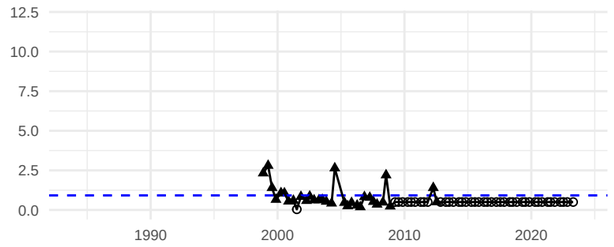
Standard

- AGQS
- SMCL
- Background

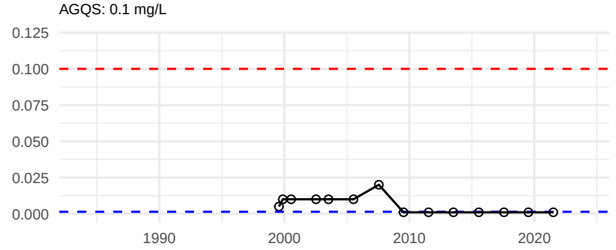
Temperature (C) :

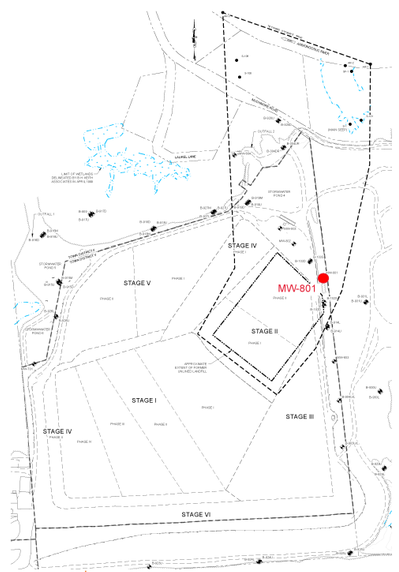


Total Kjeldahl Nitrogen (TKN) (mg/L) :

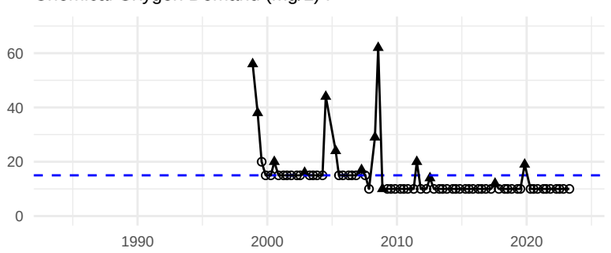


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L



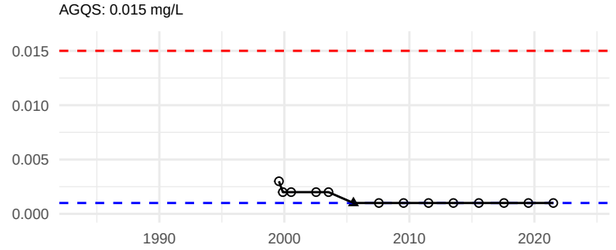


Chemical Oxygen Demand (mg/L) :



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.

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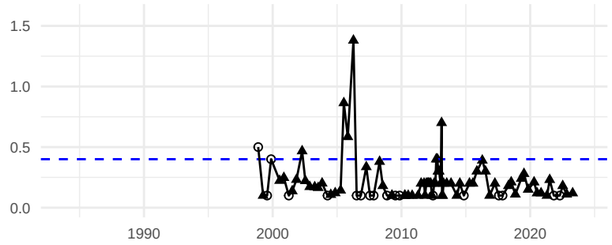
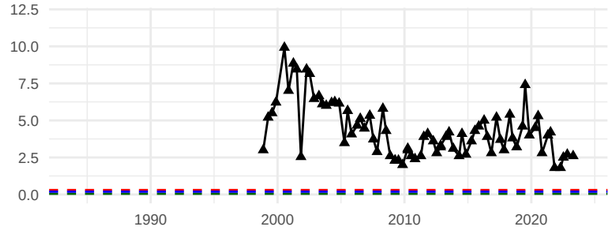
Groundwater Elevation (ft) :

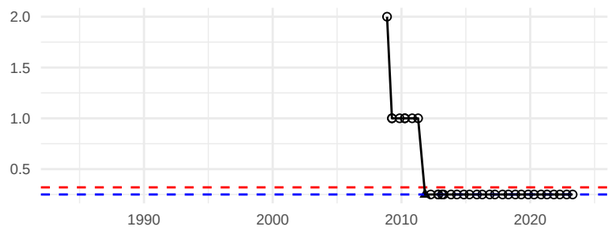
Bromide (mg/L) :



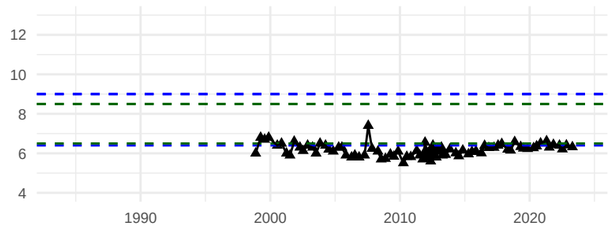
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



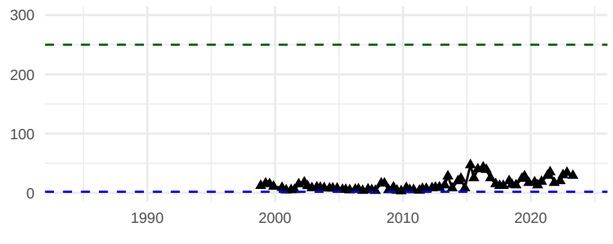
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



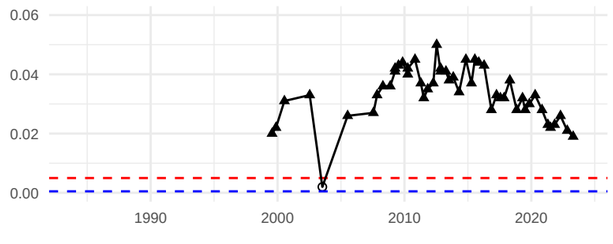
pH (SU) :
SMCL: 6.5 − 8.5 SU



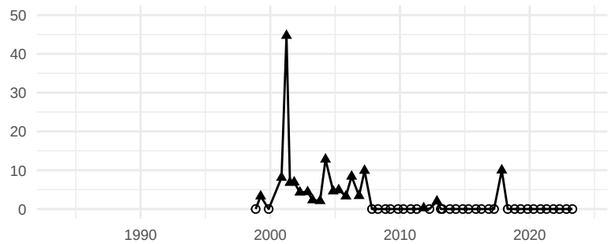
Chloride (mg/L) :
SMCL: 250 mg/L



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

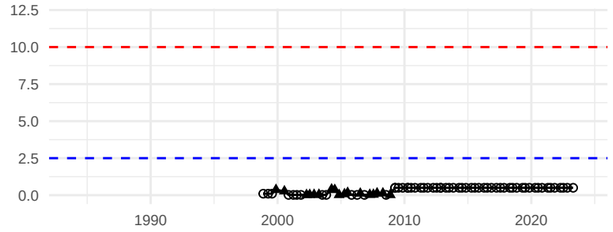


Total VOCs (ug/L) :

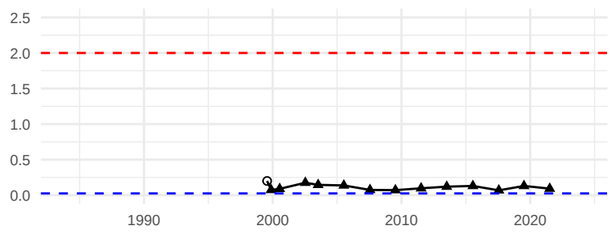


Specific Conductance (uS/cm) :

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



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



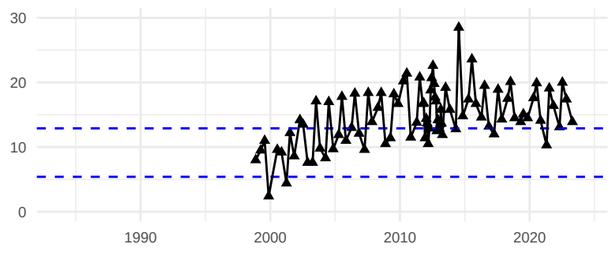
Result

- Detect
- Non−Detect

Standard

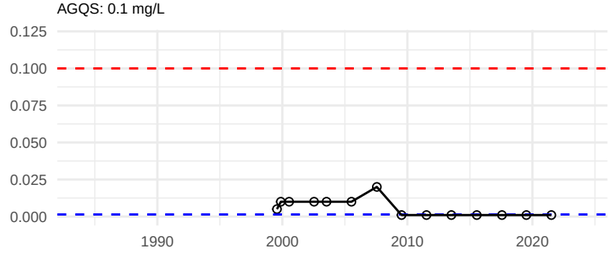
- AGQS
- SMCL
- Background

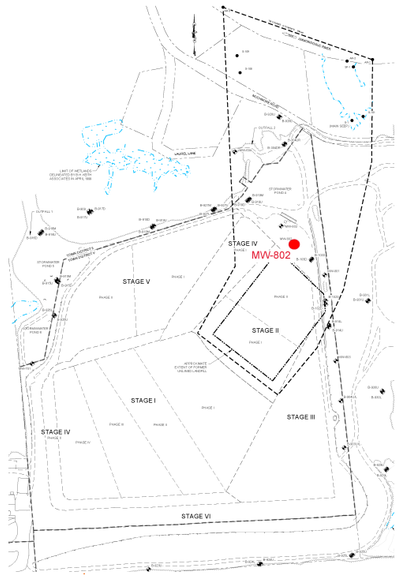
Temperature (C) :



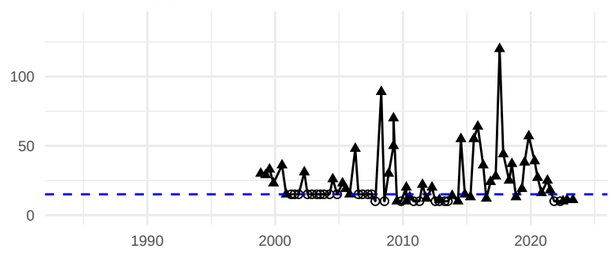
Total Kjeldahl Nitrogen (TKN) (mg/L) :

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

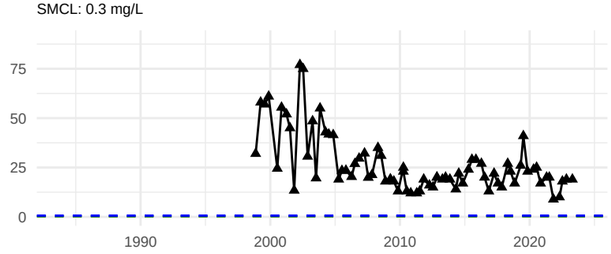




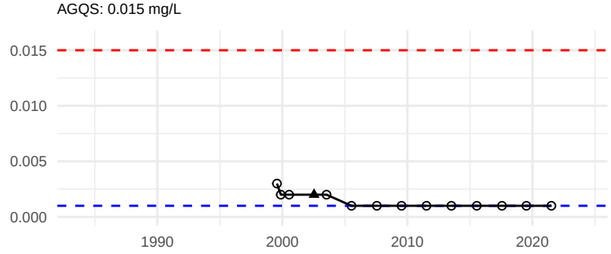
Chemical Oxygen Demand (mg/L) :



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



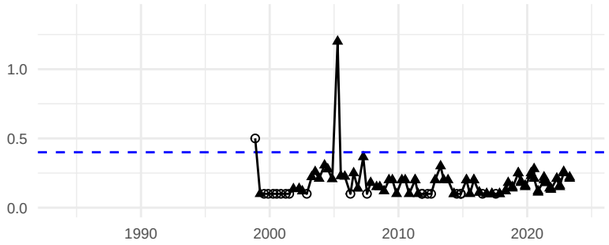
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



MW−803

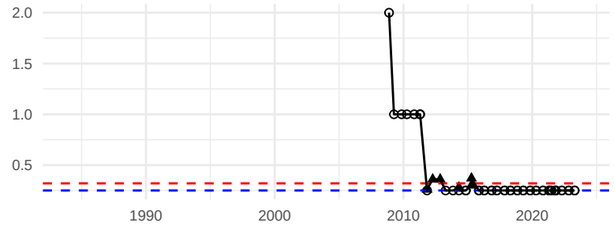
Groundwater Elevation (ft) :

Bromide (mg/L) :

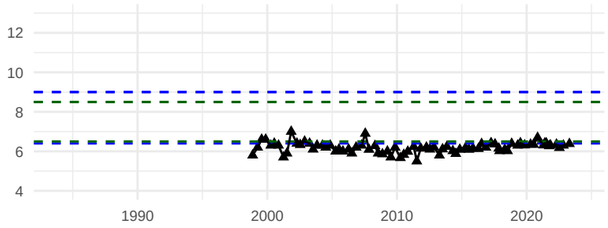


Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L

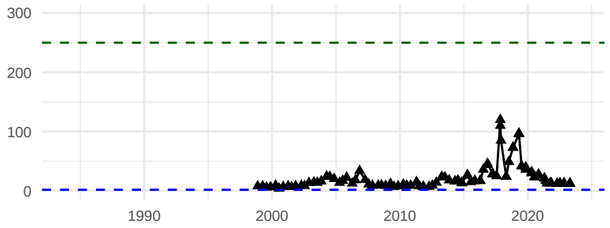
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



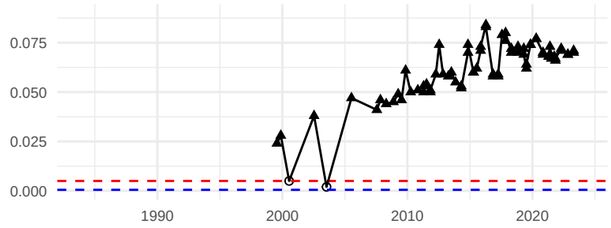
pH (SU) :
SMCL: 6.5 − 8.5 SU



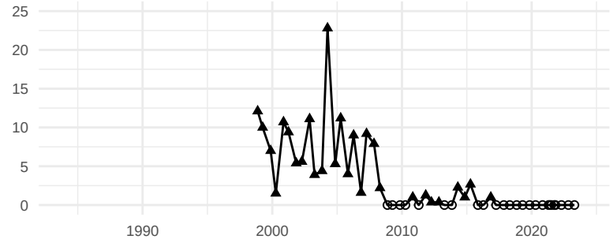
Chloride (mg/L) :
SMCL: 250 mg/L



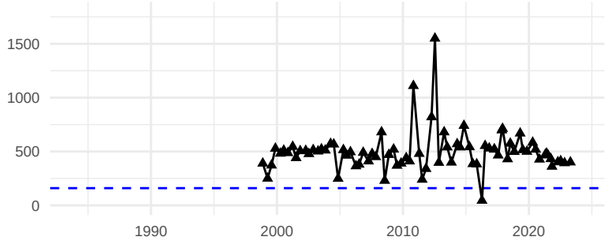
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



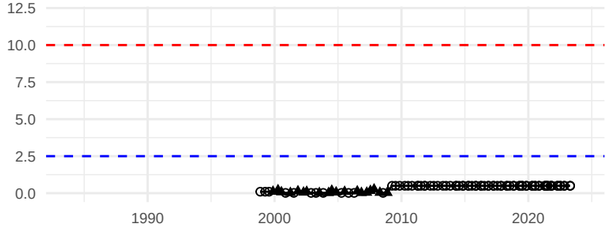
Total VOCs (ug/L) :



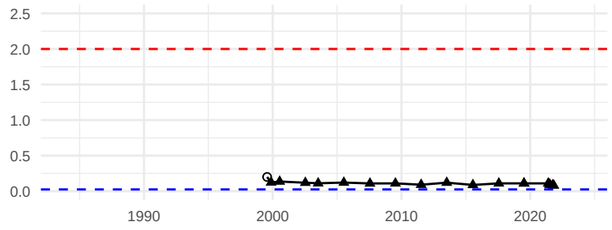
Specific Conductance (uS/cm) :



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



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



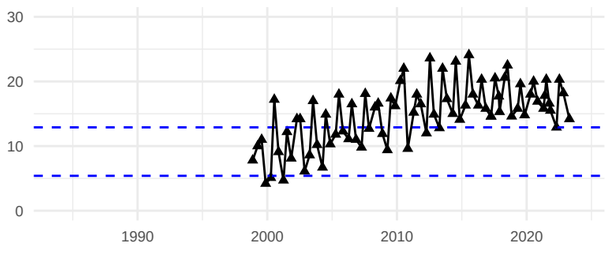
Result

- Detect
- Non−Detect

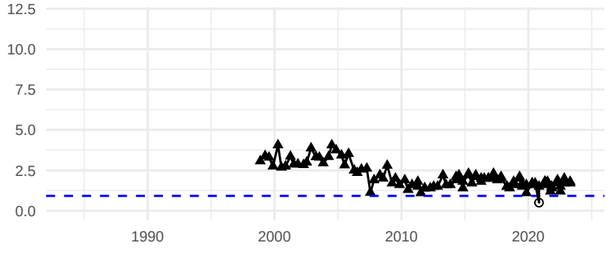
Standard

- AGQS
- SMCL
- Background

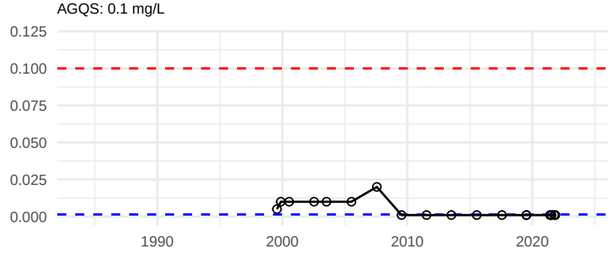
Temperature (C) :

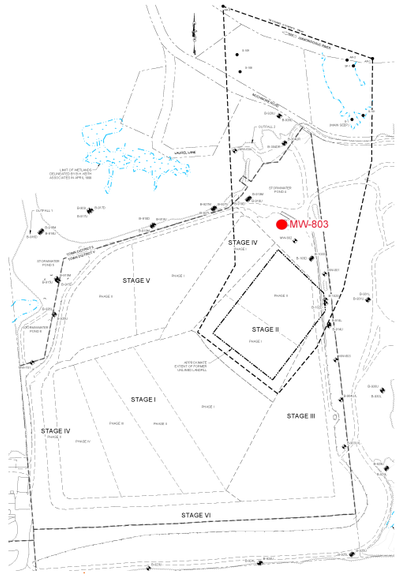


Total Kjeldahl Nitrogen (TKN) (mg/L) :

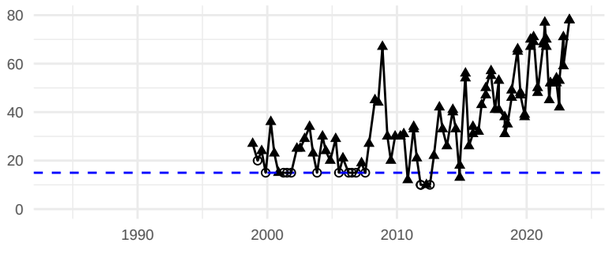


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

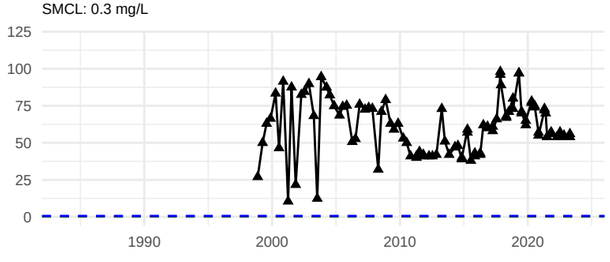




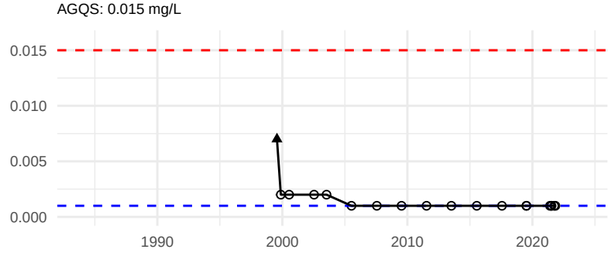
Chemical Oxygen Demand (mg/L) :



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

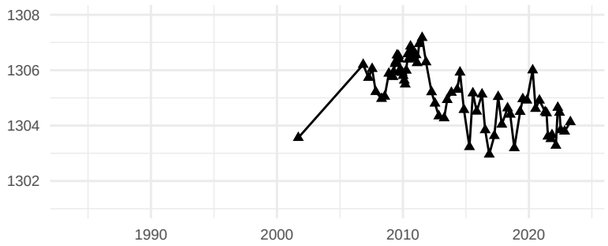


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

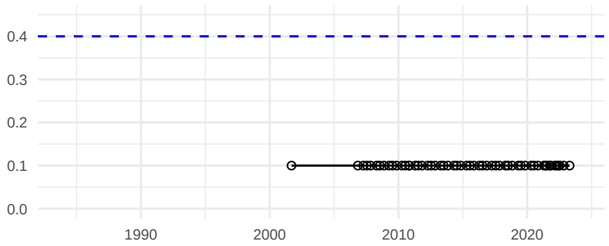


B−919U

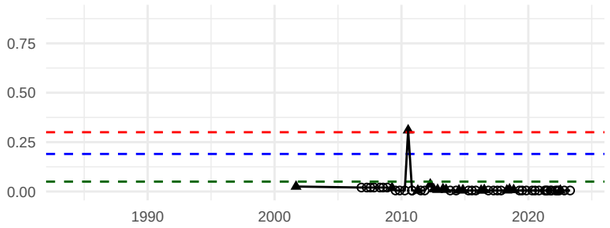
Groundwater Elevation (ft) :



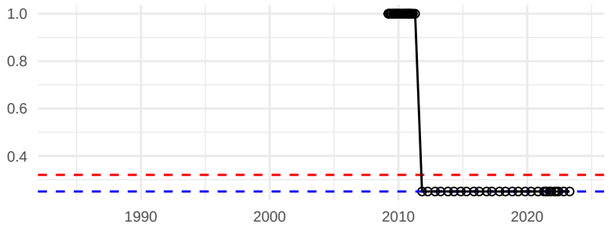
Bromide (mg/L) :



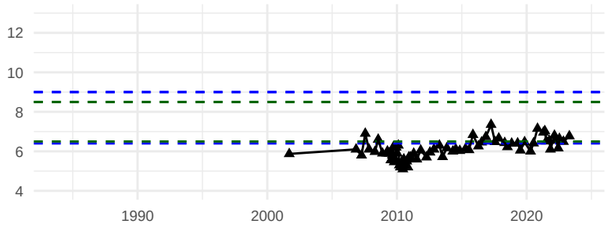
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



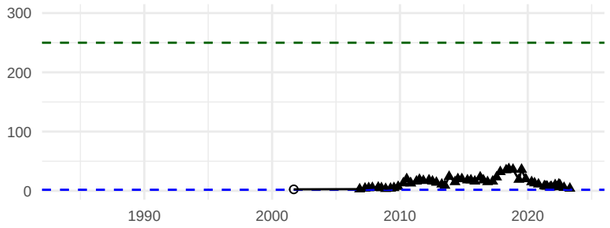
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



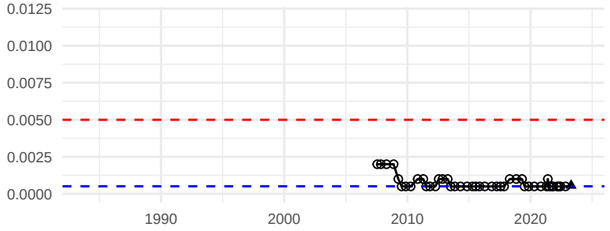
pH (SU) :
SMCL: 6.5 − 8.5 SU



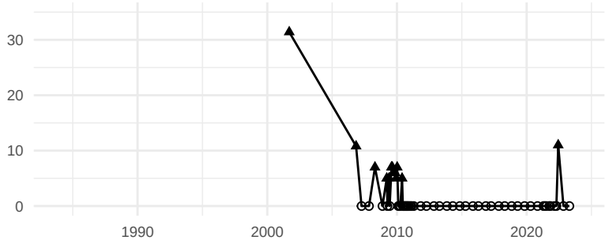
Chloride (mg/L) :
SMCL: 250 mg/L



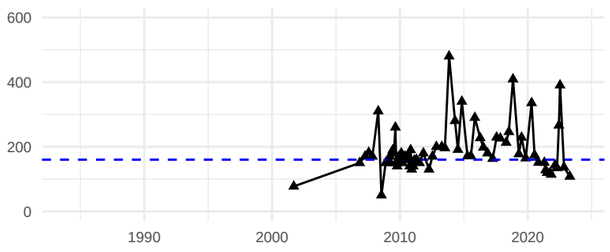
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



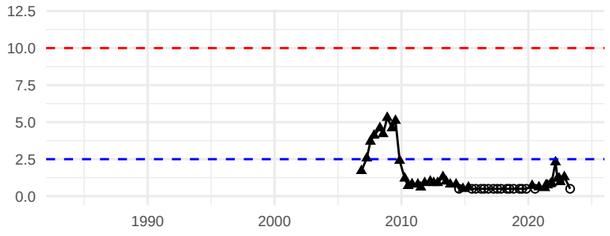
Total VOCs (ug/L) :



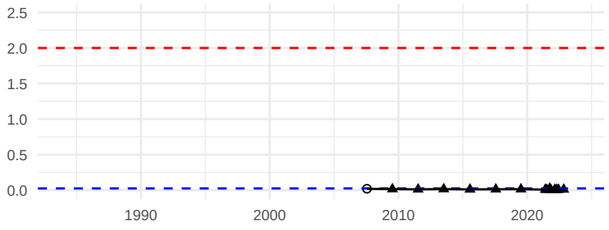
Specific Conductance (uS/cm) :



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



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



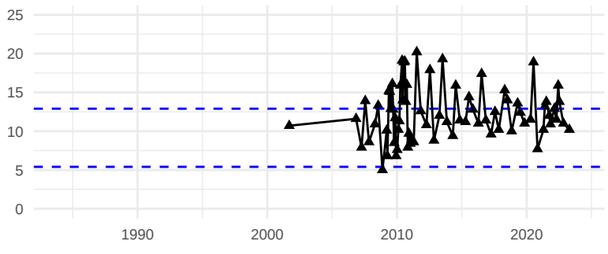
Result

- Detect
- Non−Detect

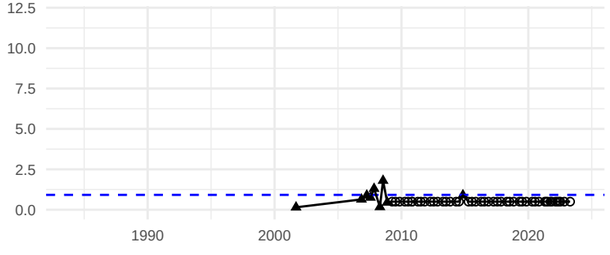
Standard

- AGQS
- SMCL
- Background

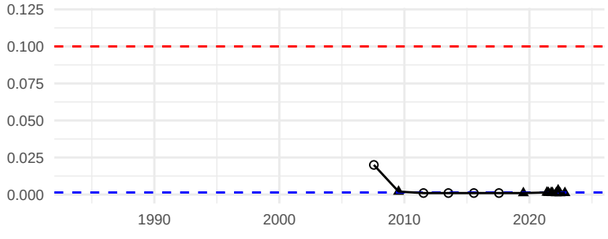
Temperature (C) :

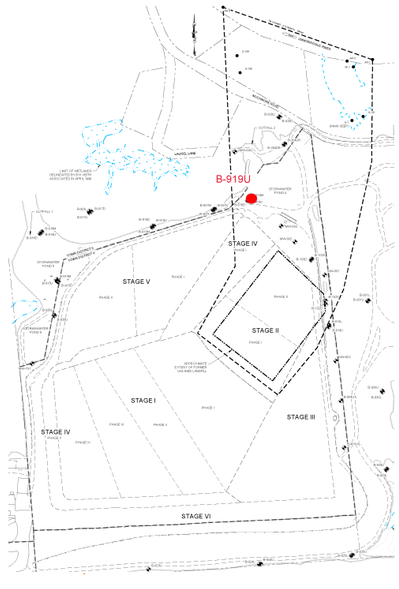


Total Kjeldahl Nitrogen (TKN) (mg/L) :

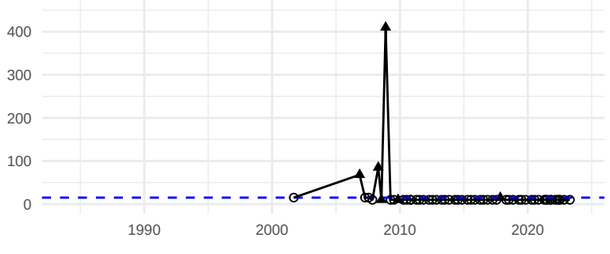


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

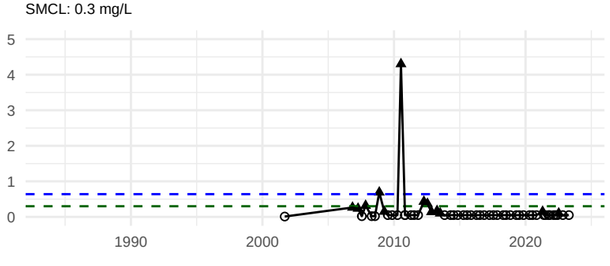




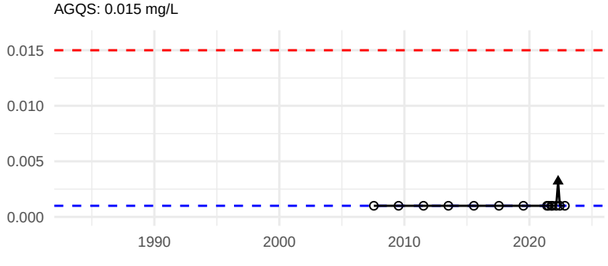
Chemical Oxygen Demand (mg/L) :



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

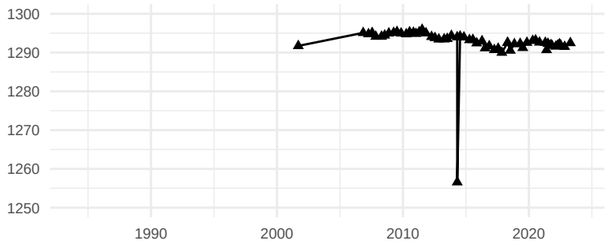


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

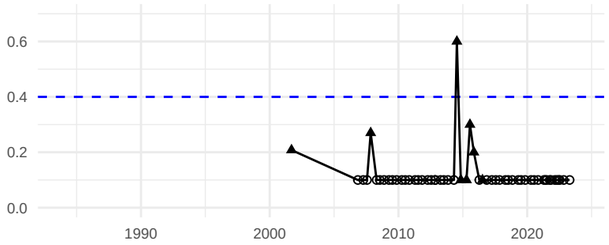


B−919M

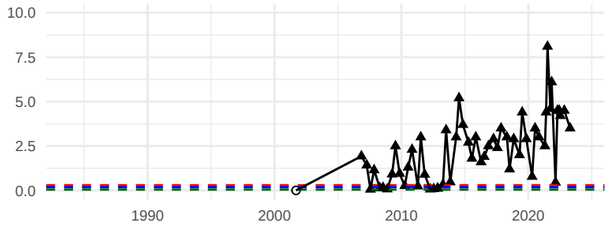
Groundwater Elevation (ft) :



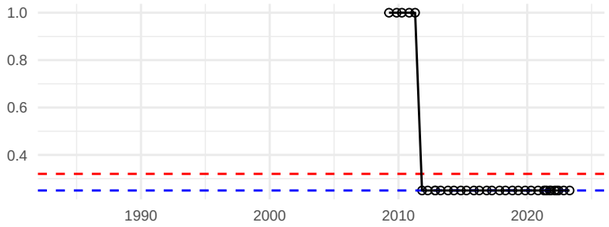
Bromide (mg/L) :



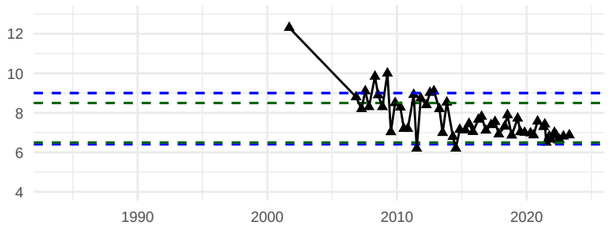
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



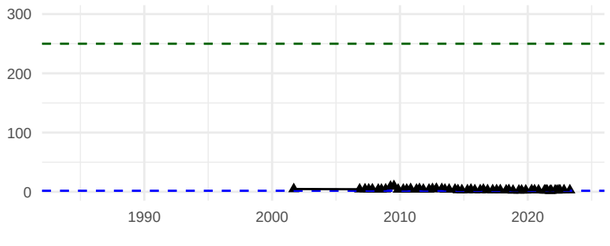
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



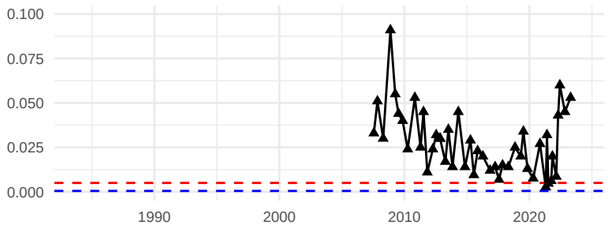
pH (SU) :
SMCL: 6.5 − 8.5 SU



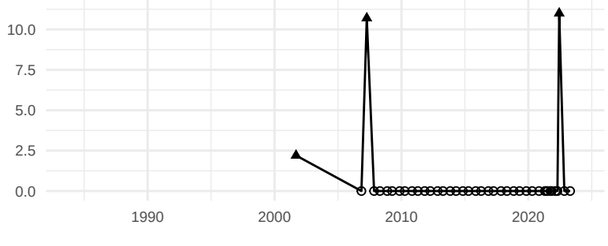
Chloride (mg/L) :
SMCL: 250 mg/L



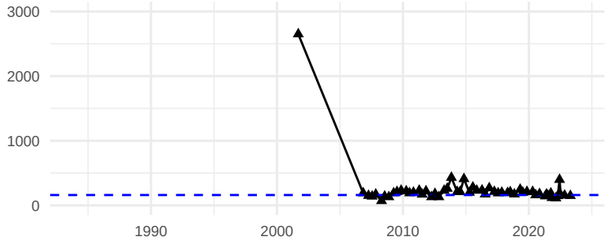
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



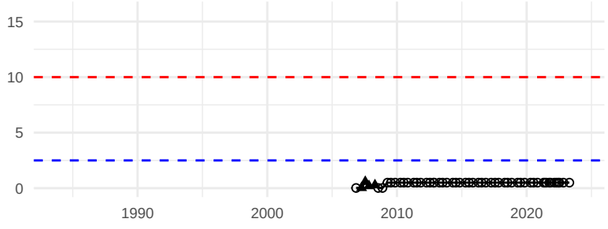
Total VOCs (ug/L) :



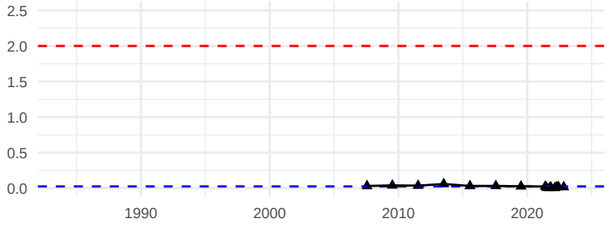
Specific Conductance (uS/cm) :



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



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



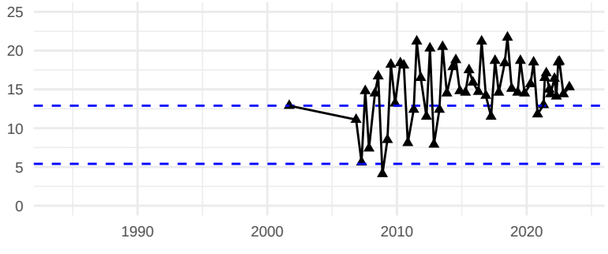
Result

- Detect
- Non−Detect

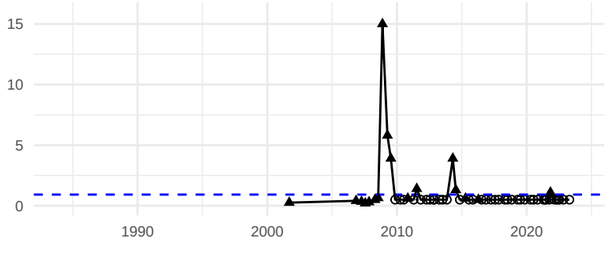
Standard

- AGQS
- SMCL
- Background

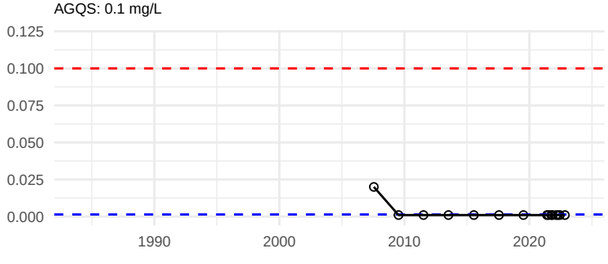
Temperature (C) :

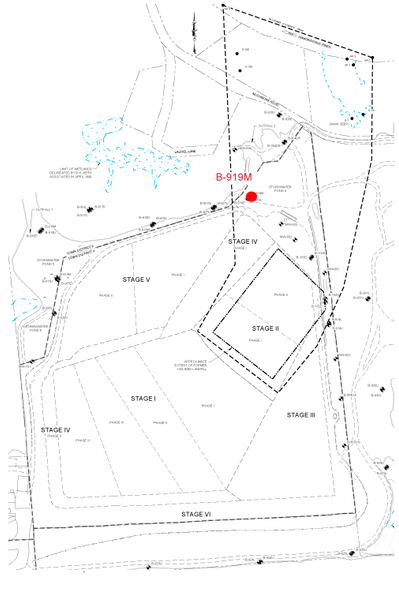


Total Kjeldahl Nitrogen (TKN) (mg/L) :

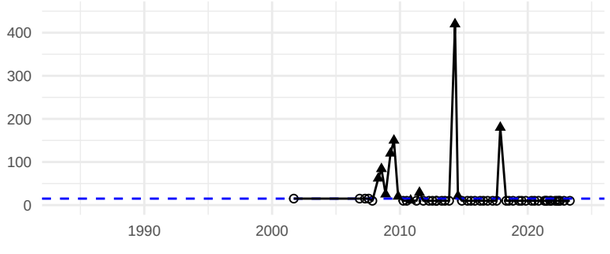


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

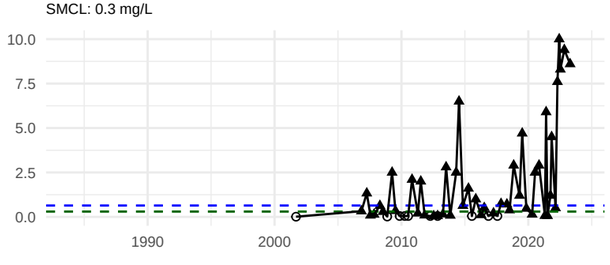




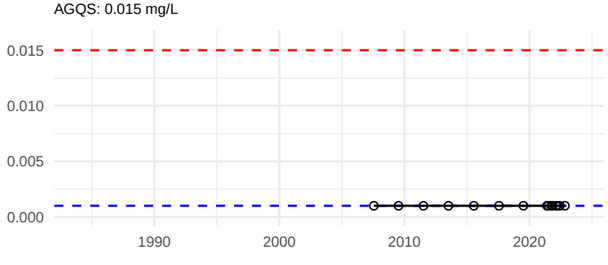
Chemical Oxygen Demand (mg/L) :



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

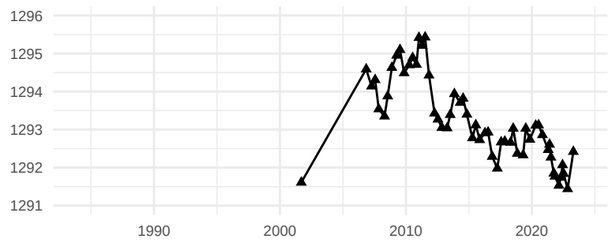


Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L

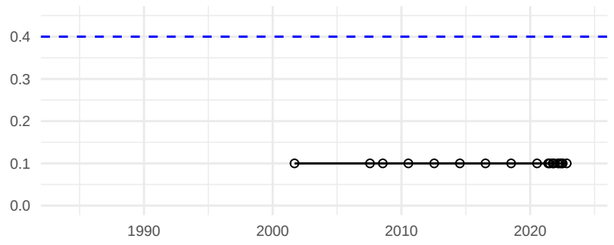


B−919D

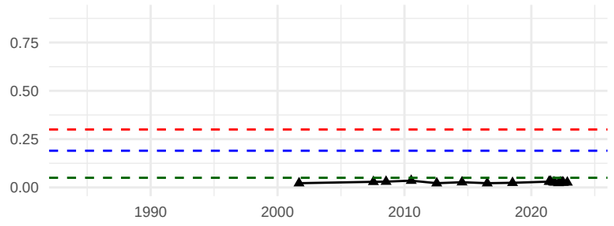
Groundwater Elevation (ft) :



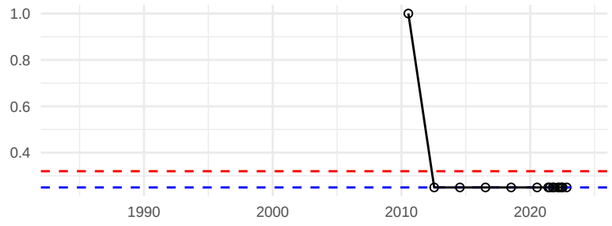
Bromide (mg/L) :



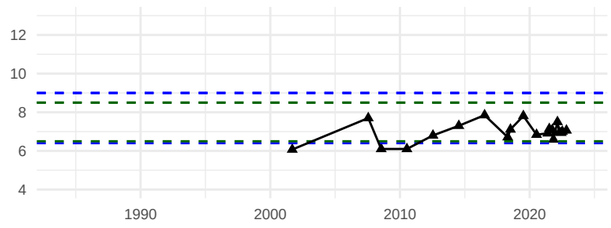
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



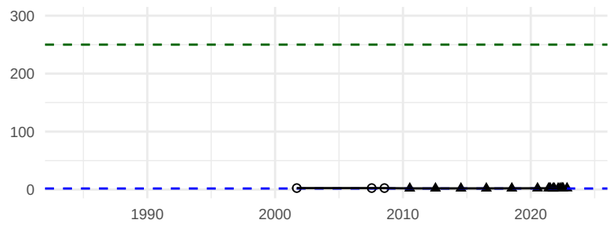
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



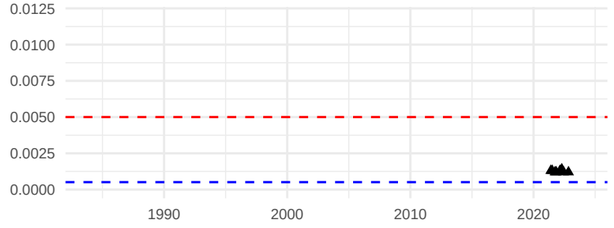
pH (SU) :
SMCL: 6.5 − 8.5 SU



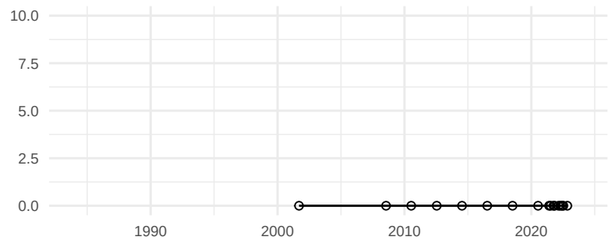
Chloride (mg/L) :
SMCL: 250 mg/L



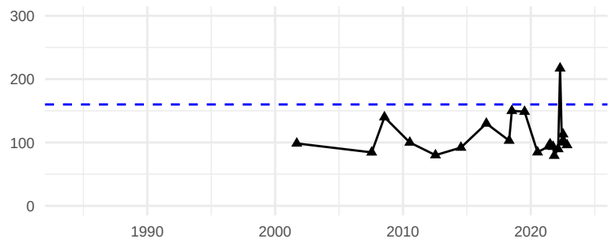
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



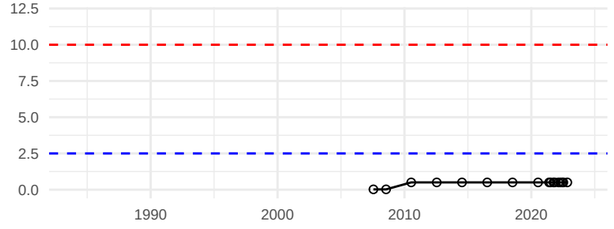
Total VOCs (ug/L) :



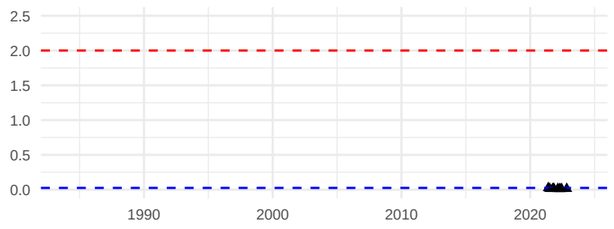
Specific Conductance (uS/cm) :



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



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



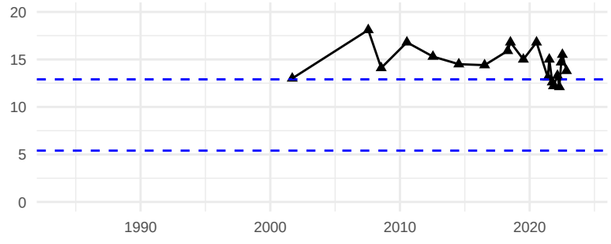
Result

- Detect
- Non−Detect

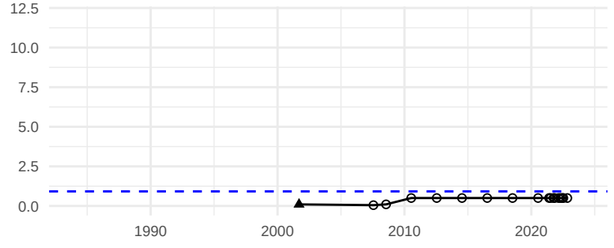
Standard

- AGQS
- SMCL
- Background

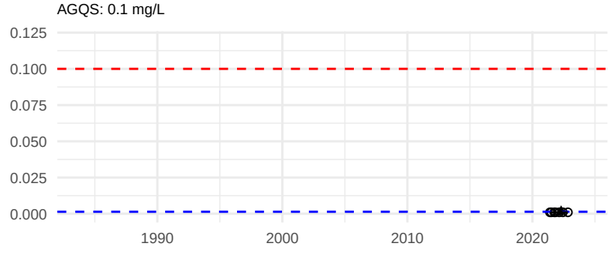
Temperature (C) :

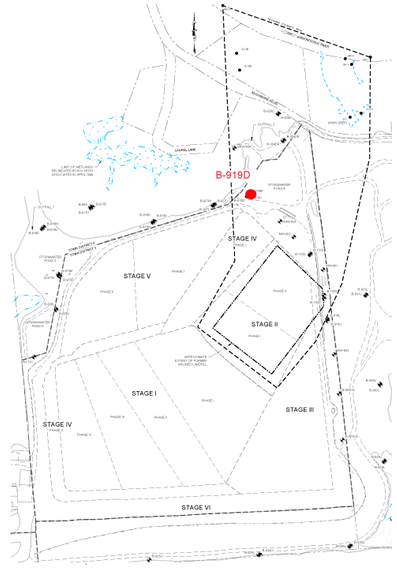


Total Kjeldahl Nitrogen (TKN) (mg/L) :

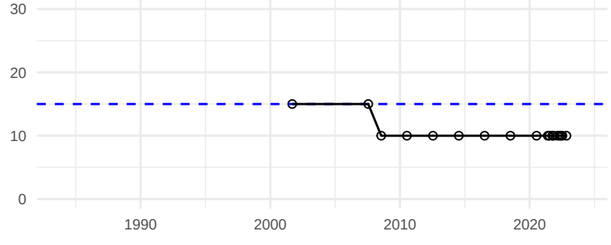


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

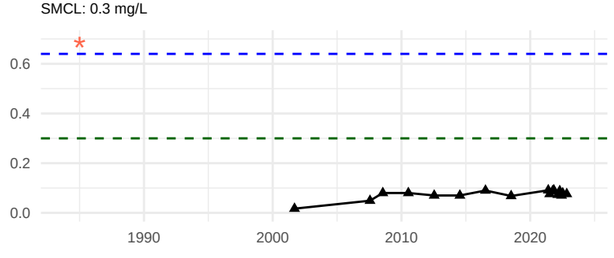




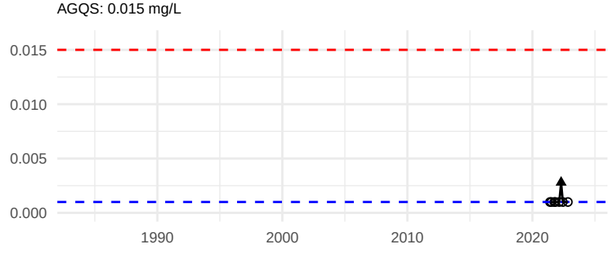
Chemical Oxygen Demand (mg/L) :



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

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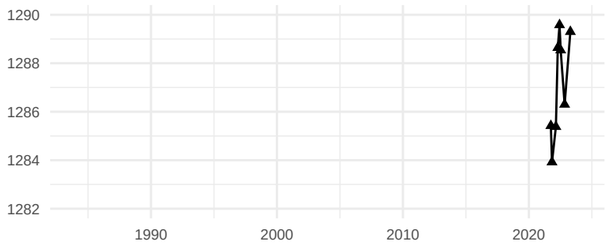
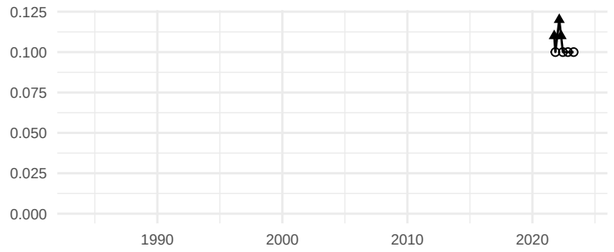
B−928U

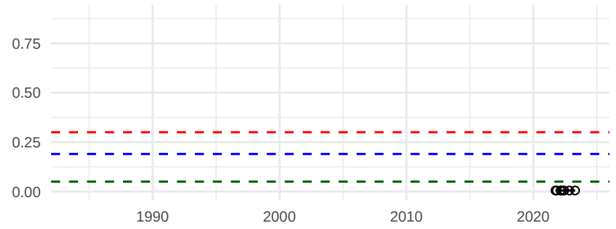
Groundwater Elevation (ft) :



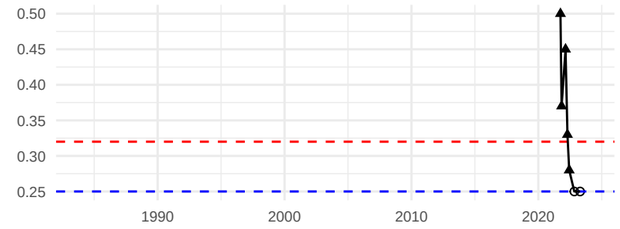
Bromide (mg/L) :



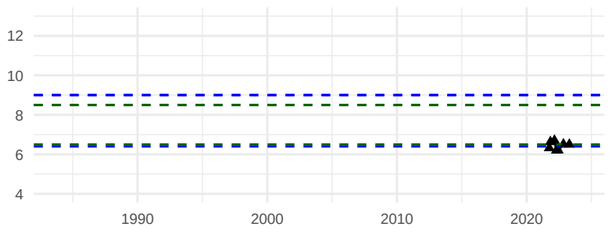
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



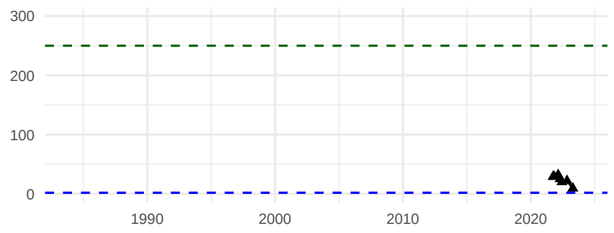
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



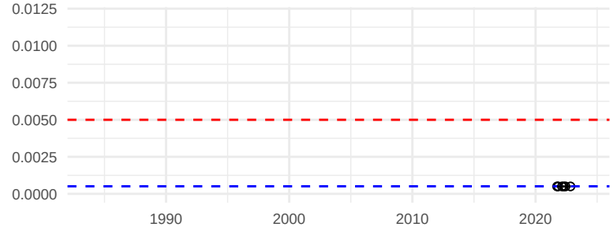
pH (SU) :
SMCL: 6.5 − 8.5 SU



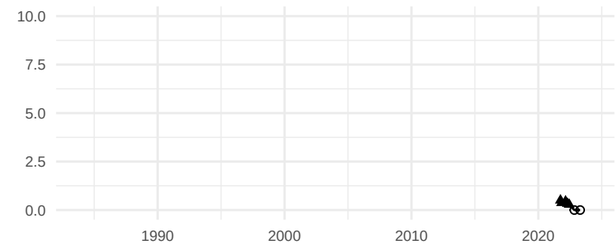
Chloride (mg/L) :
SMCL: 250 mg/L



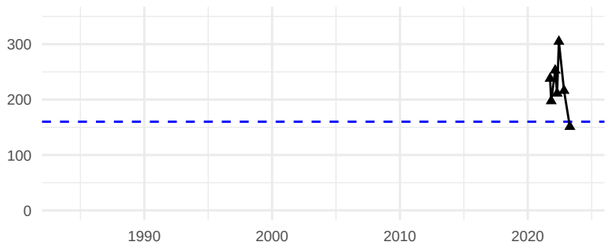
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



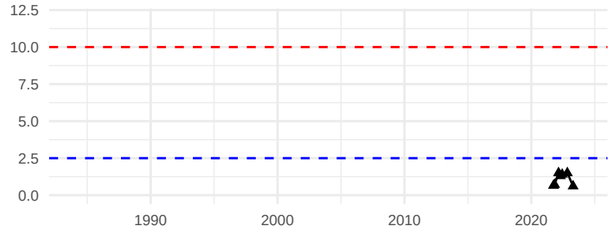
Total VOCs (ug/L) :



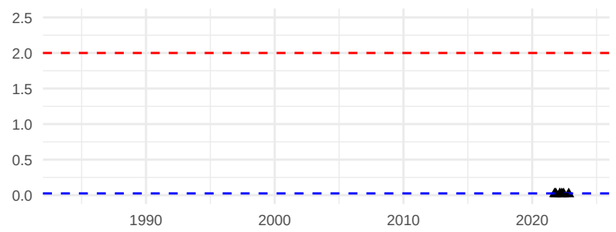
Specific Conductance (uS/cm) :



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



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



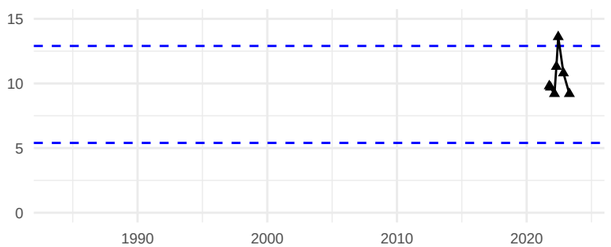
Result

- Detect
- Non−Detect

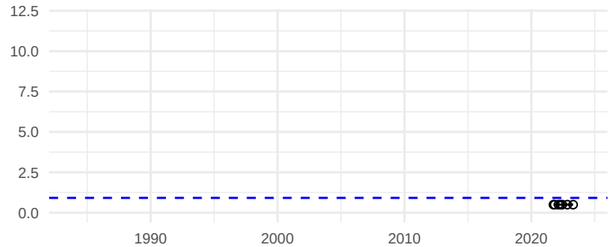
Standard

- AGQS
- SMCL
- Background

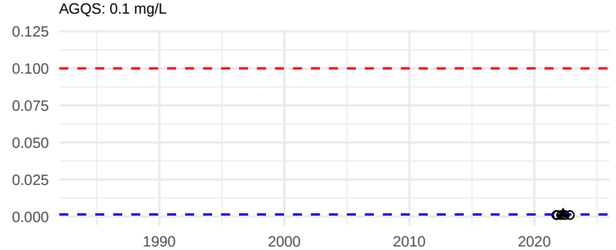
Temperature (C) :

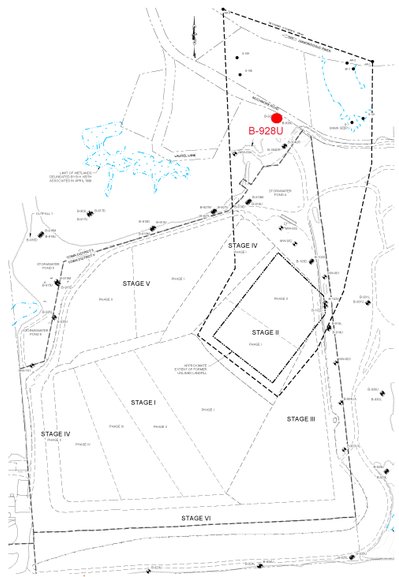


Total Kjeldahl Nitrogen (TKN) (mg/L) :

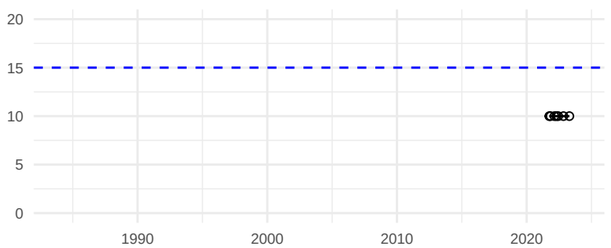


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

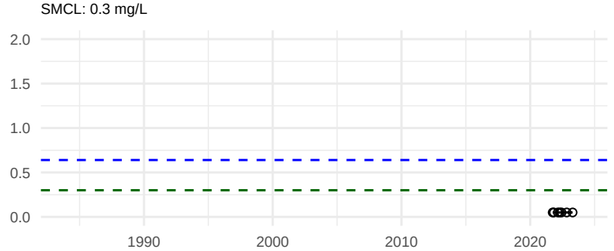




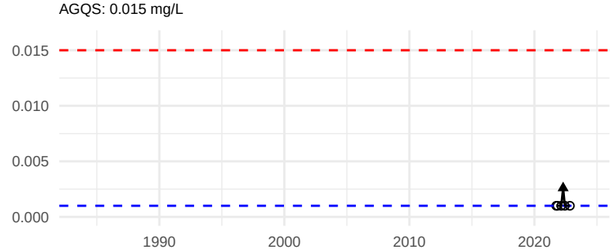
Chemical Oxygen Demand (mg/L) :



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



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



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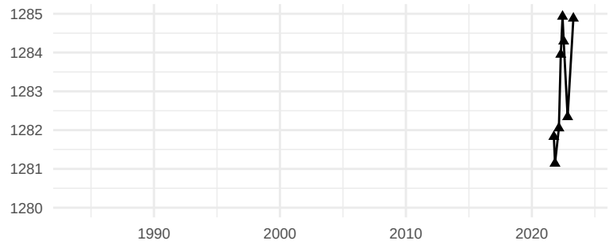
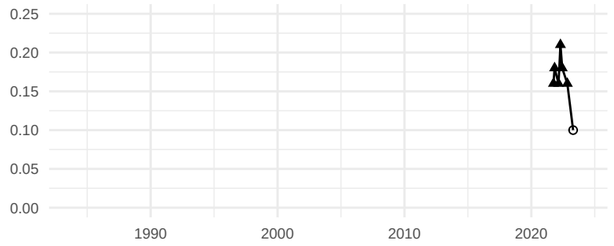
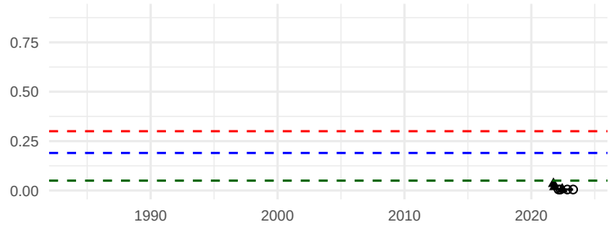
Groundwater Elevation (ft) :



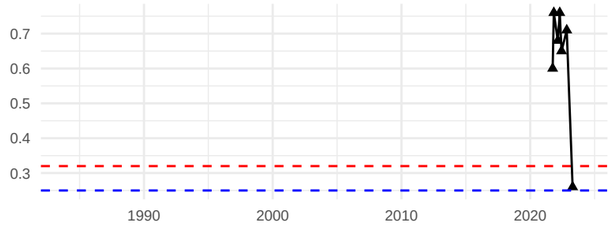
Bromide (mg/L) :



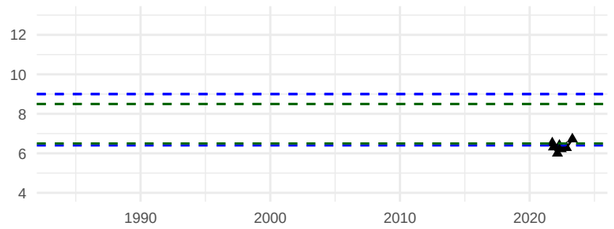
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



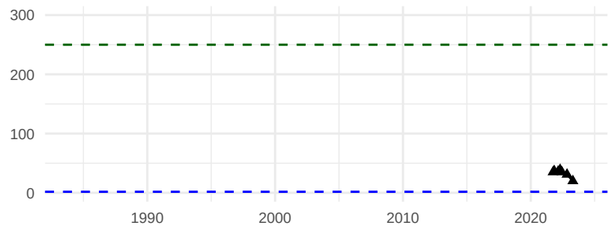
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



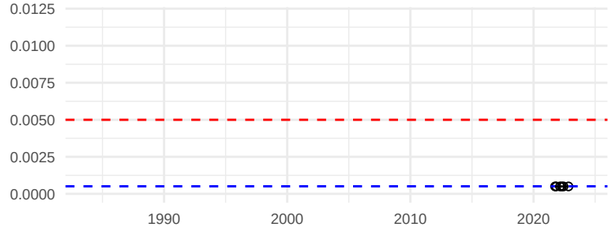
pH (SU) :
SMCL: 6.5 − 8.5 SU



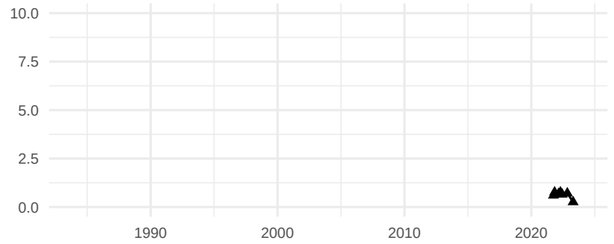
Chloride (mg/L) :
SMCL: 250 mg/L



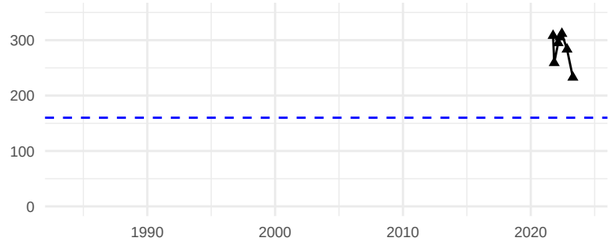
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



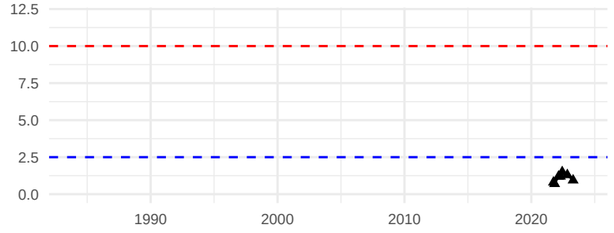
Total VOCs (ug/L) :



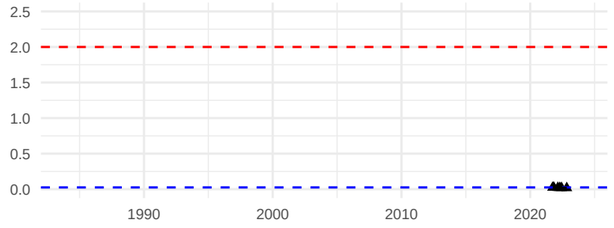
Specific Conductance (uS/cm) :



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



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



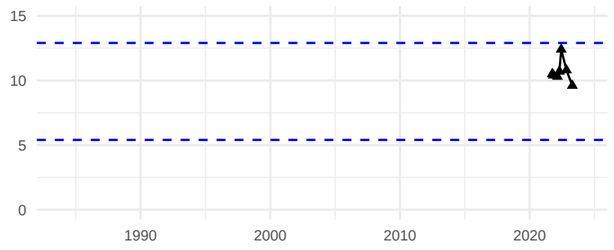
Result

- Detect
- Non−Detect

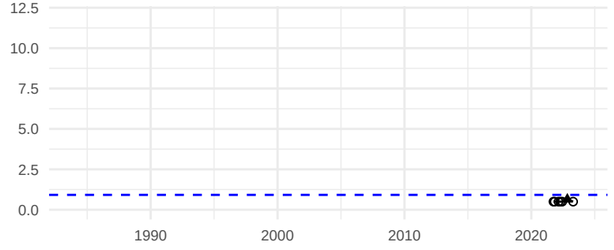
Standard

- AGQS
- SMCL
- Background

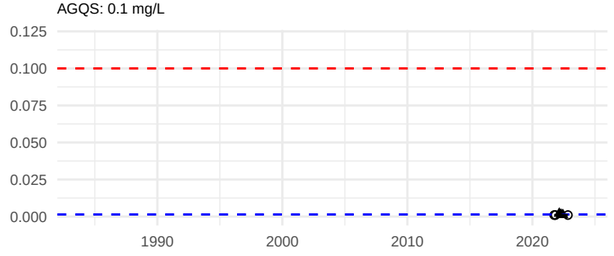
Temperature (C) :

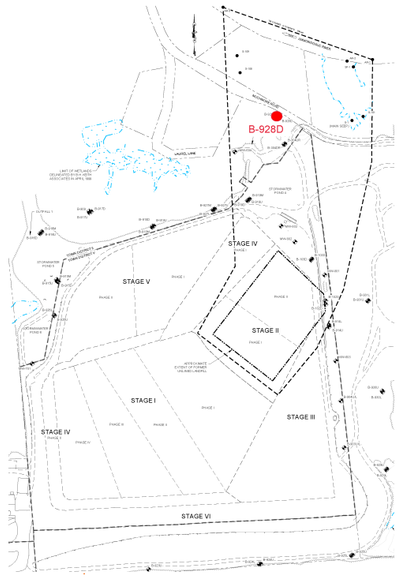


Total Kjeldahl Nitrogen (TKN) (mg/L) :

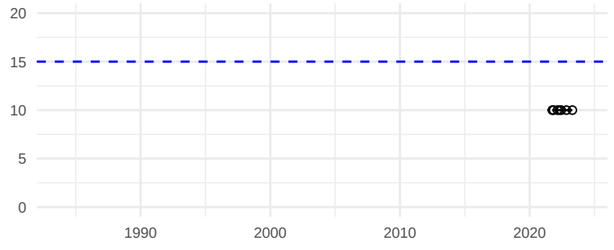


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

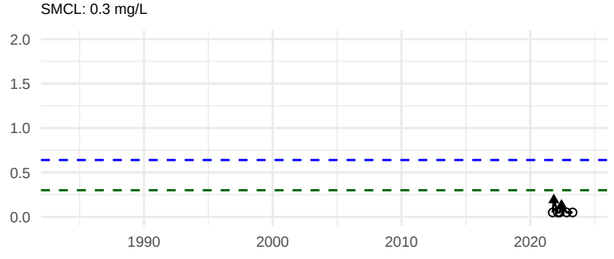




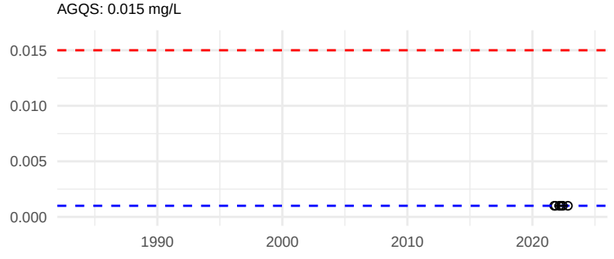
Chemical Oxygen Demand (mg/L) :



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



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



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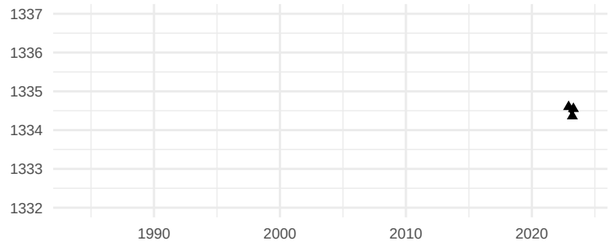
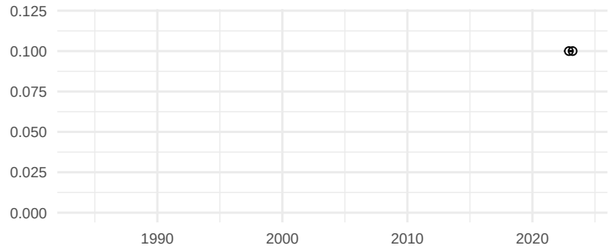
B−930U

Groundwater Elevation (ft) :

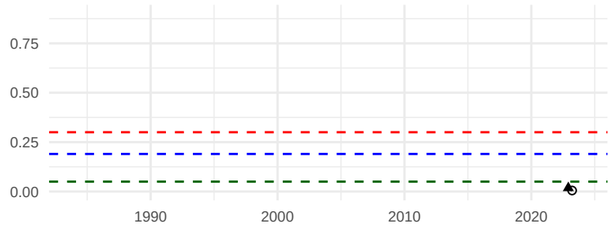


Bromide (mg/L) :



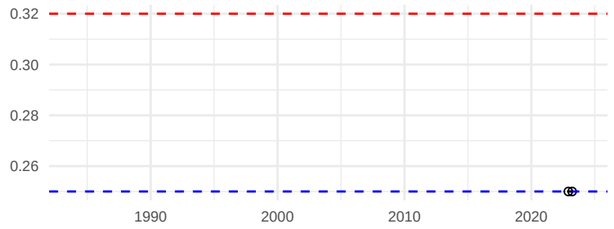
Dissolved Manganese (mg/L) :

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



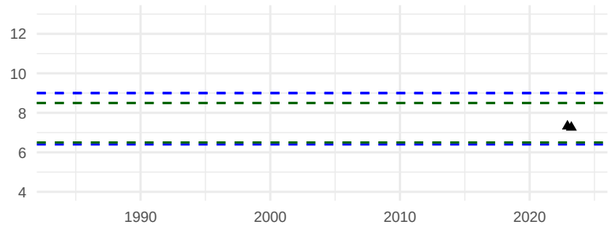
Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L



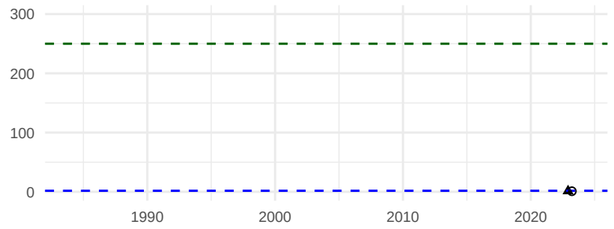
pH (SU) :

SMCL: 6.5 − 8.5 SU



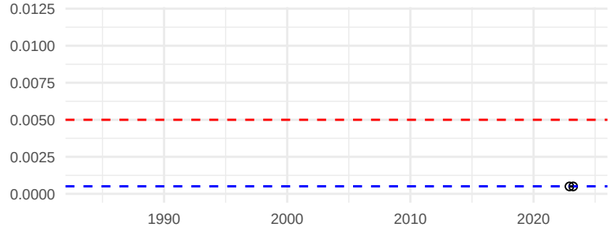
Chloride (mg/L) :

SMCL: 250 mg/L

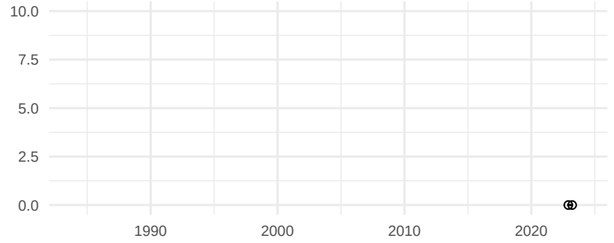


Dissolved Arsenic (mg/L) :

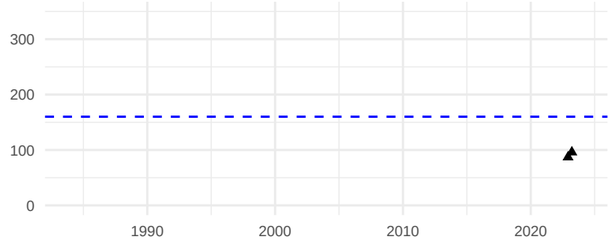
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

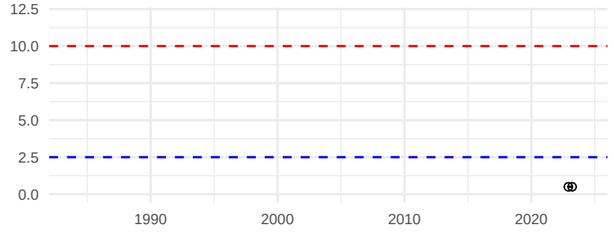


Specific Conductance (uS/cm) :



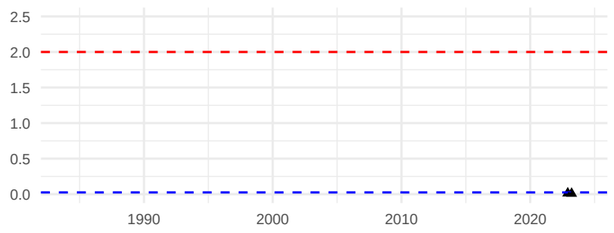
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



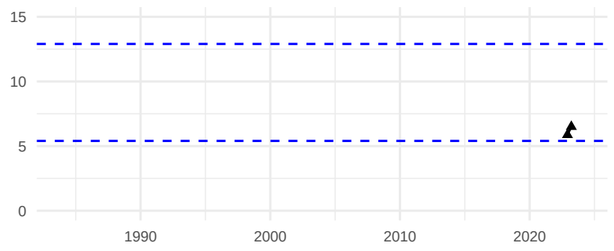
Result

- Detect
- Non−Detect

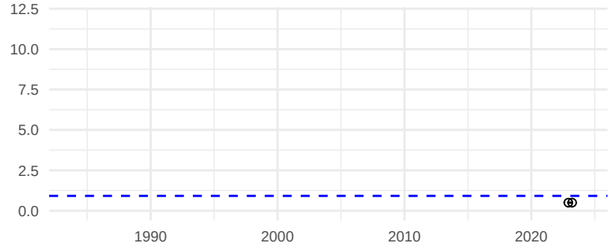
Standard

- AGQS
- SMCL
- Background

Temperature (C) :

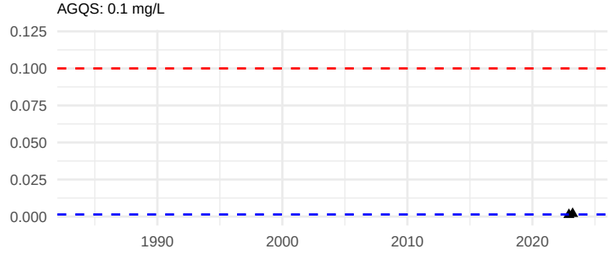


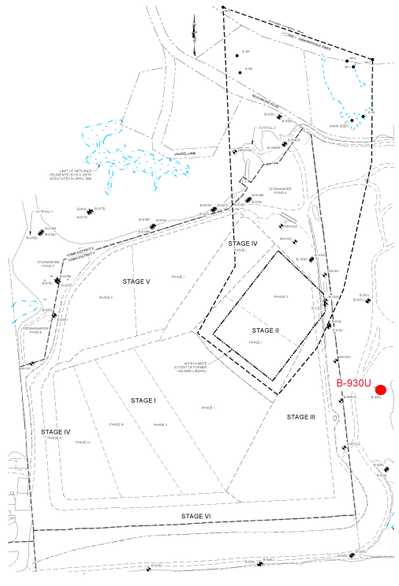
Total Kjeldahl Nitrogen (TKN) (mg/L) :



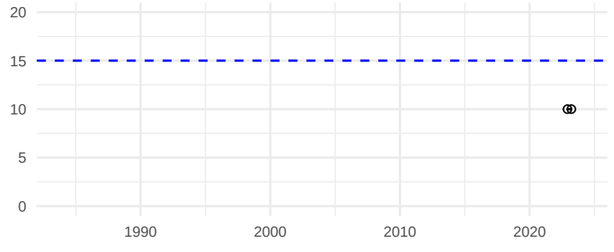
Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L



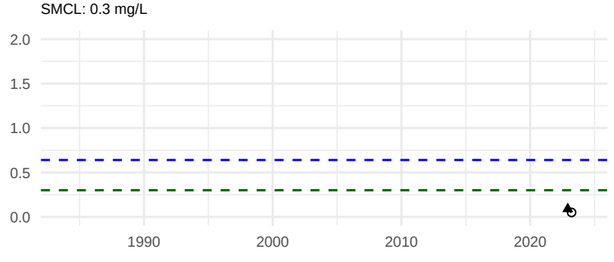


Chemical Oxygen Demand (mg/L) :



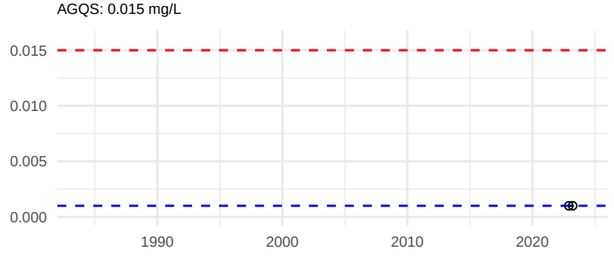
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



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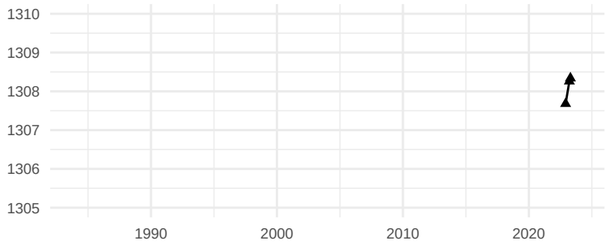
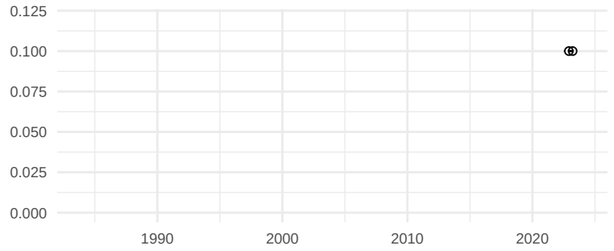
B−930L

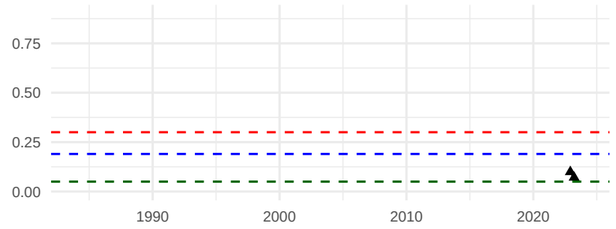
Groundwater Elevation (ft) :



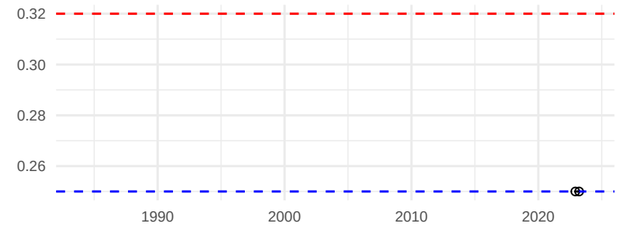
Bromide (mg/L) :



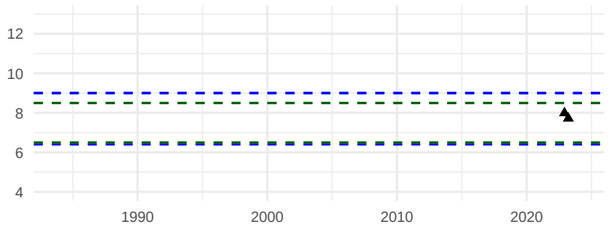
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



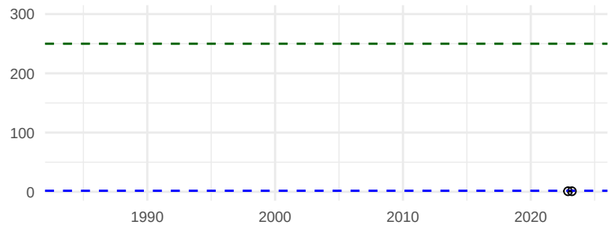
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



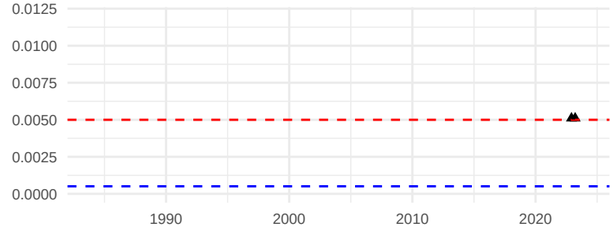
pH (SU) :
SMCL: 6.5 − 8.5 SU



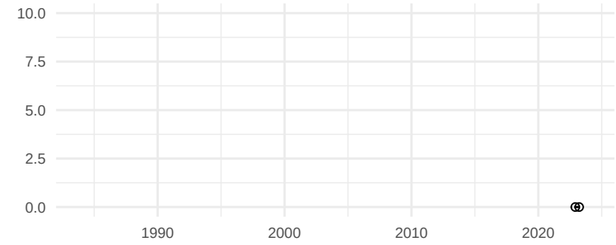
Chloride (mg/L) :
SMCL: 250 mg/L



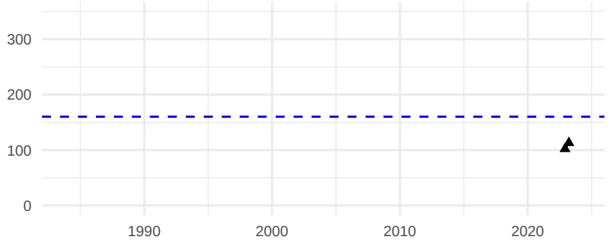
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



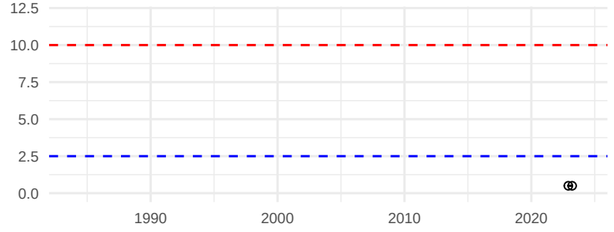
Total VOCs (ug/L) :



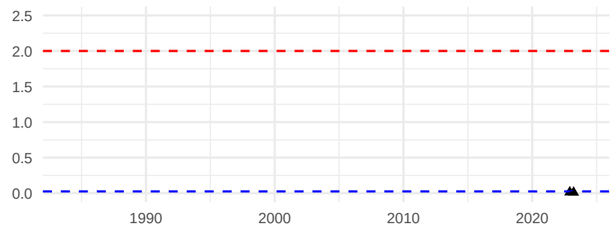
Specific Conductance (uS/cm) :



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



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



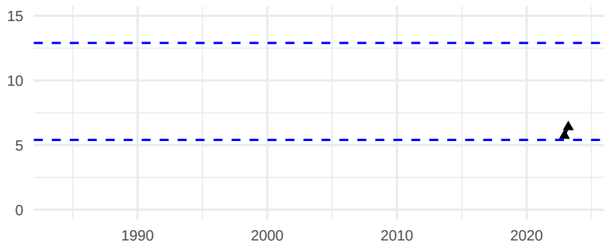
Result

- Detect
- Non−Detect

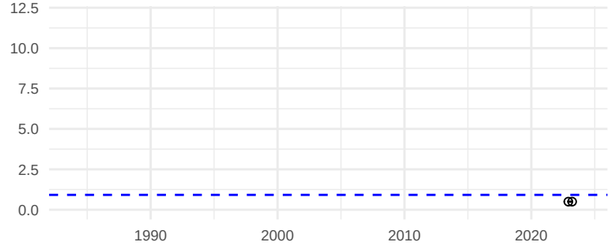
Standard

- AGQS
- SMCL
- Background

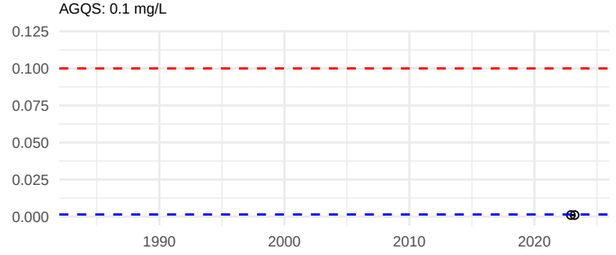
Temperature (C) :

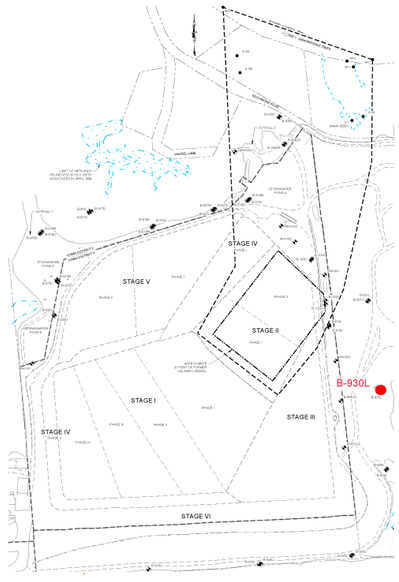


Total Kjeldahl Nitrogen (TKN) (mg/L) :

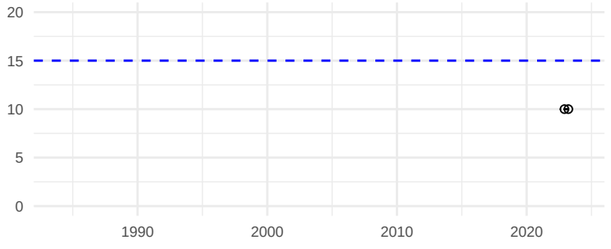


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

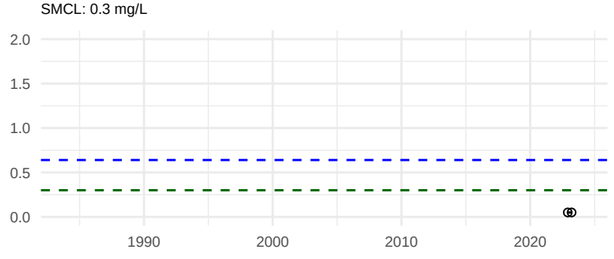




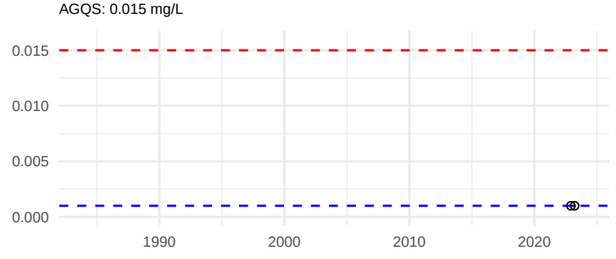
Chemical Oxygen Demand (mg/L) :



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



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



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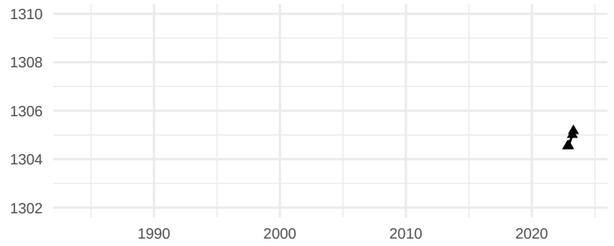
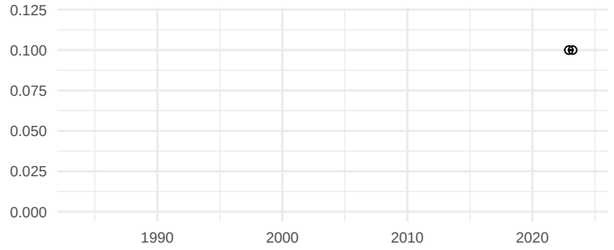
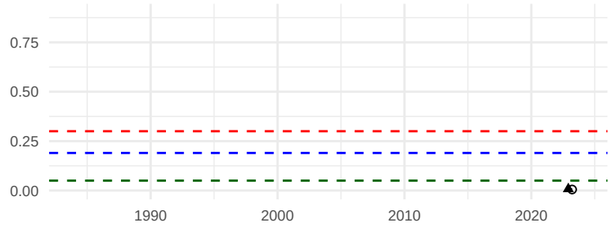
Groundwater Elevation (ft) :



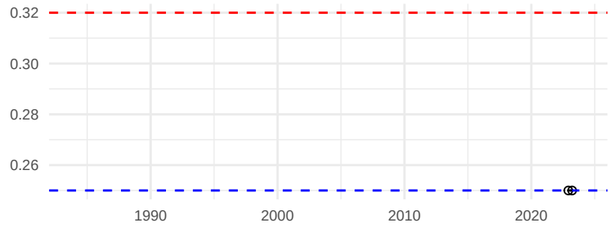
Bromide (mg/L) :



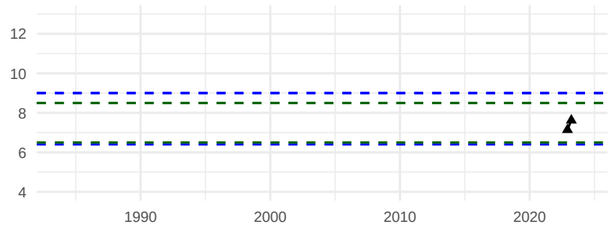
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



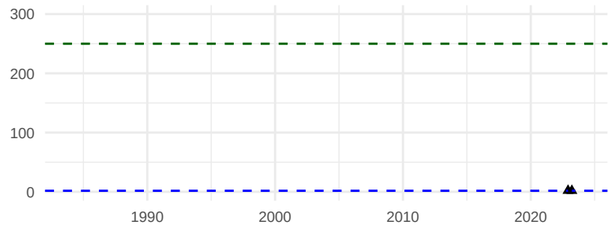
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



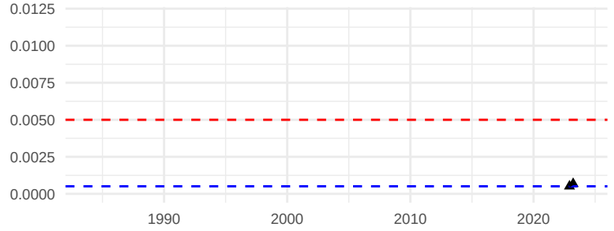
pH (SU) :
SMCL: 6.5 − 8.5 SU



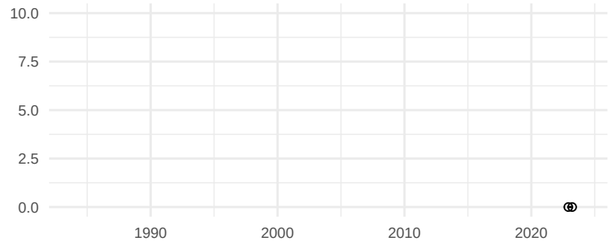
Chloride (mg/L) :
SMCL: 250 mg/L



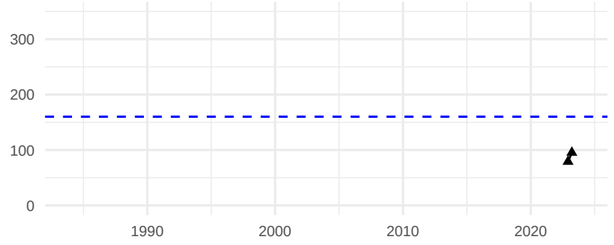
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



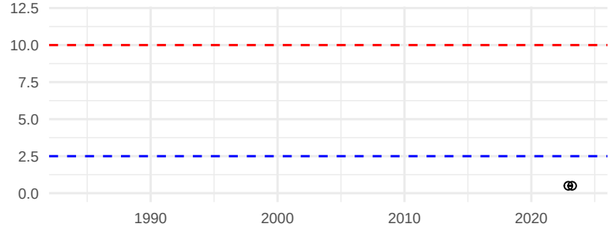
Total VOCs (ug/L) :



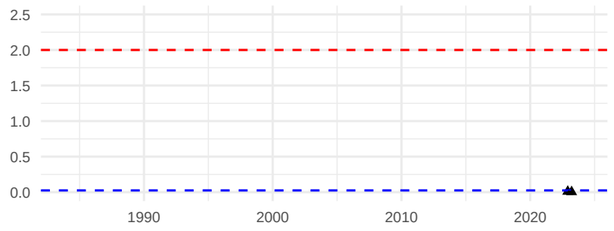
Specific Conductance (uS/cm) :



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



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



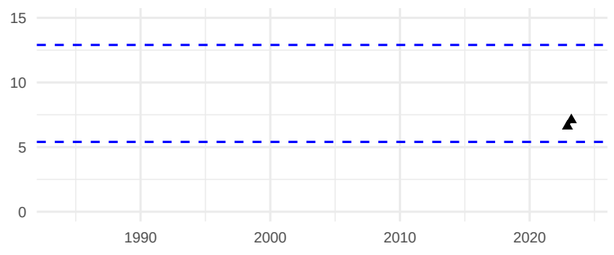
Result

- Detect
- Non−Detect

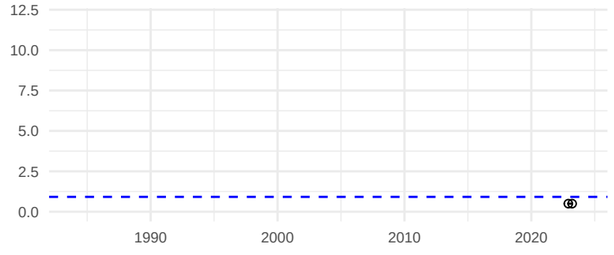
Standard

- AGQS
- SMCL
- Background

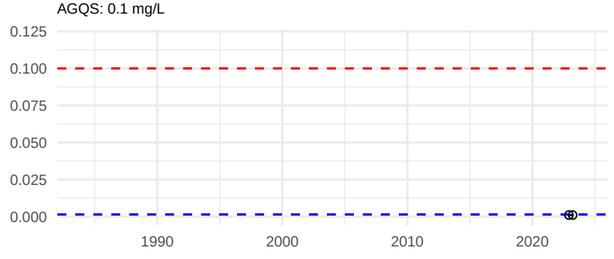
Temperature (C) :

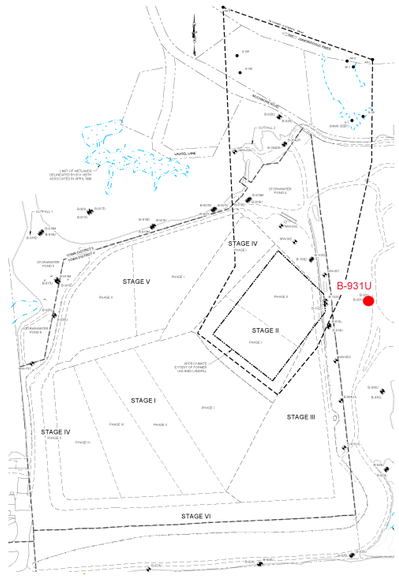


Total Kjeldahl Nitrogen (TKN) (mg/L) :

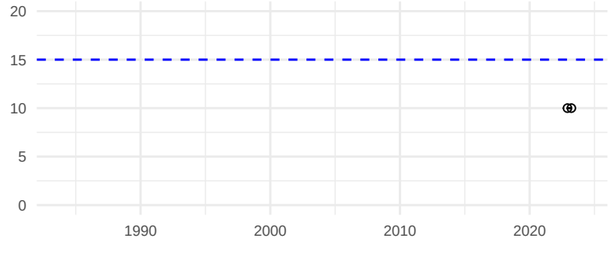


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

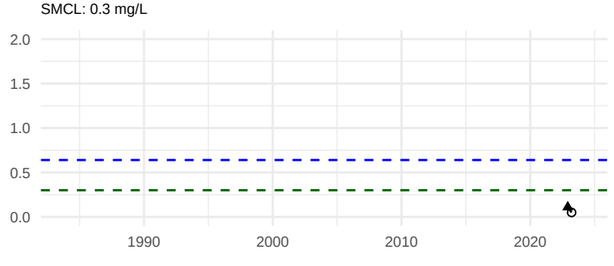




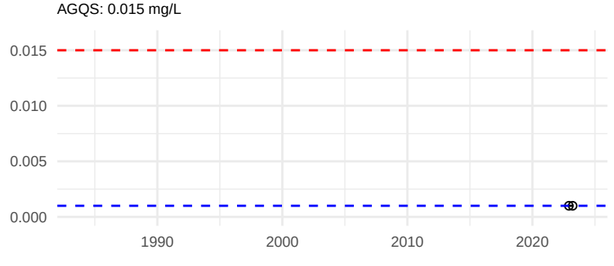
Chemical Oxygen Demand (mg/L) :



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



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



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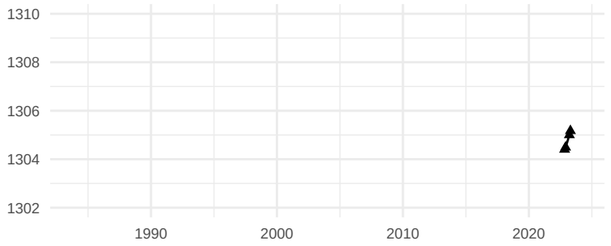
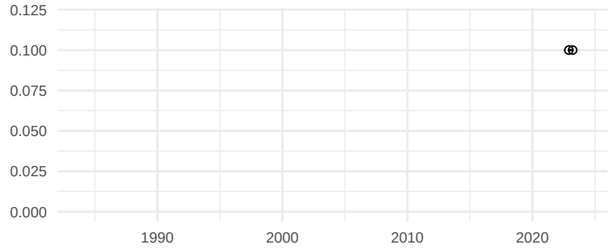
B−931L

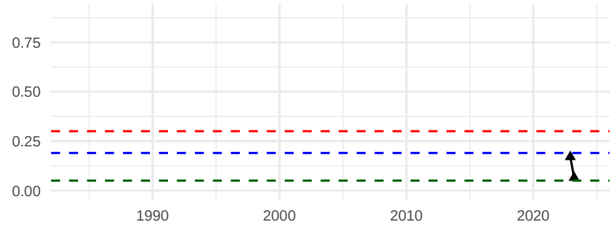
Groundwater Elevation (ft) :



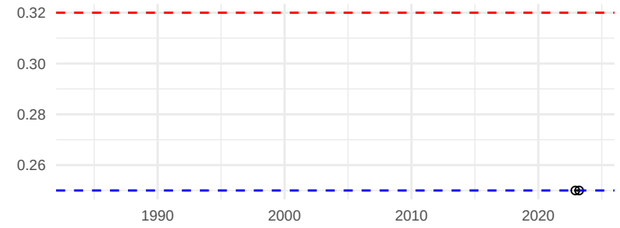
Bromide (mg/L) :



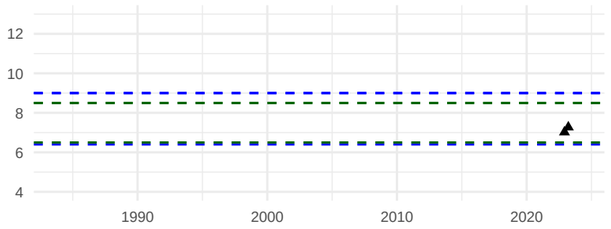
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



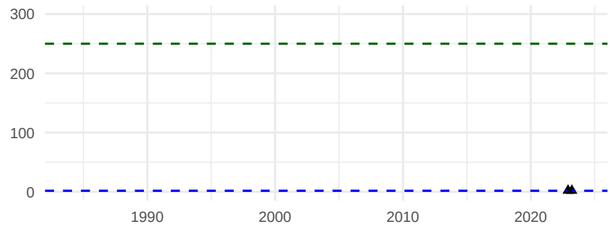
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



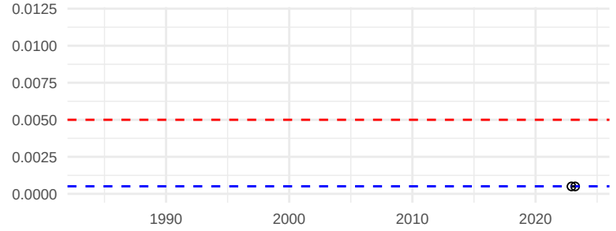
pH (SU) :
SMCL: 6.5 − 8.5 SU



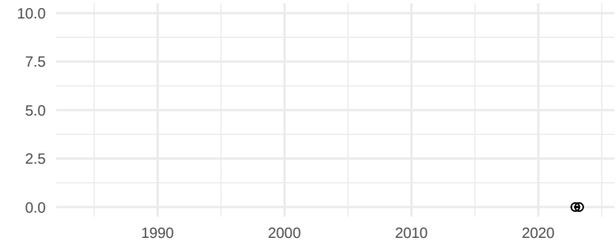
Chloride (mg/L) :
SMCL: 250 mg/L



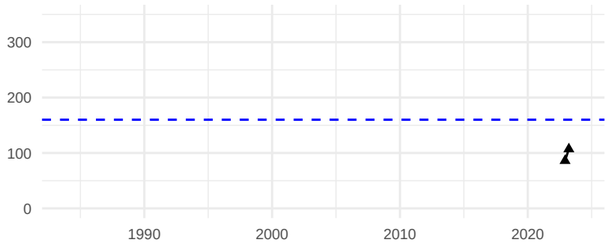
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



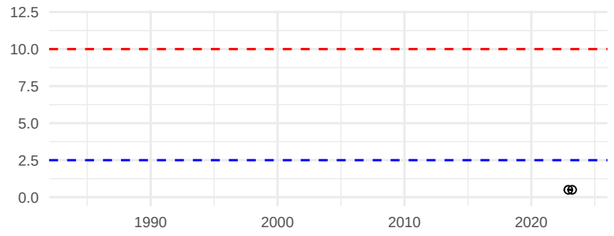
Total VOCs (ug/L) :



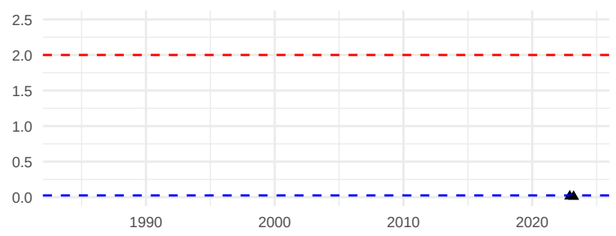
Specific Conductance (uS/cm) :



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



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



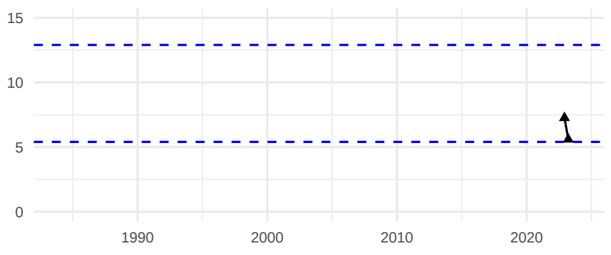
Result

- Detect
- Non−Detect

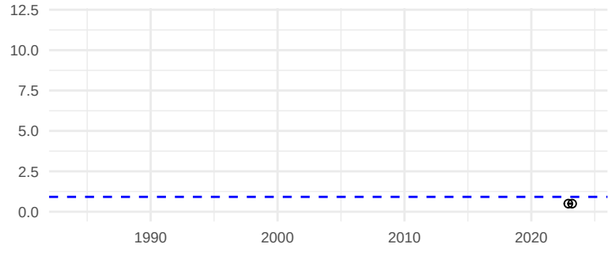
Standard

- AGQS
- SMCL
- Background

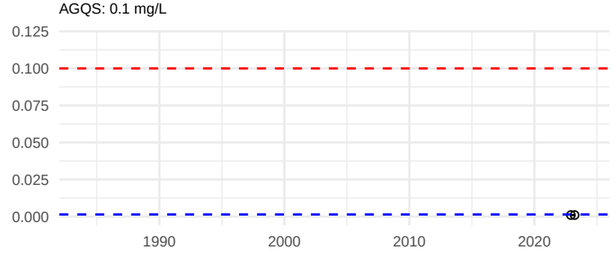
Temperature (C) :

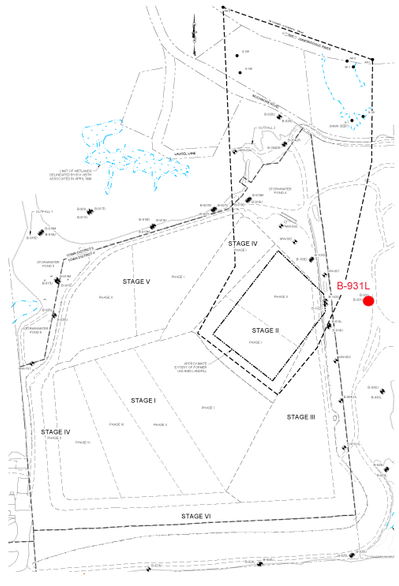


Total Kjeldahl Nitrogen (TKN) (mg/L) :

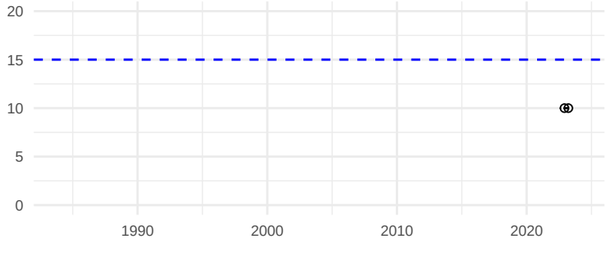


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

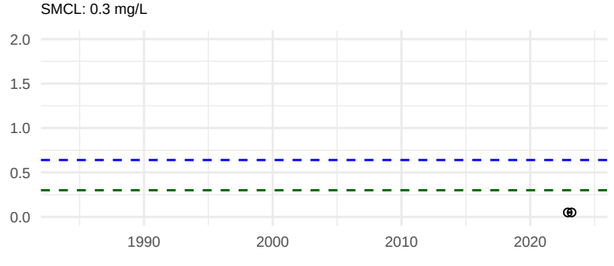




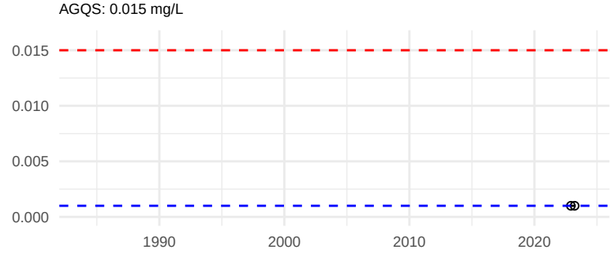
Chemical Oxygen Demand (mg/L) :



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



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



Groundwater Management Wells Inside the GMZ

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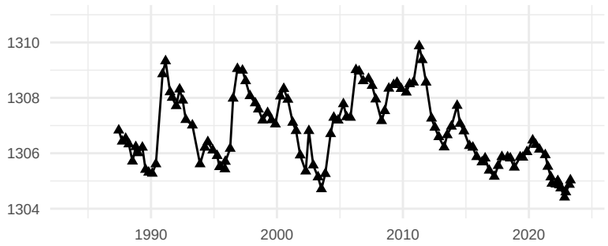
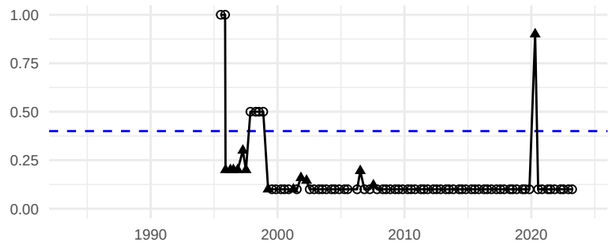
B−102S

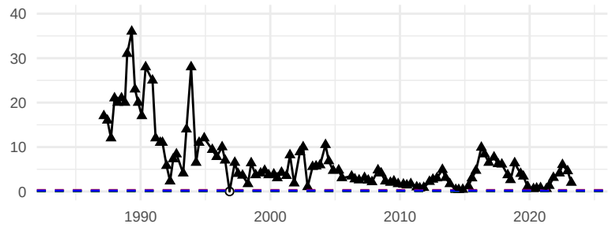
Groundwater Elevation (ft) :



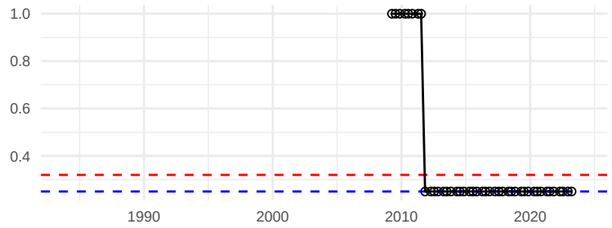
Bromide (mg/L) :



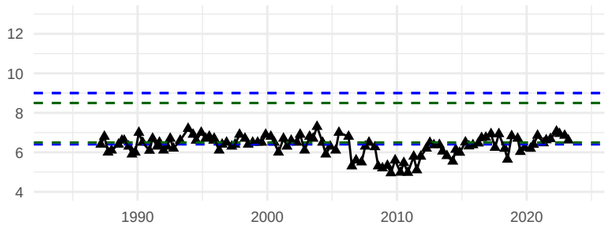
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



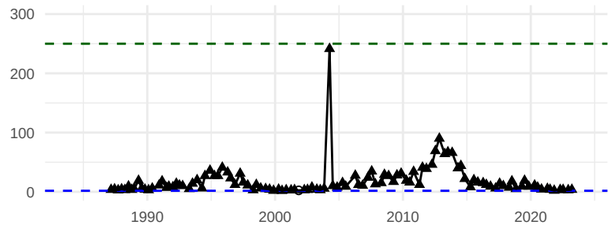
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



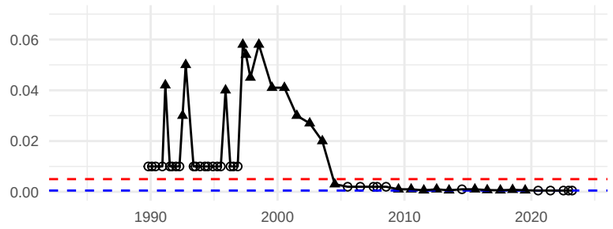
pH (SU) :
SMCL: 6.5 − 8.5 SU



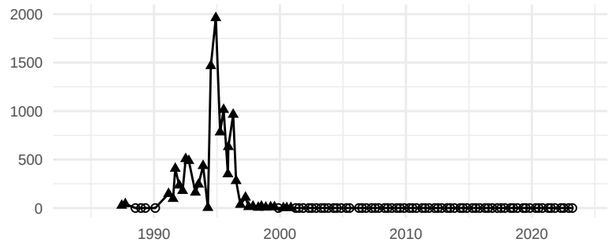
Chloride (mg/L) :
SMCL: 250 mg/L



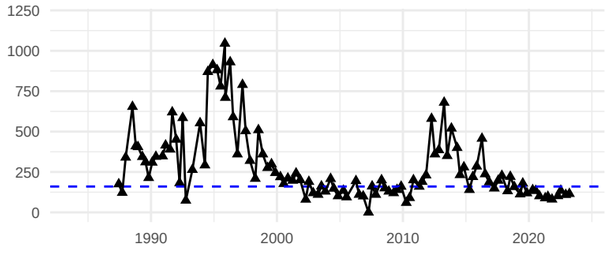
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



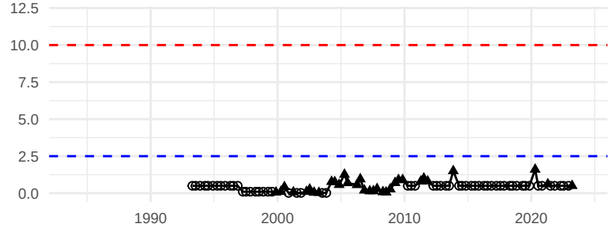
Total VOCs (ug/L) :



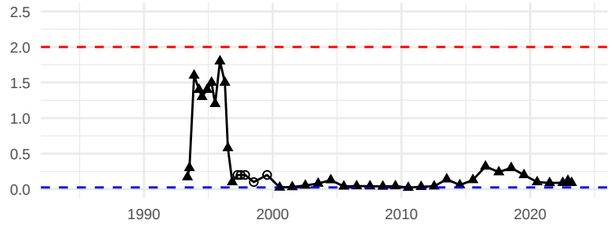
Specific Conductance (uS/cm) :



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



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



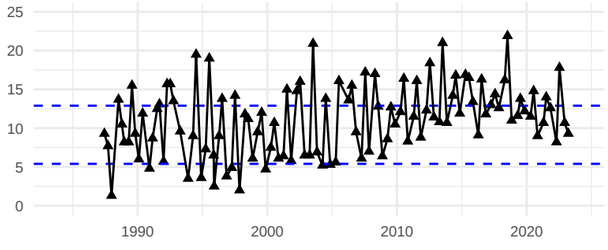
Result

- Detect
- Non−Detect

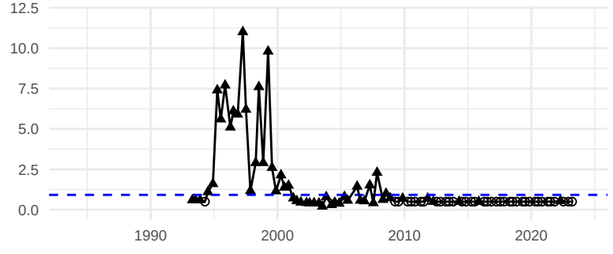
Standard

- AGQS
- SMCL
- Background

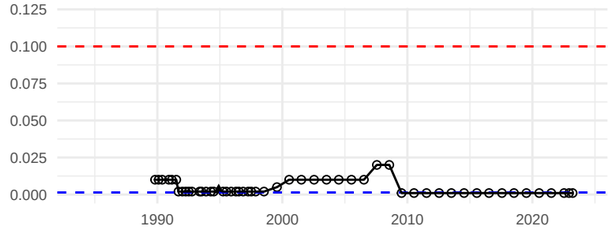
Temperature (C) :

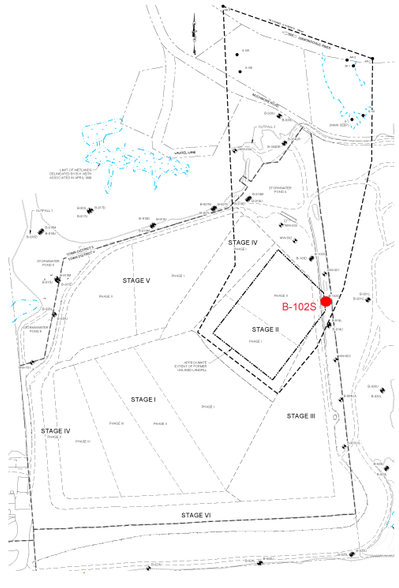


Total Kjeldahl Nitrogen (TKN) (mg/L) :

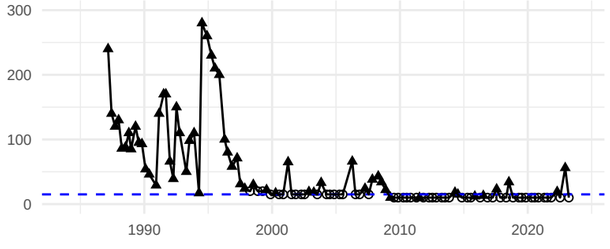


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

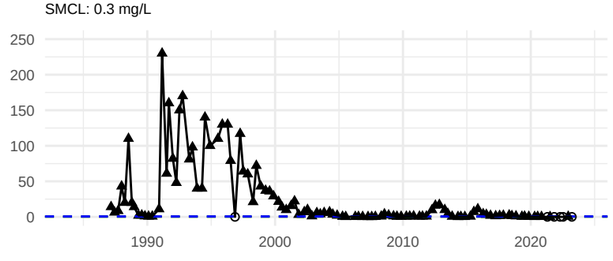




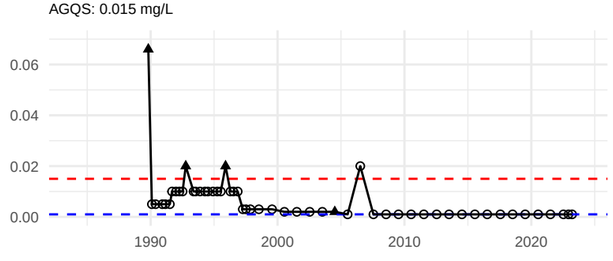
Chemical Oxygen Demand (mg/L) :



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



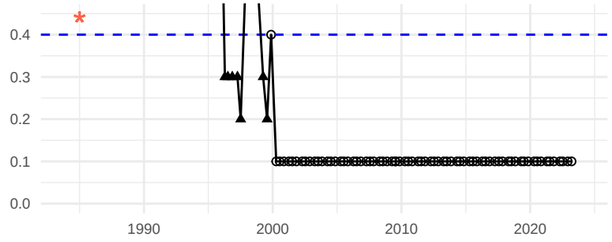
Dissolved Lead (mg/L) :
AGQS: 0.015 mg/L



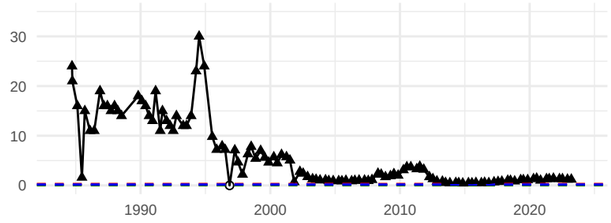
B−102D

Groundwater Elevation (ft) :

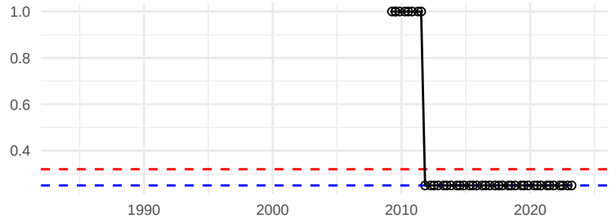
Bromide (mg/L) :



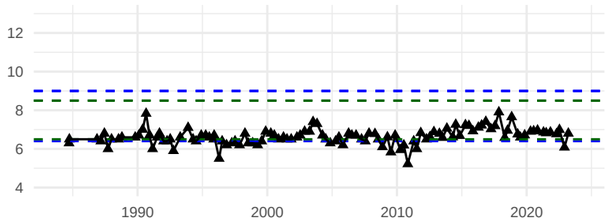
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



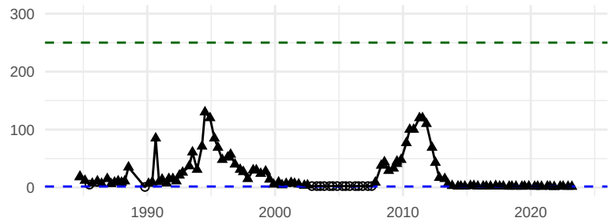
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



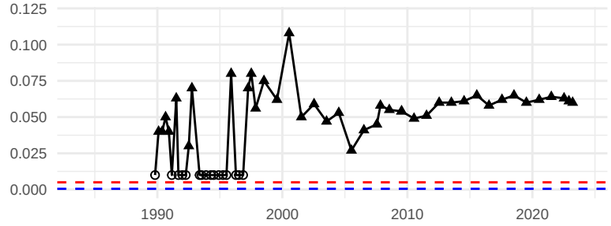
pH (SU) :
SMCL: 6.5 − 8.5 SU



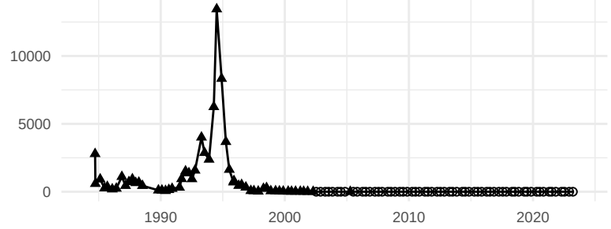
Chloride (mg/L) :
SMCL: 250 mg/L



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

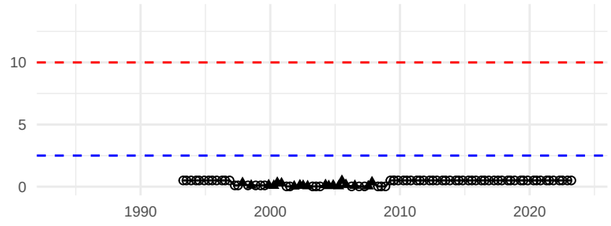


Total VOCs (ug/L) :

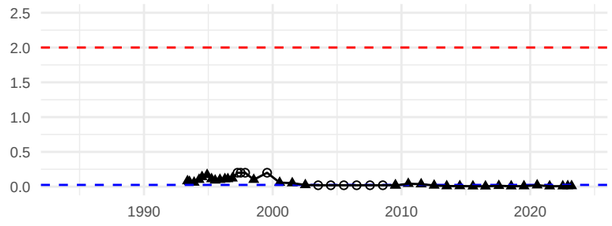


Specific Conductance (uS/cm) :

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



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



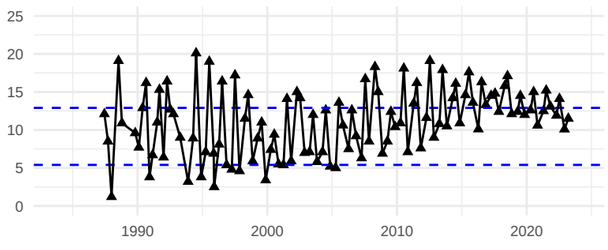
Result

- Detect
- Non−Detect

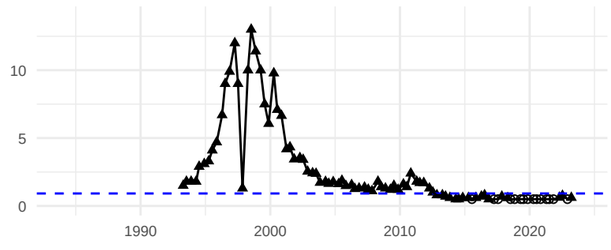
Standard

- AGQS
- SMCL
- Background

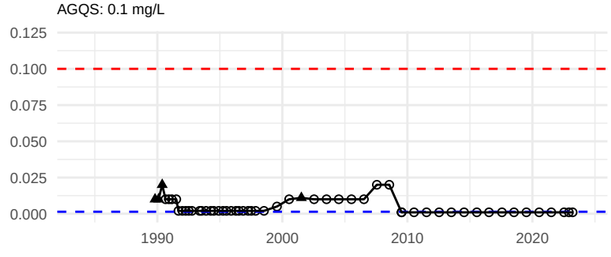
Temperature (C) :

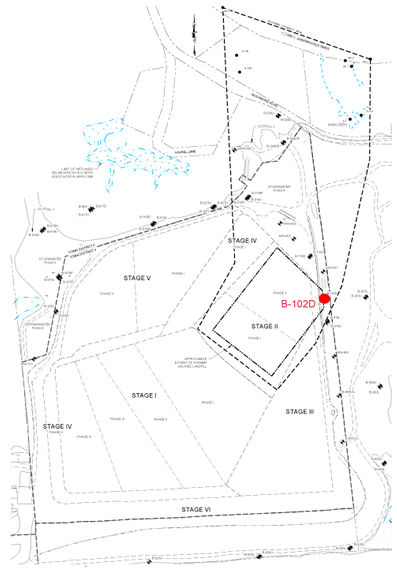


Total Kjeldahl Nitrogen (TKN) (mg/L) :

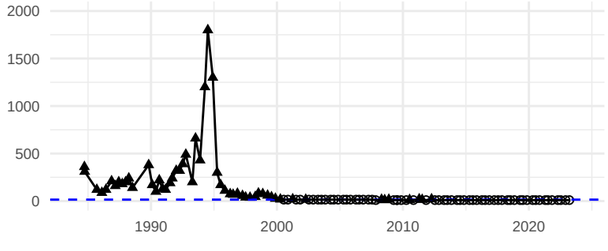


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

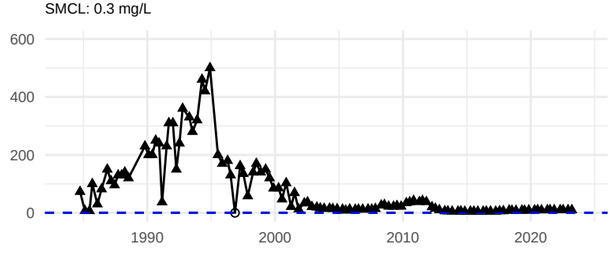




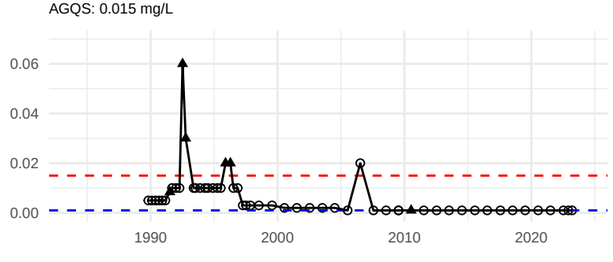
Chemical Oxygen Demand (mg/L) :



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



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



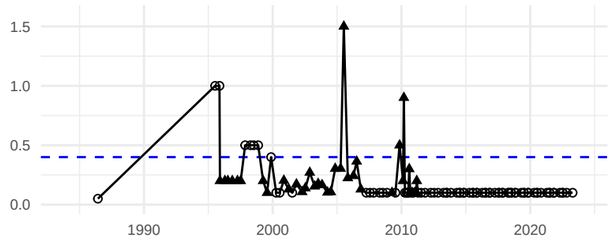
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

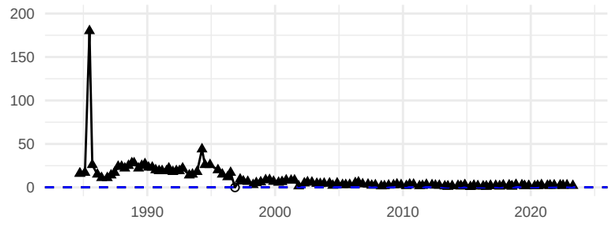
B−103S

Groundwater Elevation (ft) :

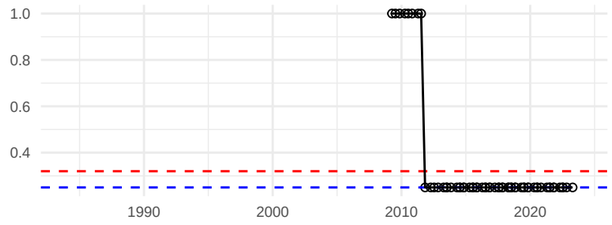
Bromide (mg/L) :



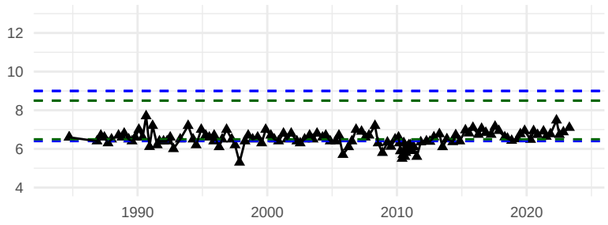
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



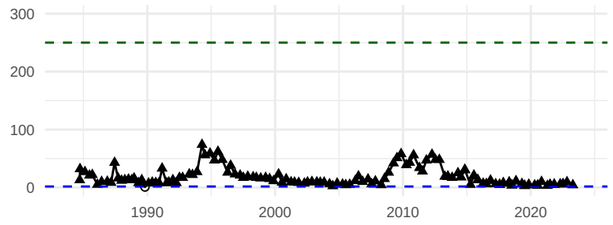
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



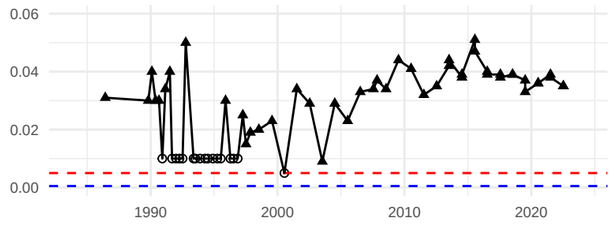
pH (SU) :
SMCL: 6.5 − 8.5 SU



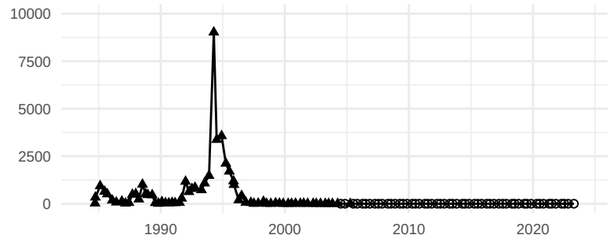
Chloride (mg/L) :
SMCL: 250 mg/L



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

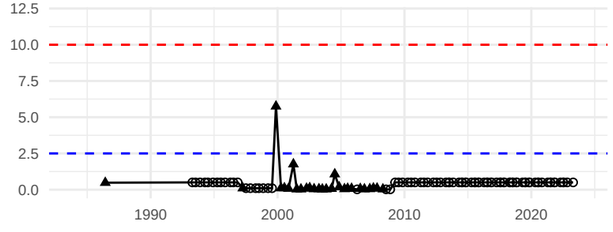


Total VOCs (ug/L) :

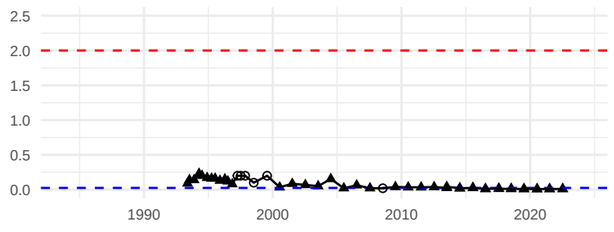


Specific Conductance (uS/cm) :

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



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



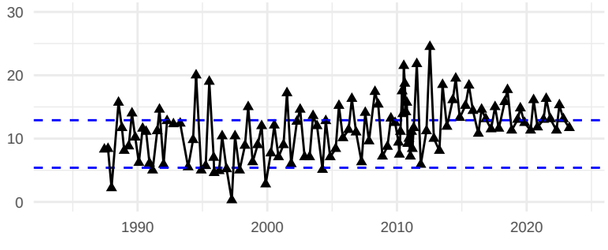
Result

- Detect
- Non−Detect

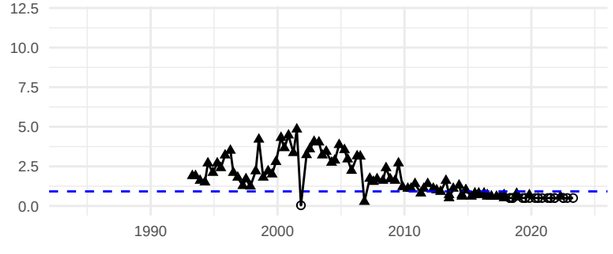
Standard

- AGQS
- SMCL
- Background

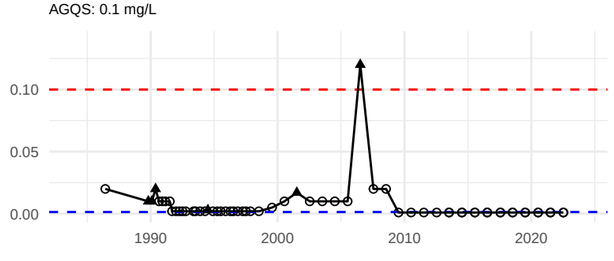
Temperature (C) :

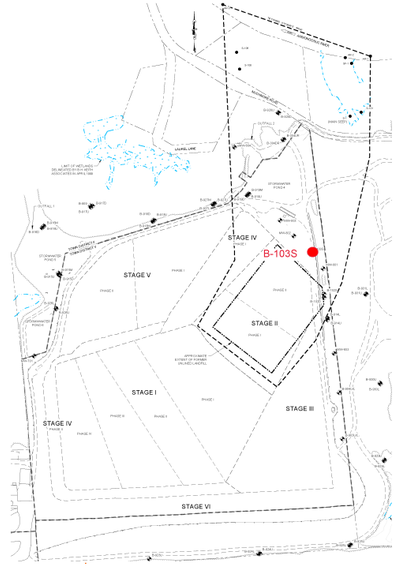


Total Kjeldahl Nitrogen (TKN) (mg/L) :

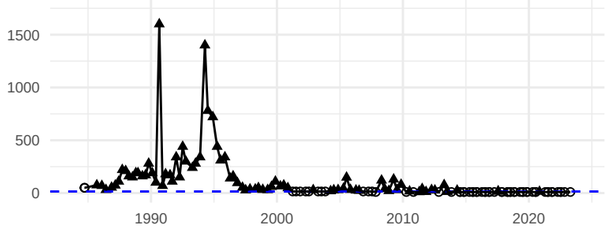


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

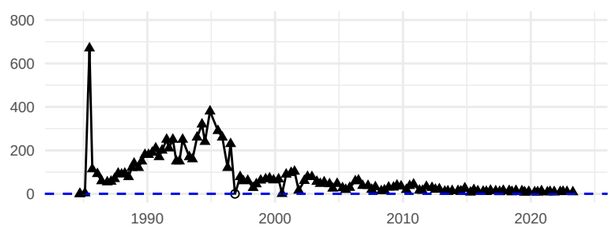




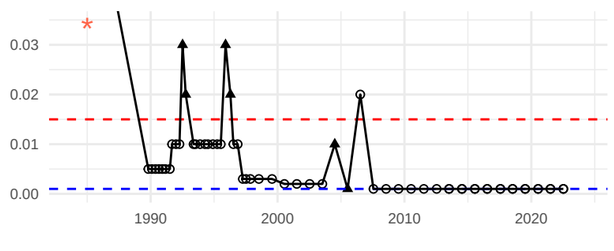
Chemical Oxygen Demand (mg/L) :



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



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

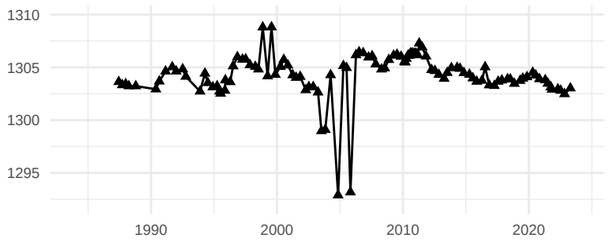


* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

B−103D

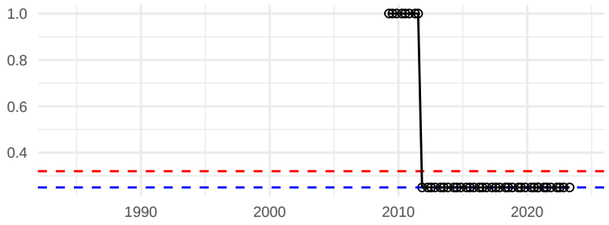
Groundwater Elevation (ft) :



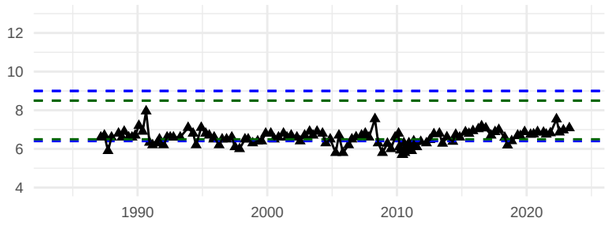
Bromide (mg/L) :

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

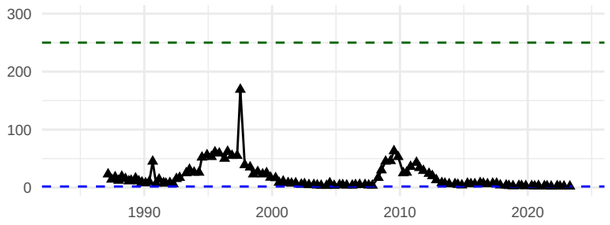
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



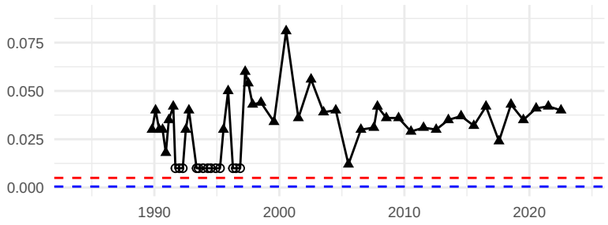
pH (SU) :
SMCL: 6.5 − 8.5 SU



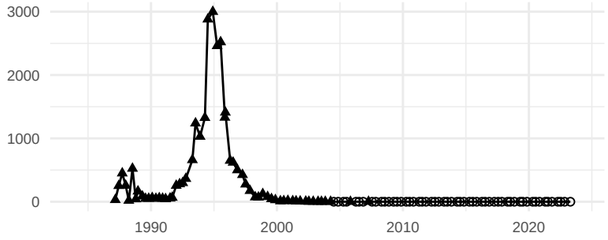
Chloride (mg/L) :
SMCL: 250 mg/L



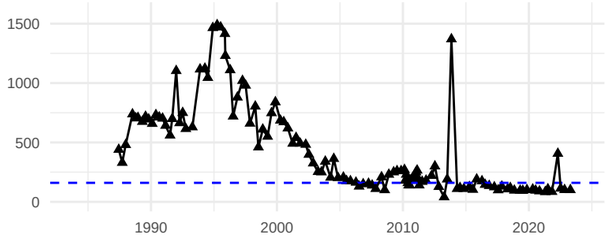
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



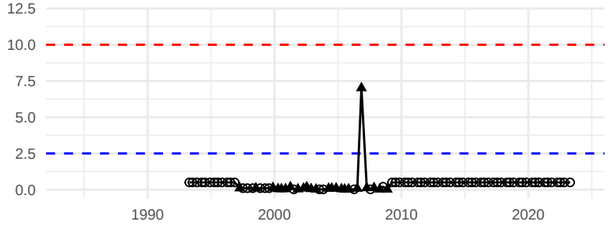
Total VOCs (ug/L) :



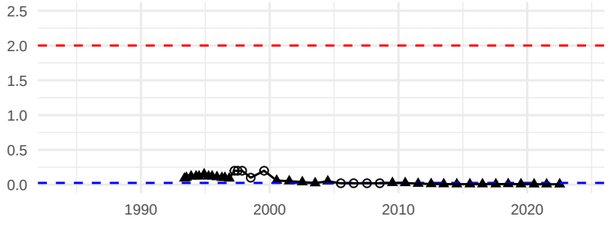
Specific Conductance (uS/cm) :



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



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



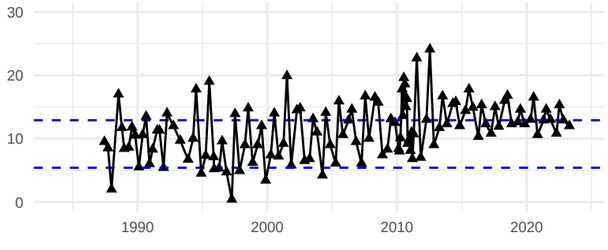
Result

- Detect
- Non−Detect

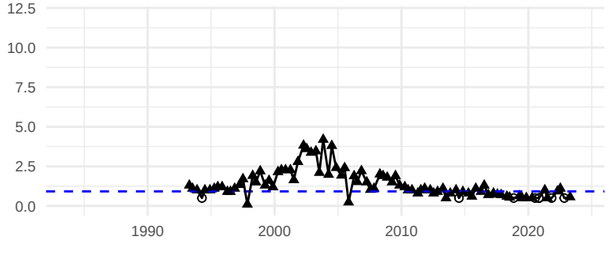
Standard

- AGQS
- SMCL
- Background

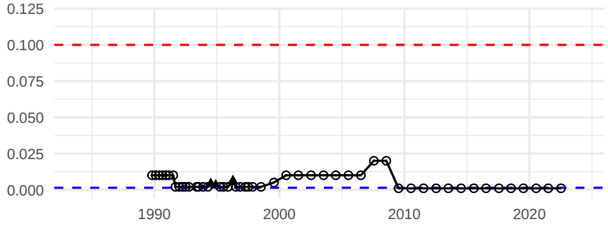
Temperature (C) :

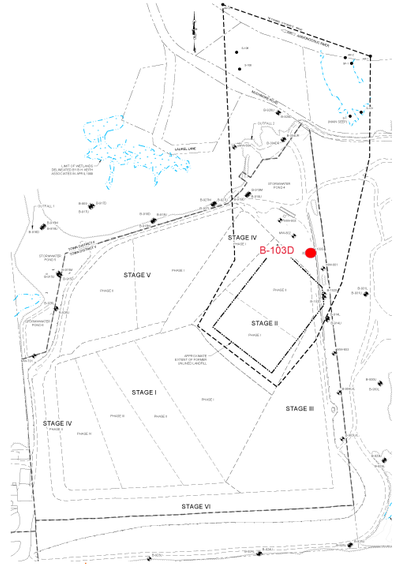


Total Kjeldahl Nitrogen (TKN) (mg/L) :

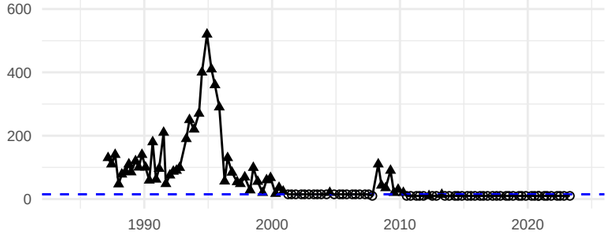


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

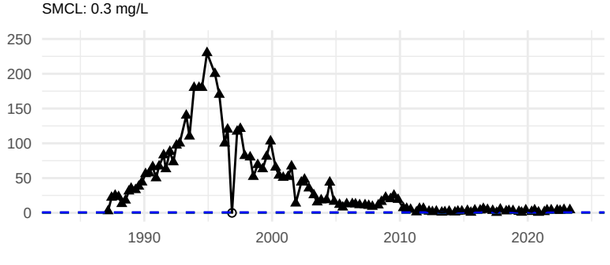




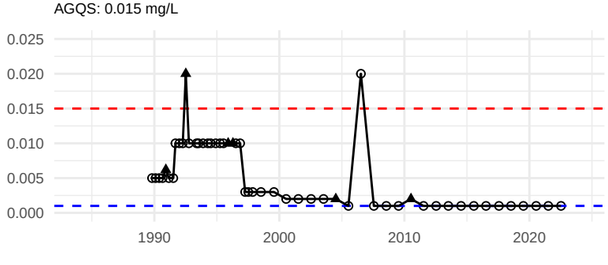
Chemical Oxygen Demand (mg/L) :



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



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



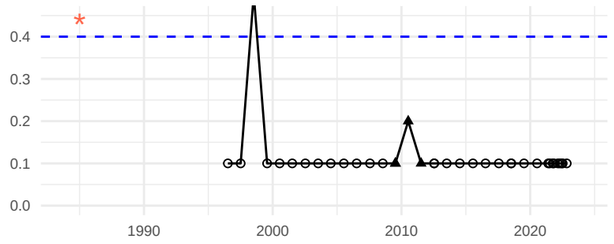
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

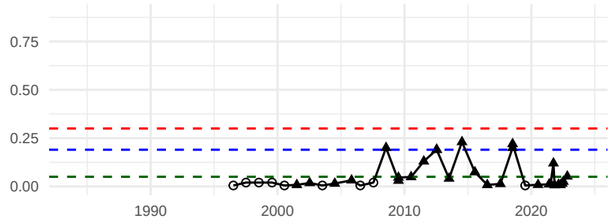
MW−604

Groundwater Elevation (ft) :

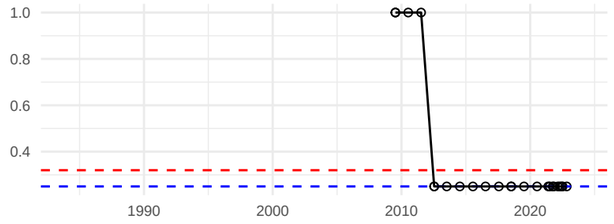
Bromide (mg/L) :



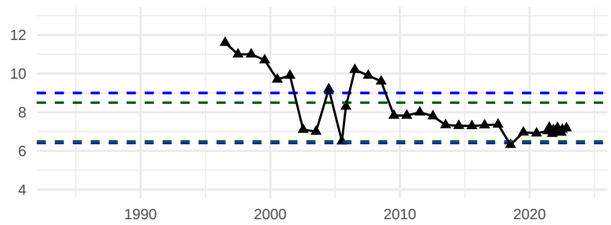
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



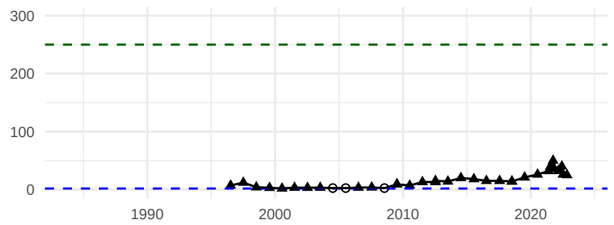
Dioxane (1,4−) (ug/L) :
AGQS: 0.32 ug/L



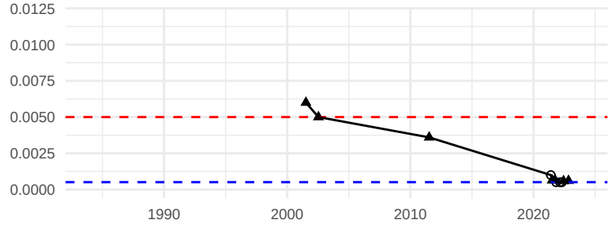
pH (SU) :
SMCL: 6.5 − 8.5 SU



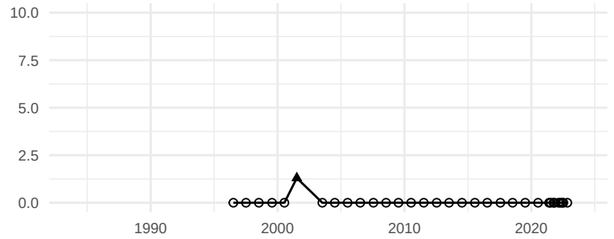
Chloride (mg/L) :
SMCL: 250 mg/L



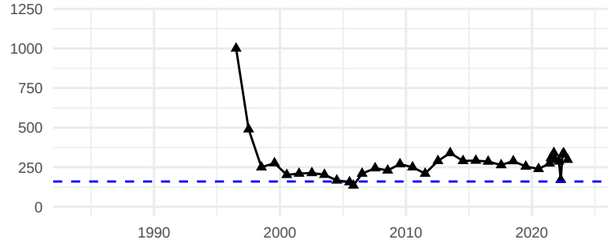
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



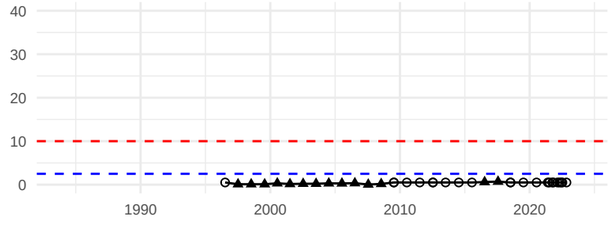
Total VOCs (ug/L) :



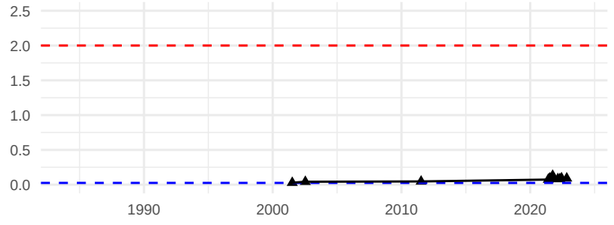
Specific Conductance (uS/cm) :



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



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



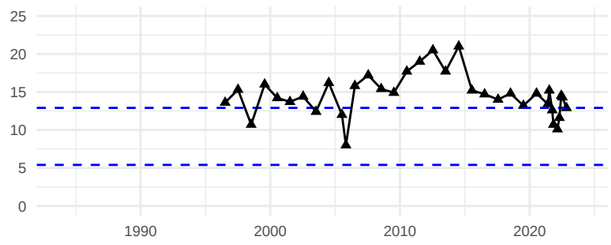
Result

- Detect
- Non−Detect

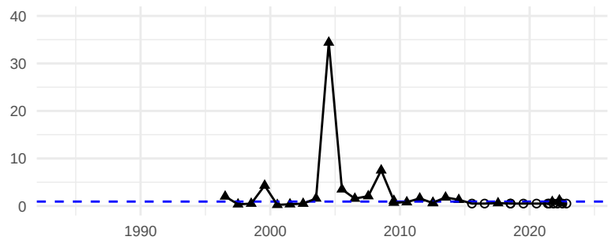
Standard

- AGQS
- SMCL
- Background

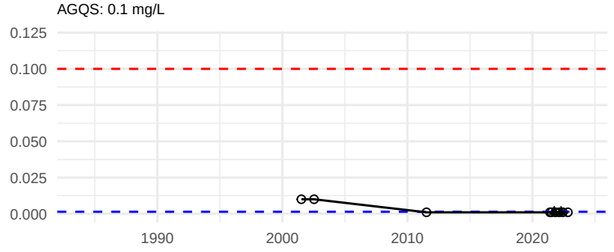
Temperature (C) :

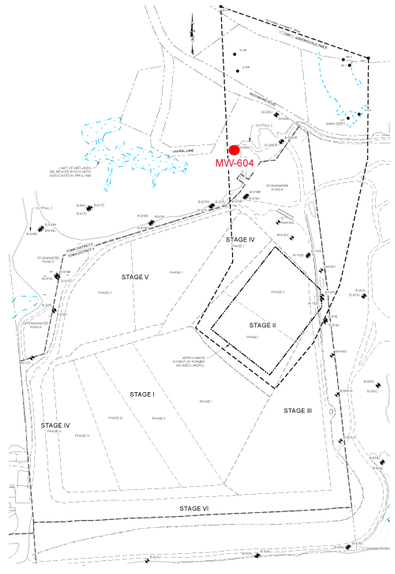


Total Kjeldahl Nitrogen (TKN) (mg/L) :

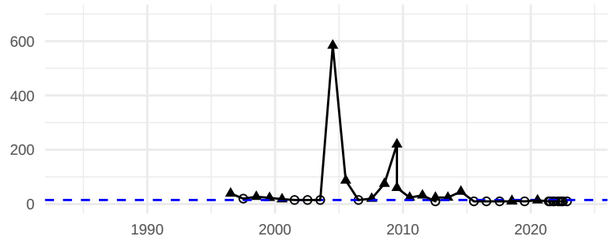


Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L

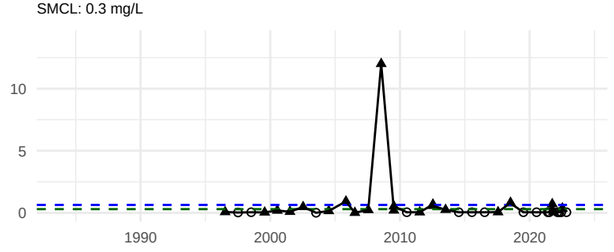




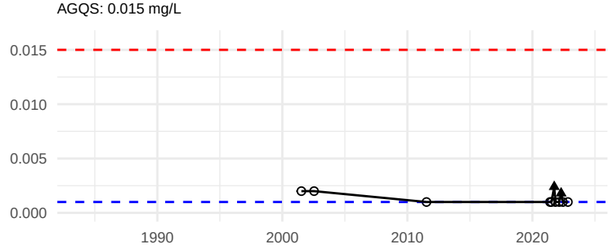
Chemical Oxygen Demand (mg/L) :



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

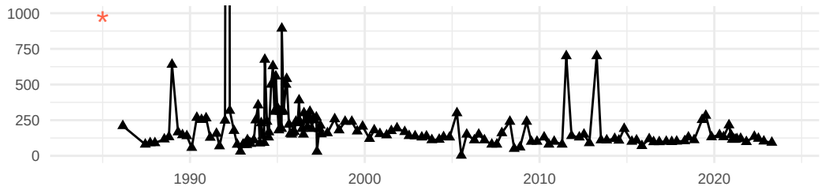
Sanborn, Head & Associates, Inc.

Appendix C.2

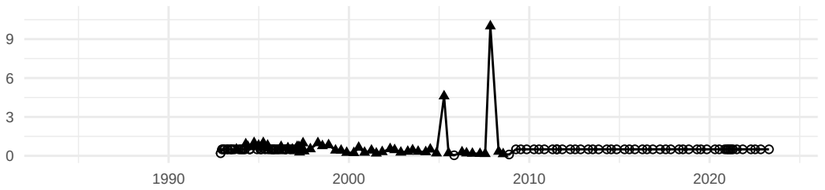
Surface Water Analytical Results

Seep S−1

Specific Conductance (uS/cm) :

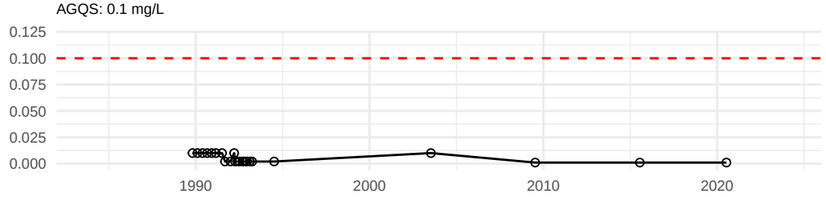


Total Kjeldahl Nitrogen (TKN) (mg/L) :



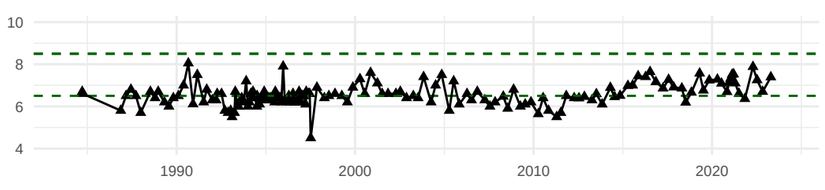
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



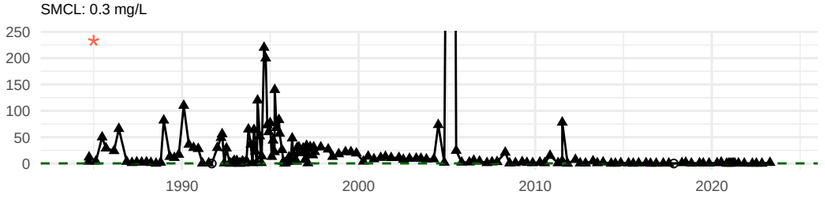
pH (SU) :

SMCL: 6.5 − 8.5 SU

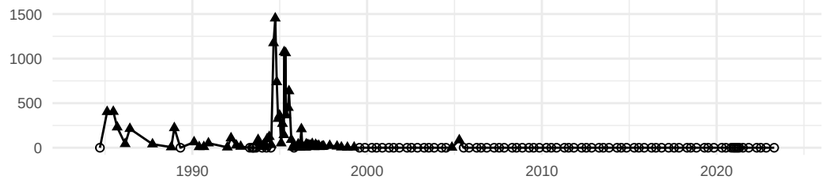


Total Iron (mg/L) :

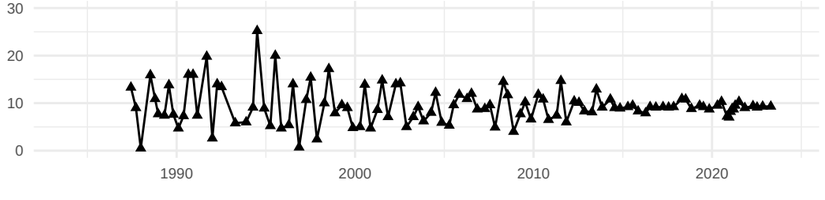
SMCL: 0.3 mg/L



Total VOCs (NA) :

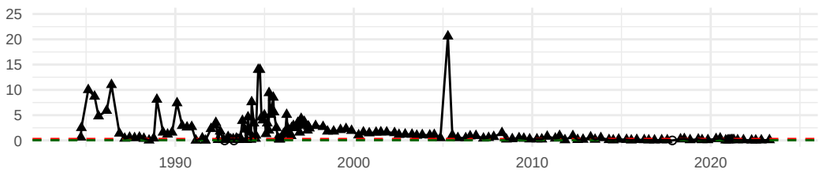


Temperature (C) :



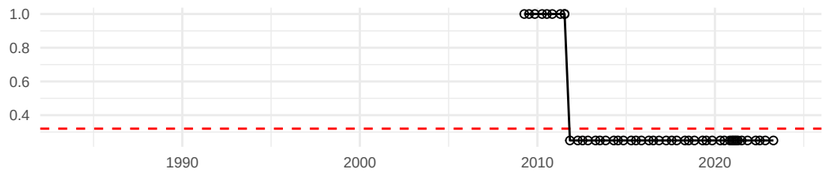
Total Manganese (mg/L) :

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

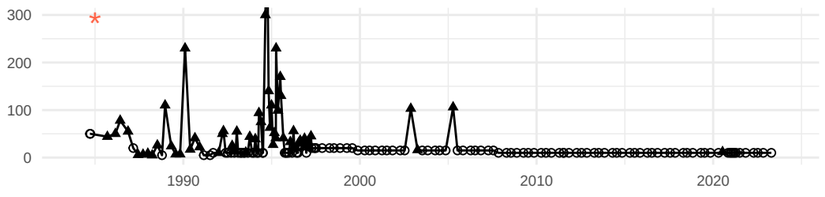


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

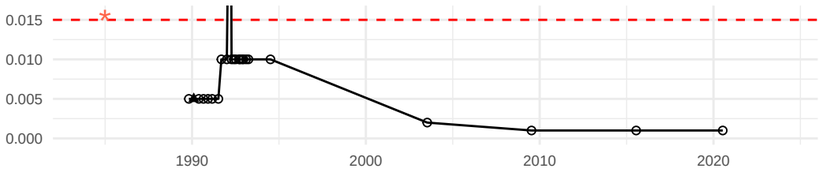


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

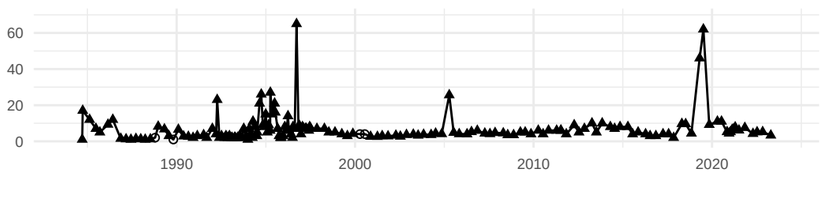
Standard

AGQS

SMCL

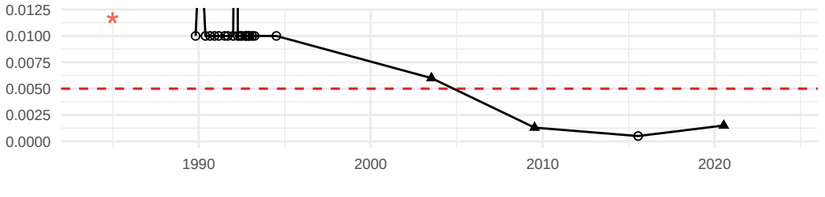
Chloride (mg/L) :

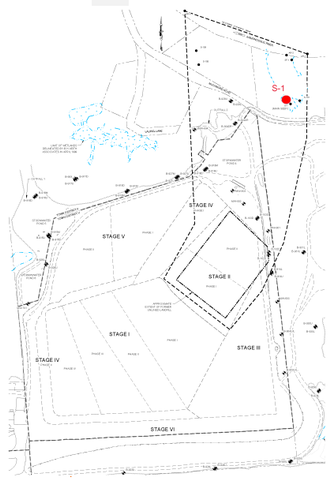
SMCL: 250 mg/L



Total Arsenic (mg/L) :

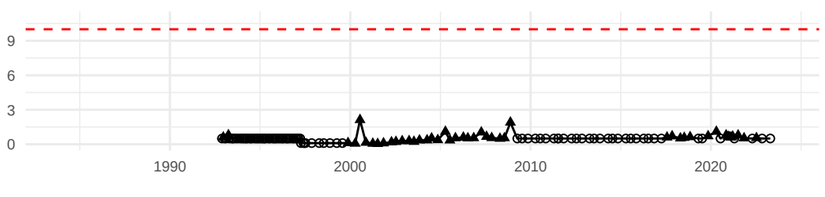
AGQS: 0.005 mg/L





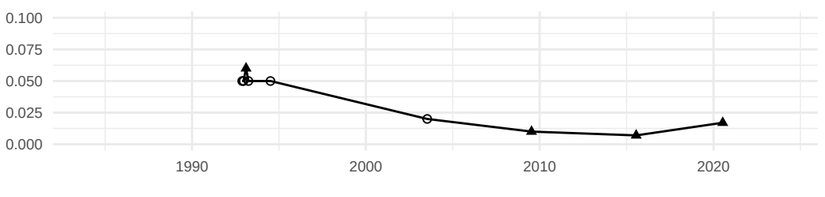
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L

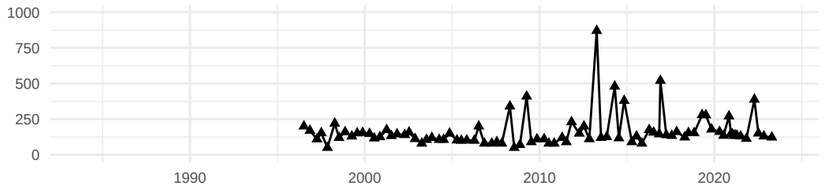


* indicates one or more data points plot outside concentration range shown

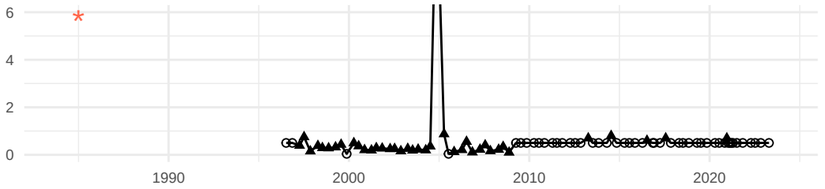
Sanborn, Head & Associates, Inc.

SF−1

Specific Conductance (uS/cm) :

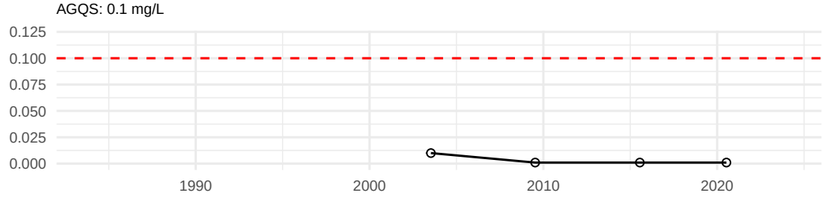


Total Kjeldahl Nitrogen (TKN) (mg/L) :



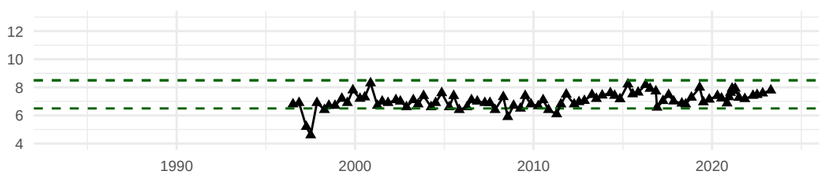
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



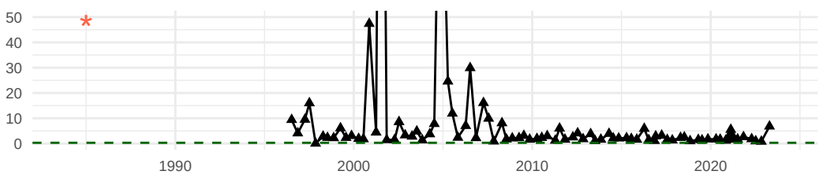
pH (SU) :

SMCL: 6.5 − 8.5 SU

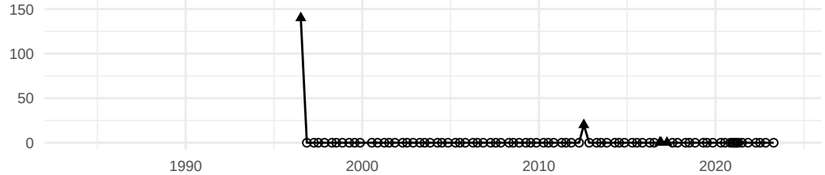


Total Iron (mg/L) :

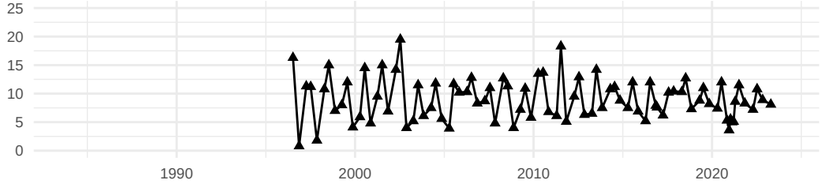
SMCL: 0.3 mg/L



Total VOCs (NA) :

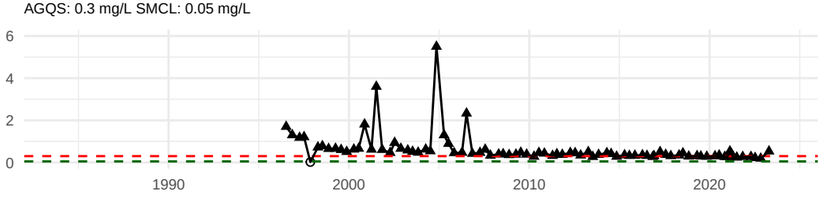


Temperature (C) :



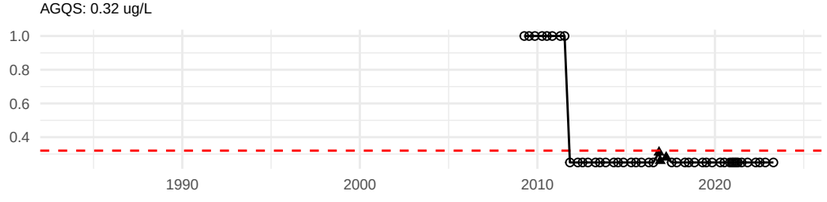
Total Manganese (mg/L) :

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

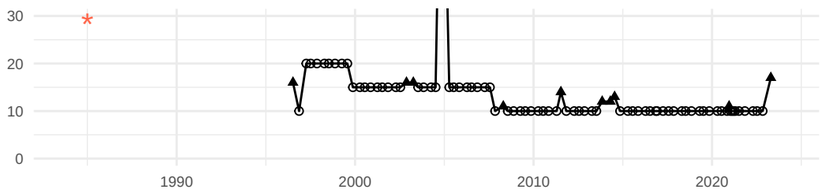


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

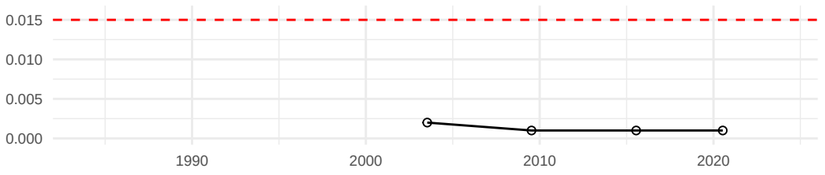


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

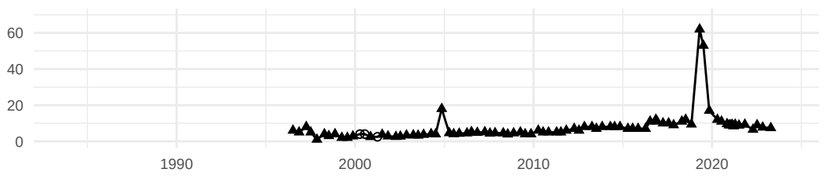
Standard

AGQS

SMCL

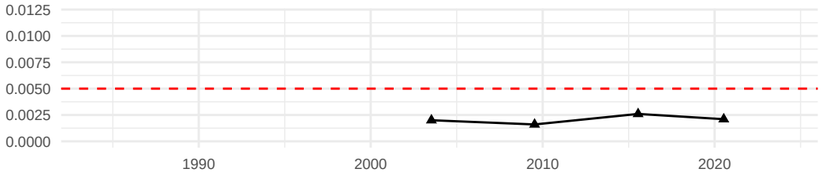
Chloride (mg/L) :

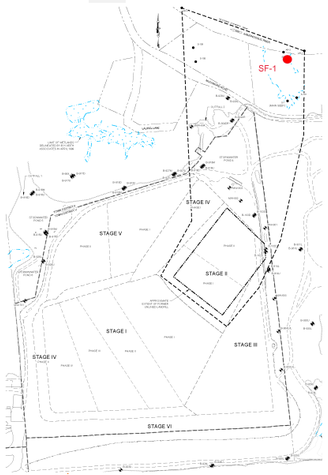
SMCL: 250 mg/L



Total Arsenic (mg/L) :

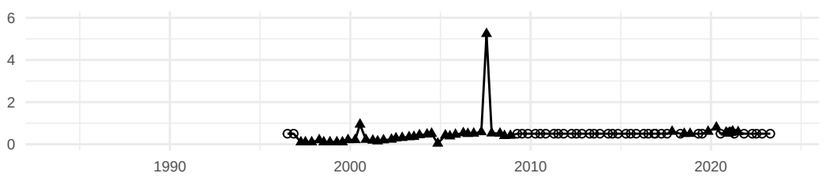
AGQS: 0.005 mg/L





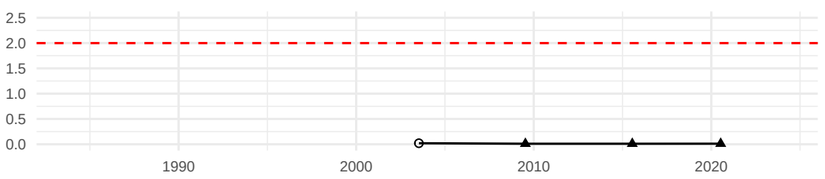
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L

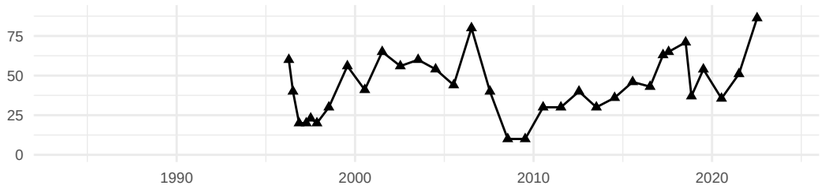


* indicates one or more data points plot outside concentration range shown

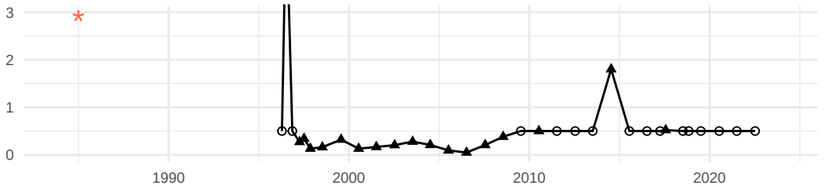
Sanborn, Head & Associates, Inc.

AR−1

Specific Conductance (uS/cm) :

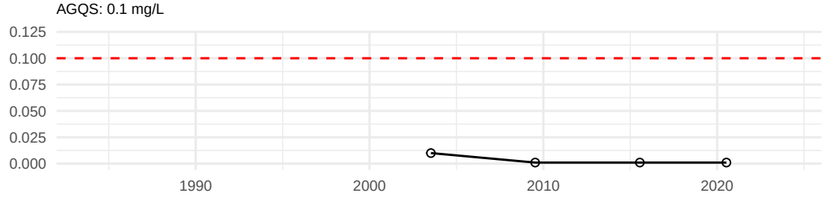


Total Kjeldahl Nitrogen (TKN) (mg/L) :



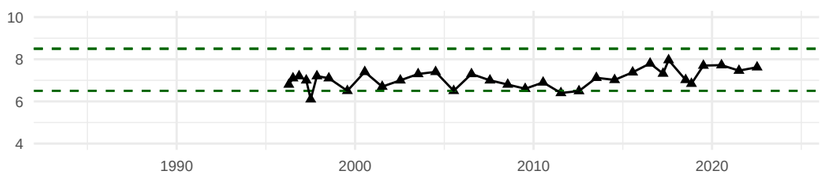
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



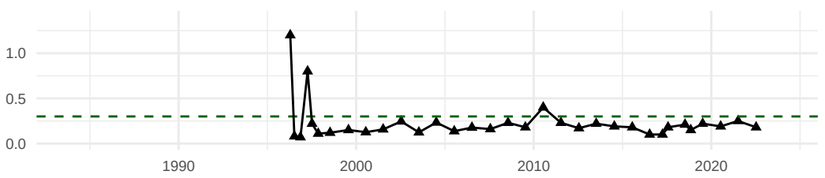
pH (SU) :

SMCL: 6.5 − 8.5 SU



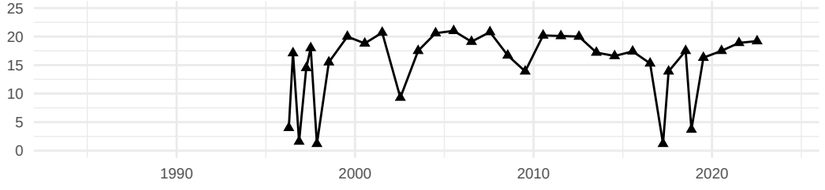
Total Iron (mg/L) :

SMCL: 0.3 mg/L



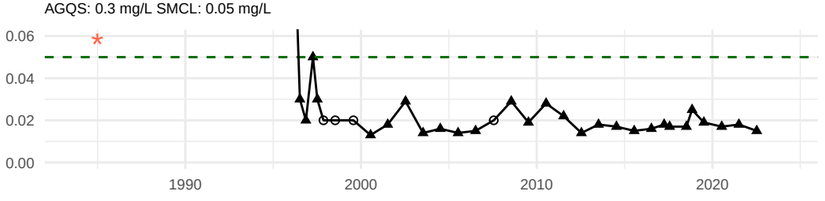
Total VOCs (NA) :

Temperature (C) :



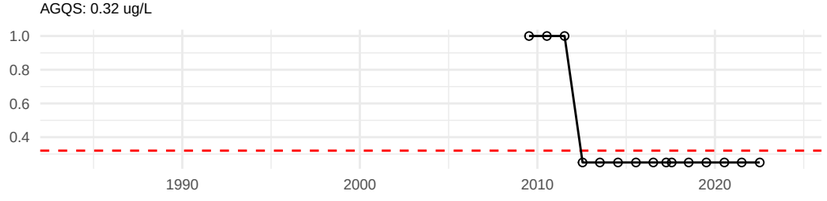
Total Manganese (mg/L) :

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

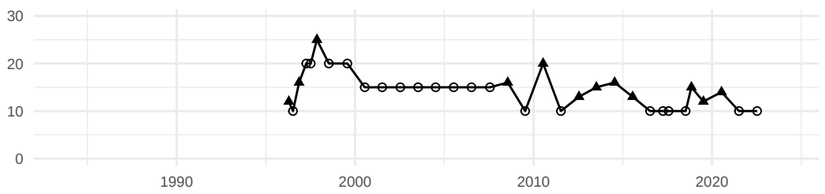


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

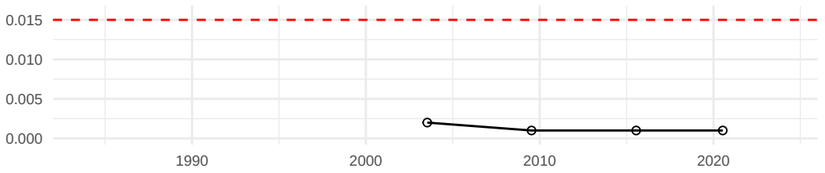


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

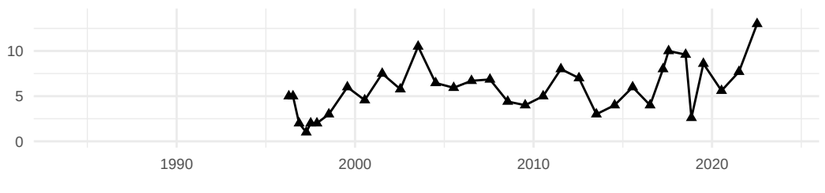
Standard

AGQS

SMCL

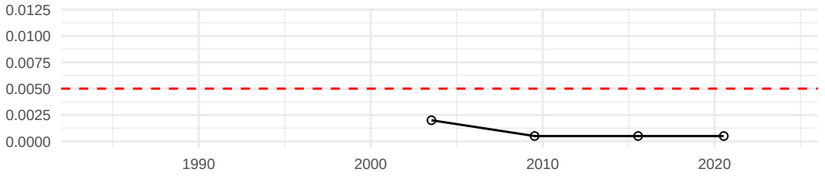
Chloride (mg/L) :

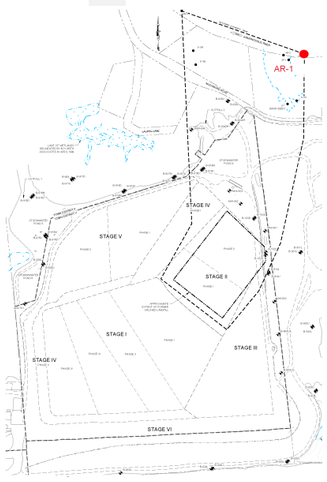
SMCL: 250 mg/L



Total Arsenic (mg/L) :

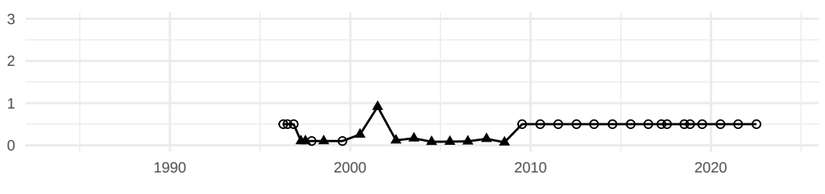
AGQS: 0.005 mg/L





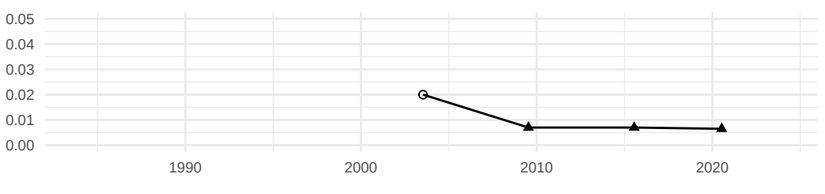
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L

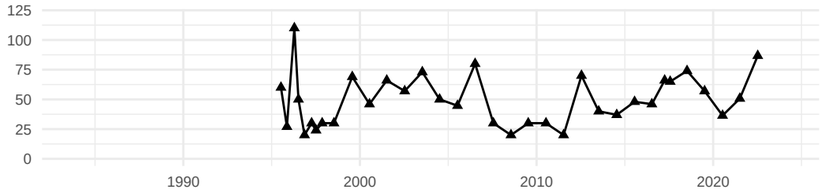


* indicates one or more data points plot outside concentration range shown

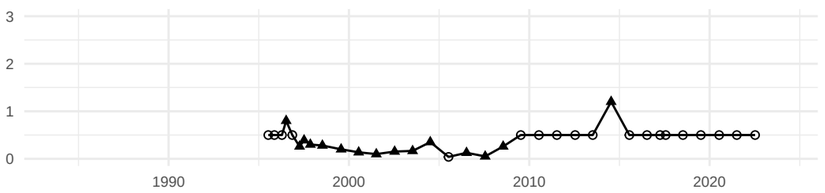
Sanborn, Head & Associates, Inc.

AR−2

Specific Conductance (uS/cm) :

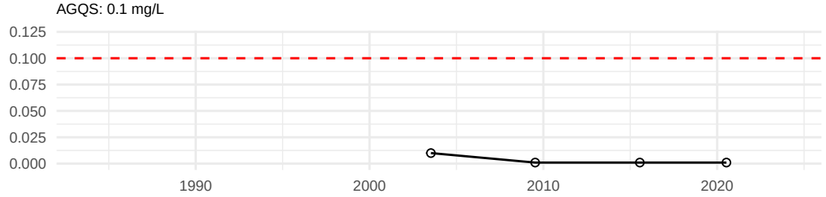


Total Kjeldahl Nitrogen (TKN) (mg/L) :



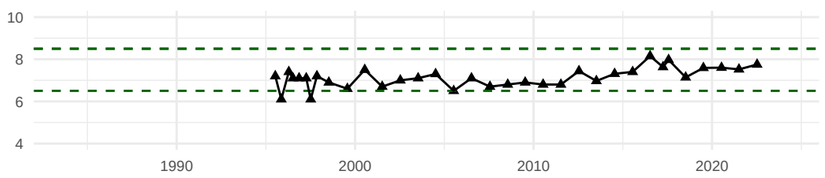
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



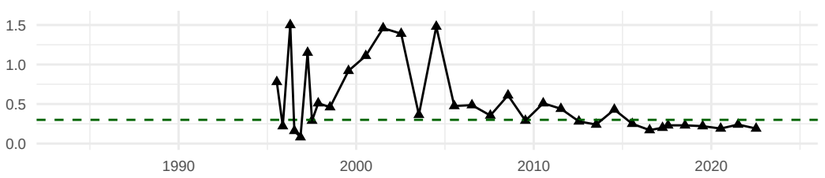
pH (SU) :

SMCL: 6.5 − 8.5 SU



Total Iron (mg/L) :

SMCL: 0.3 mg/L

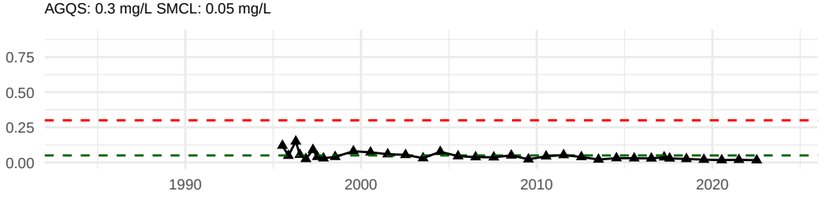


Total VOCs (NA) :

Temperature (C) :

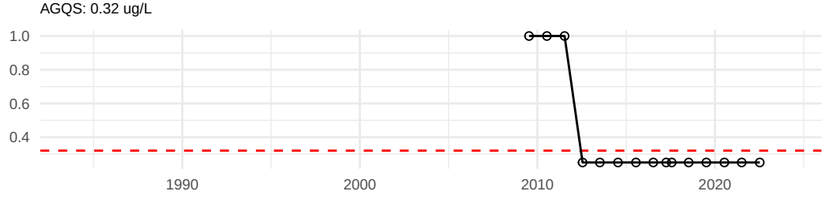
Total Manganese (mg/L) :

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

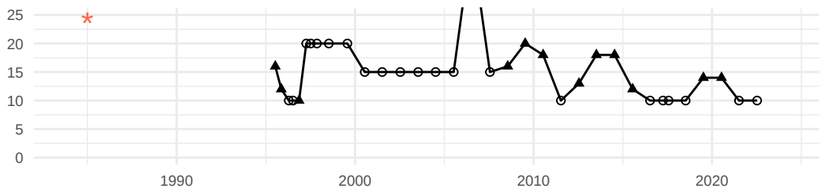


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

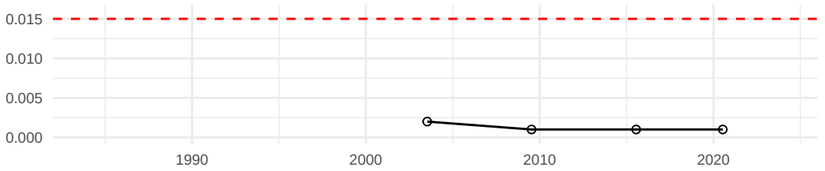


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

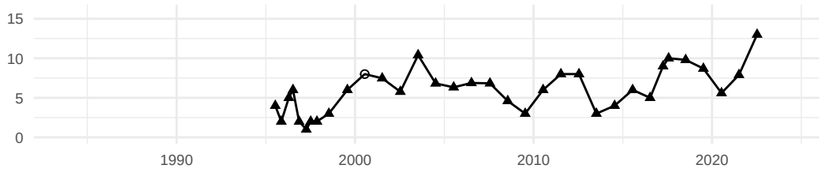
Standard

AGQS

SMCL

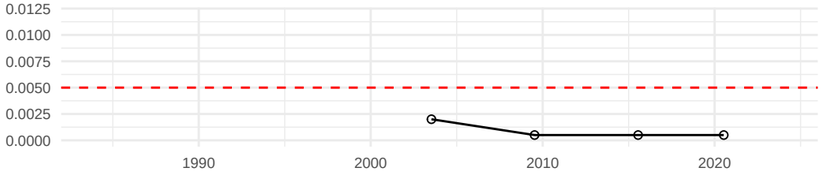
Chloride (mg/L) :

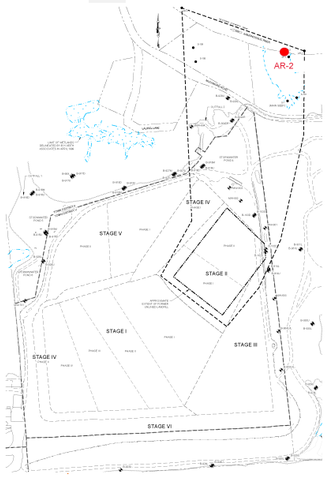
SMCL: 250 mg/L



Total Arsenic (mg/L) :

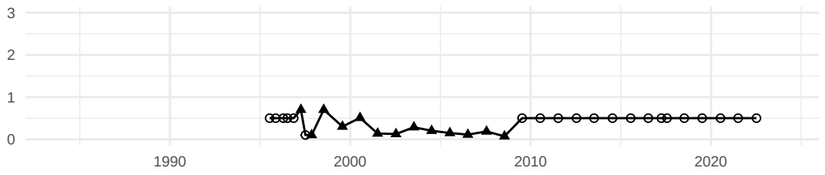
AGQS: 0.005 mg/L





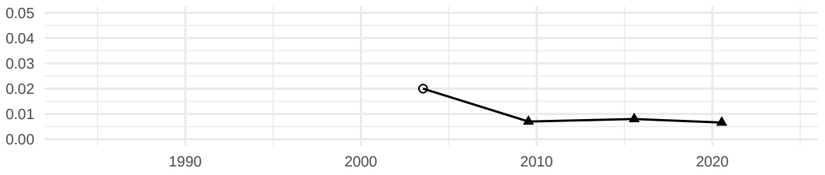
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L



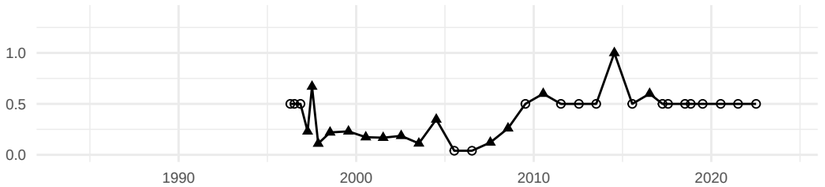
* indicates one or more data points plot outside concentration range shown

Sanborn, Head & Associates, Inc.

AR−3

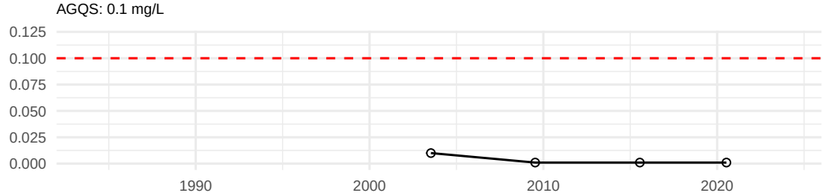
Specific Conductance (uS/cm) :

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



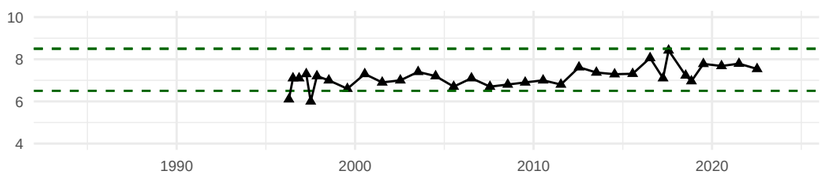
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



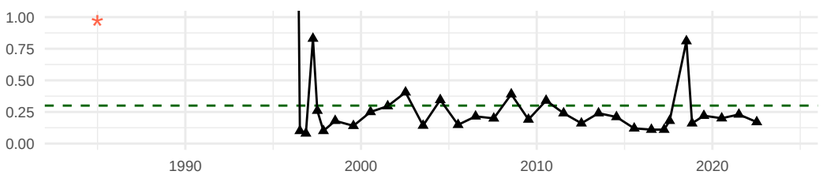
pH (SU) :

SMCL: 6.5 − 8.5 SU

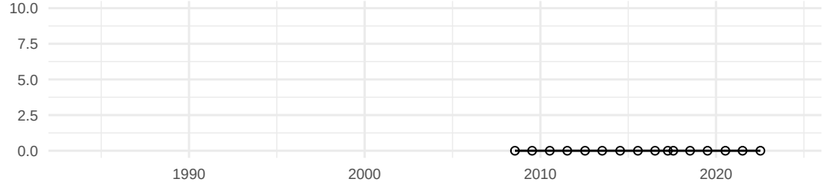


Total Iron (mg/L) :

SMCL: 0.3 mg/L



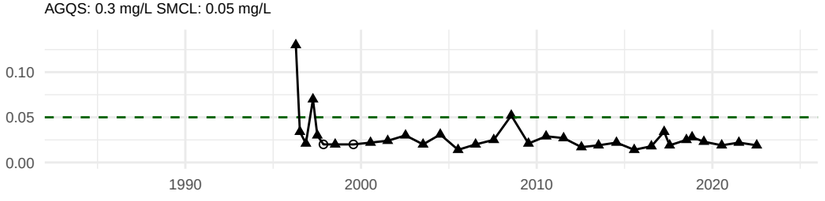
Total VOCs (NA) :



Temperature (C) :

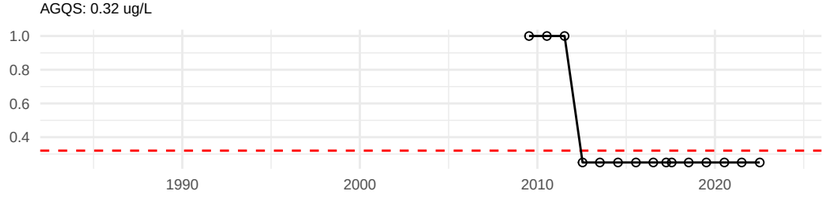
Total Manganese (mg/L) :

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

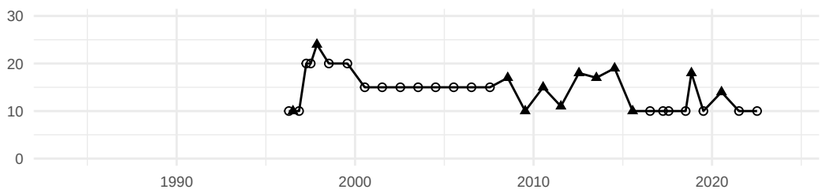


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

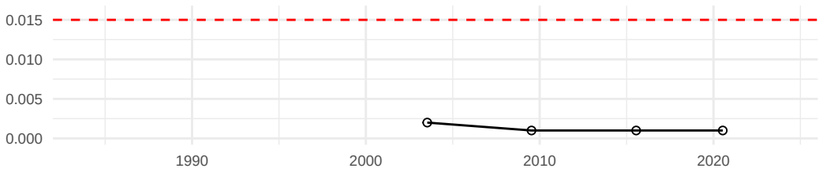


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

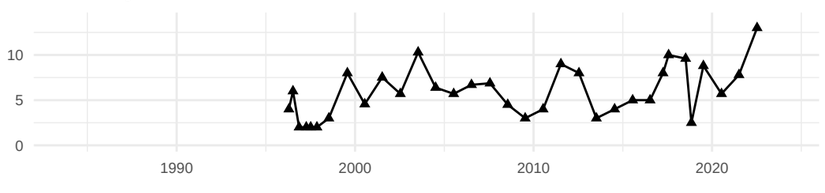
Standard

AGQS

SMCL

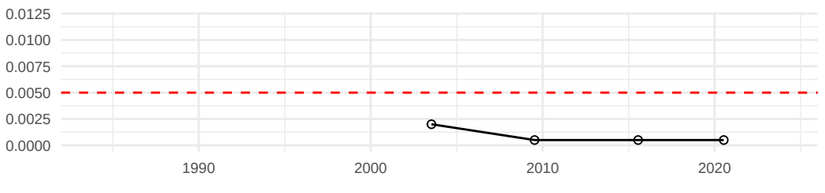
Chloride (mg/L) :

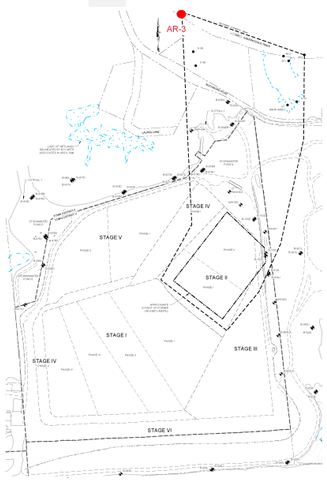
SMCL: 250 mg/L



Total Arsenic (mg/L) :

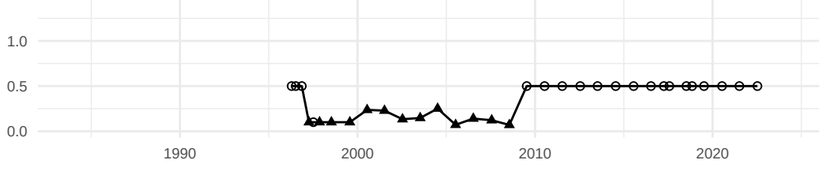
AGQS: 0.005 mg/L





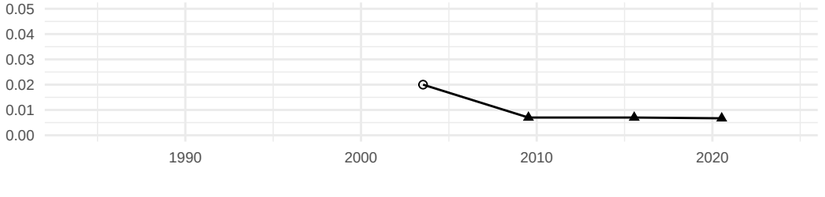
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L



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

Sanborn, Head & Associates, Inc.

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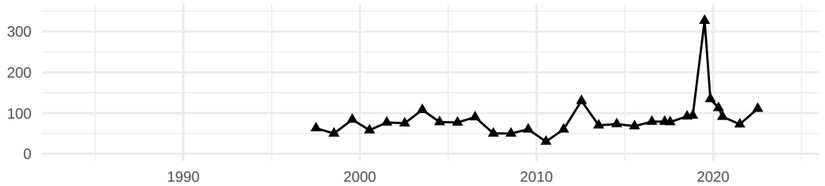
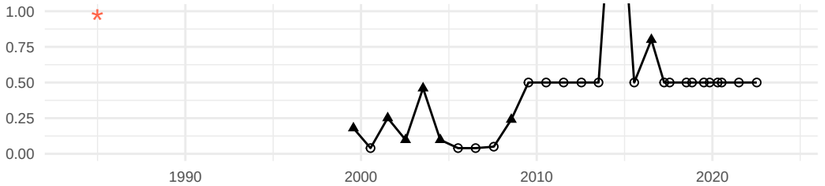
Specific Conductance (uS/cm) :

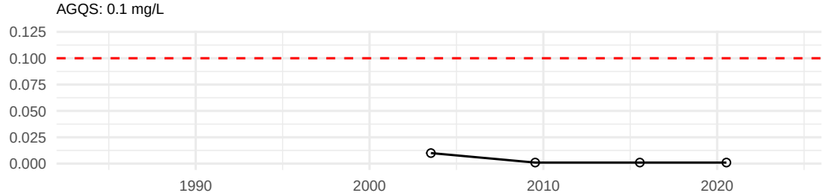


Total Kjeldahl Nitrogen (TKN) (mg/L) :



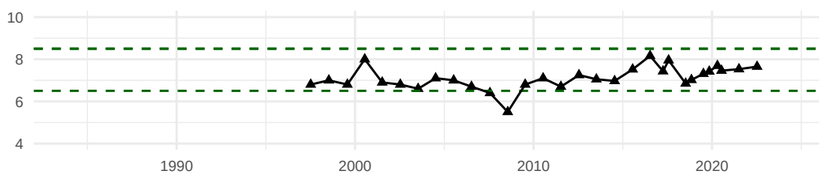
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



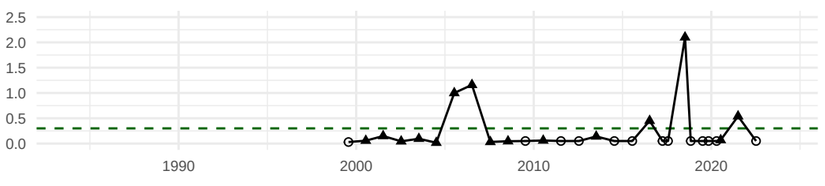
pH (SU) :

SMCL: 6.5 − 8.5 SU

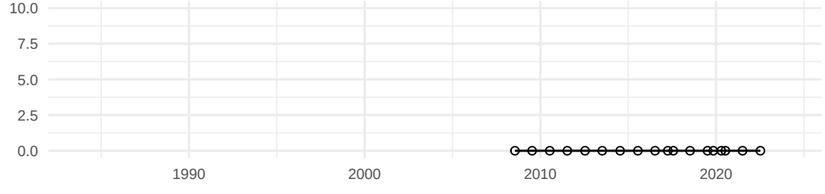


Total Iron (mg/L) :

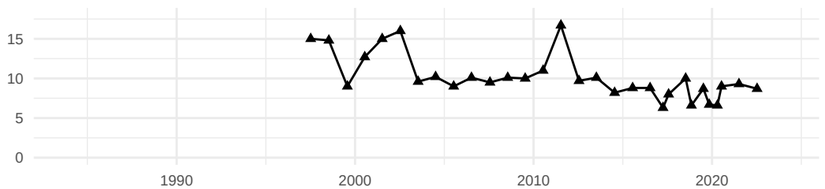
SMCL: 0.3 mg/L



Total VOCs (NA) :

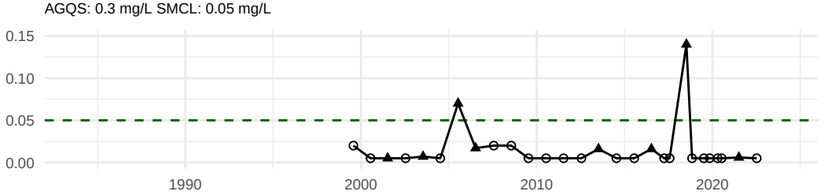


Temperature (C) :



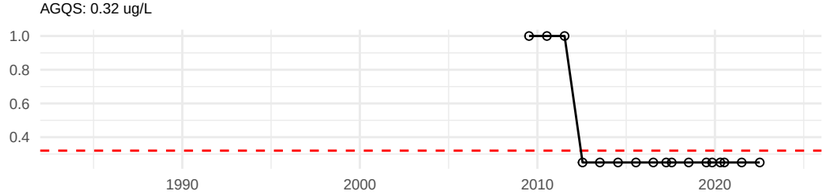
Total Manganese (mg/L) :

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

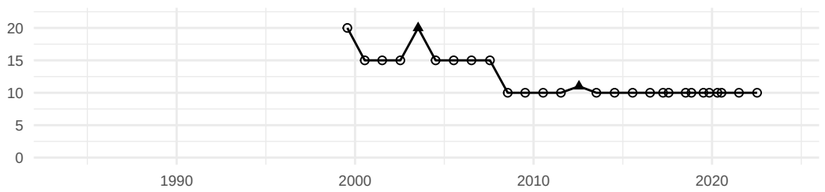


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

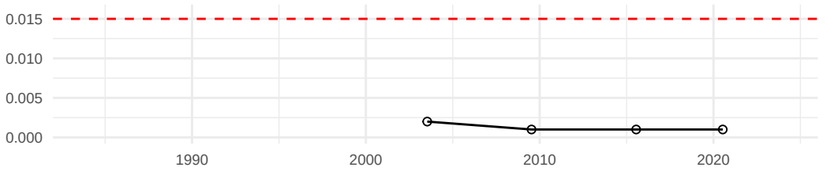


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

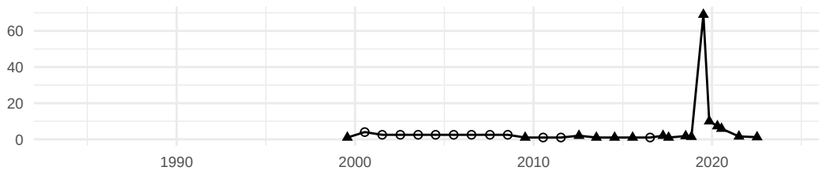
Standard

AGQS

SMCL

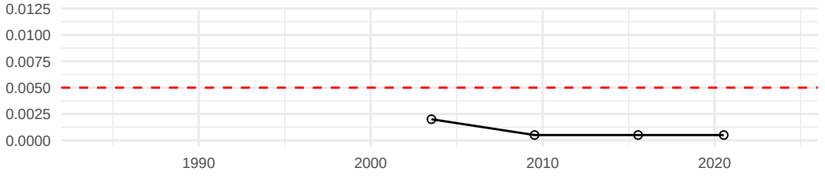
Chloride (mg/L) :

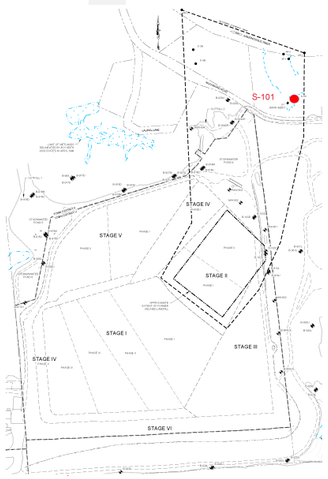
SMCL: 250 mg/L



Total Arsenic (mg/L) :

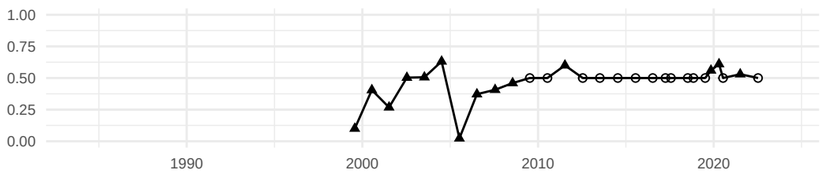
AGQS: 0.005 mg/L





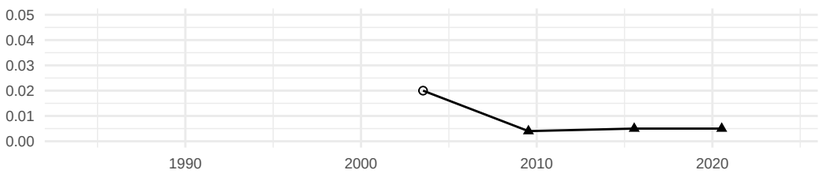
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L



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

Sanborn, Head & Associates, Inc.

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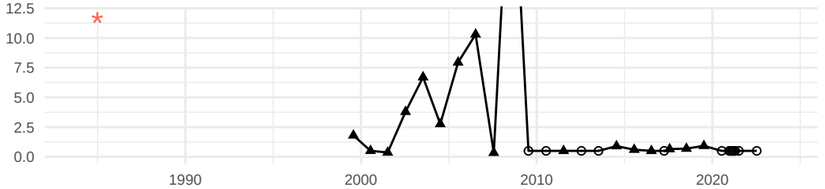
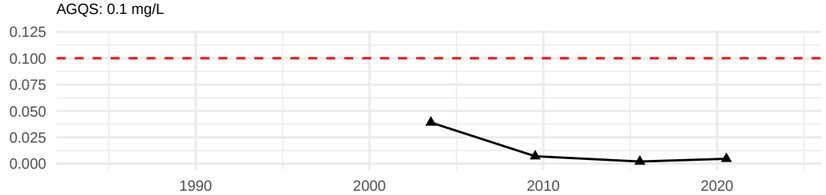
Specific Conductance (uS/cm) :

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



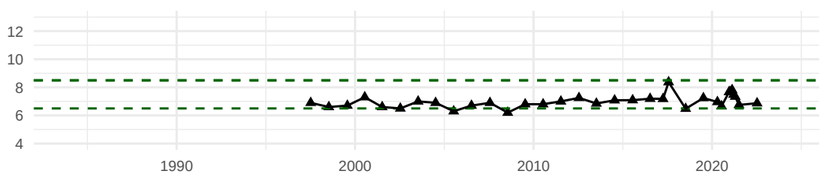
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



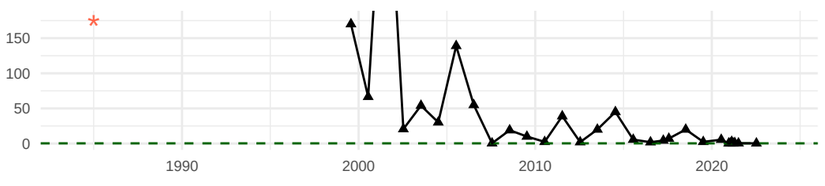
pH (SU) :

SMCL: 6.5 − 8.5 SU

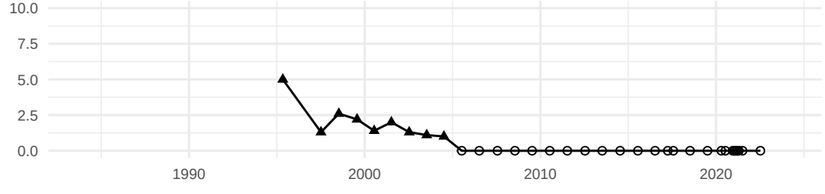


Total Iron (mg/L) :

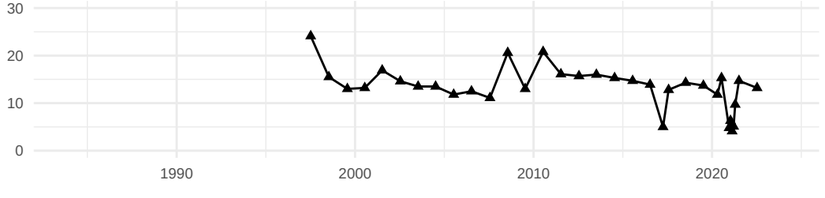
SMCL: 0.3 mg/L



Total VOCs (NA) :

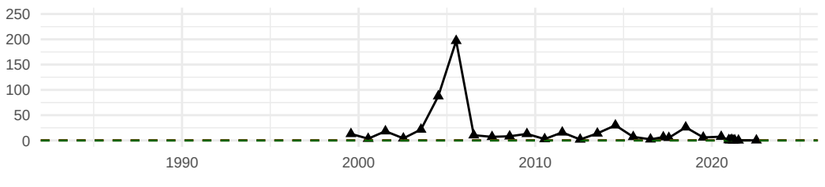


Temperature (C) :



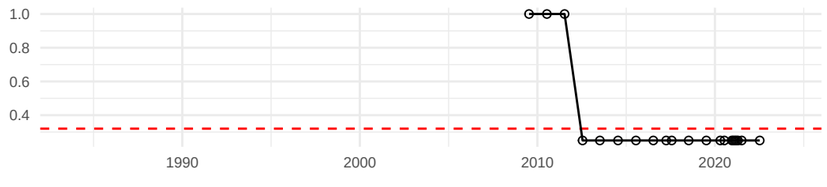
Total Manganese (mg/L) :

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

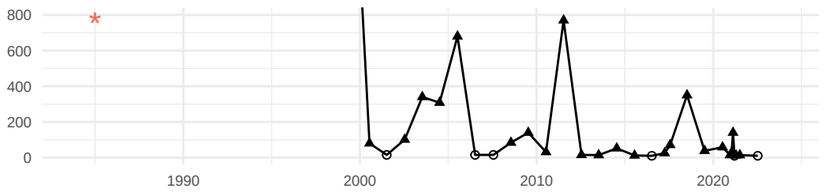


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

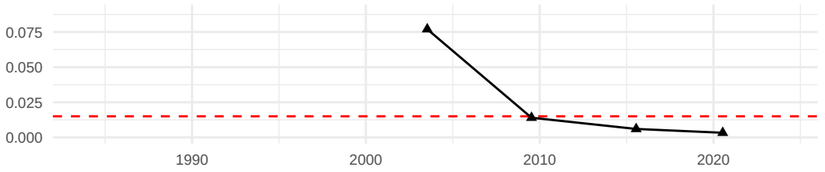


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

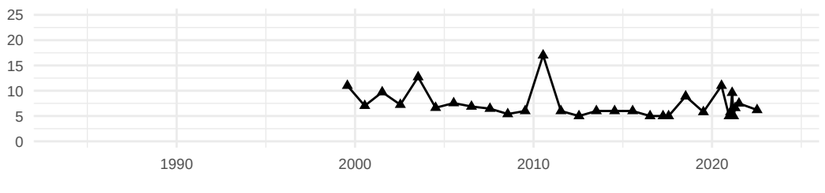
Standard

AGQS

SMCL

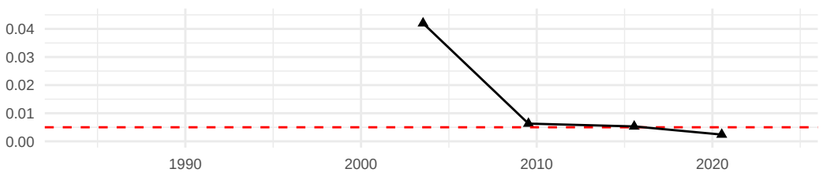
Chloride (mg/L) :

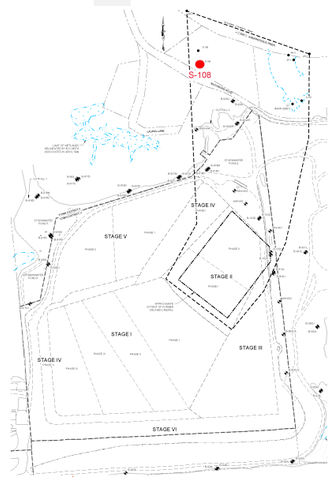
SMCL: 250 mg/L



Total Arsenic (mg/L) :

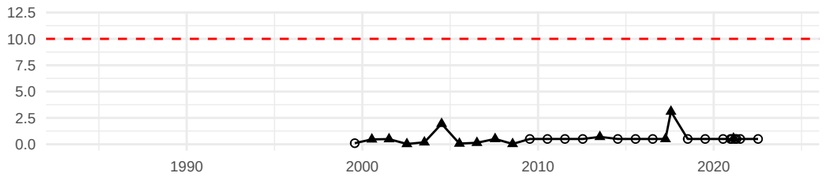
AGQS: 0.005 mg/L





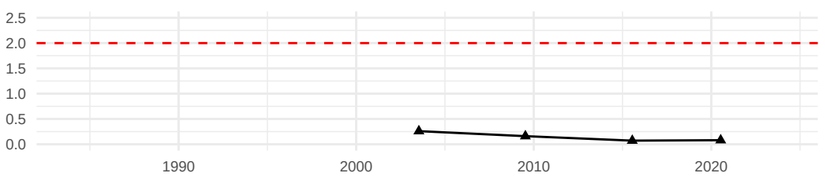
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L



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

Sanborn, Head & Associates, Inc.

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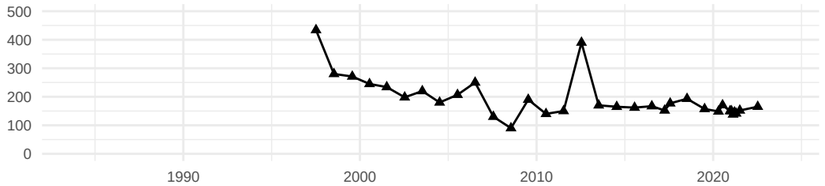
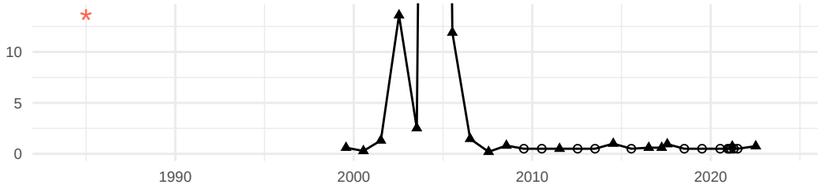
Specific Conductance (uS/cm) :

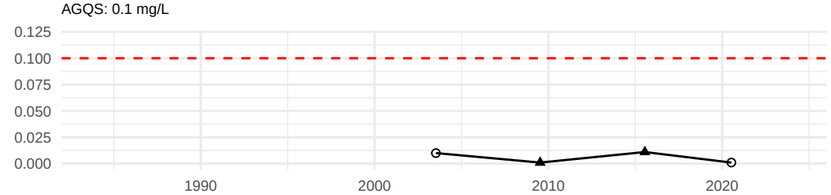


Total Kjeldahl Nitrogen (TKN) (mg/L) :



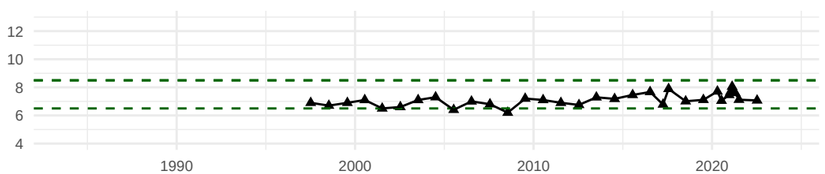
Total Chromium (mg/L) :

AGQS: 0.1 mg/L



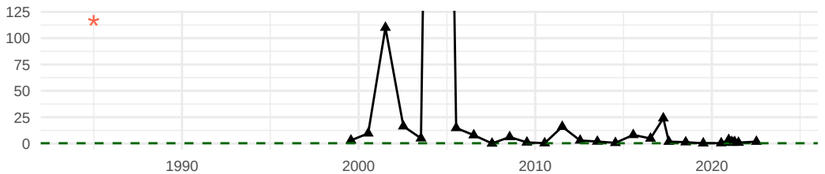
pH (SU) :

SMCL: 6.5 − 8.5 SU

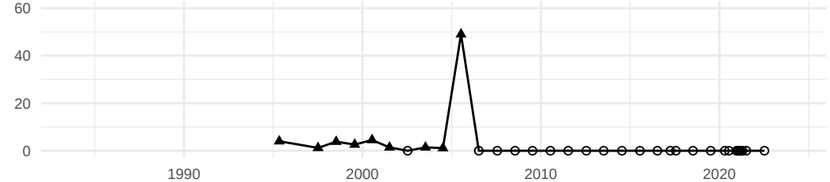


Total Iron (mg/L) :

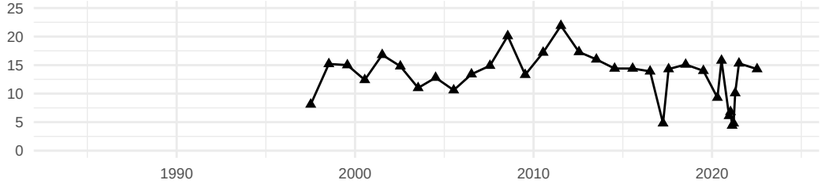
SMCL: 0.3 mg/L



Total VOCs (NA) :

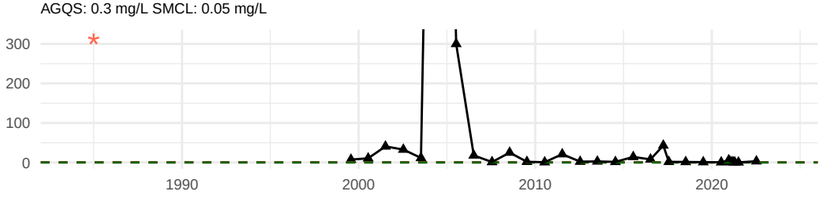


Temperature (C) :



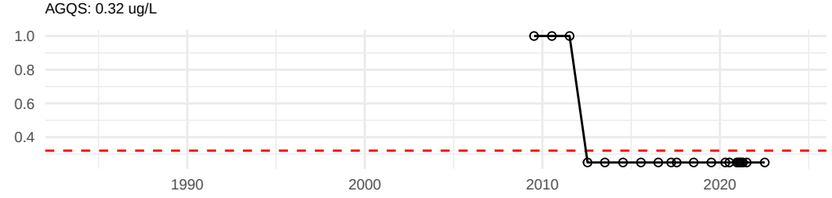
Total Manganese (mg/L) :

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

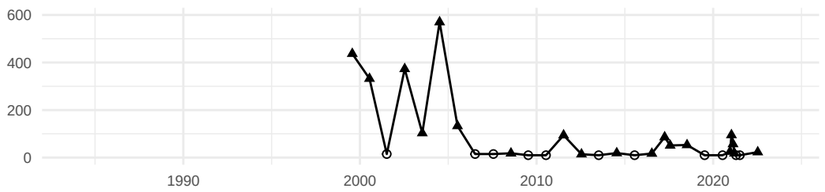


Dioxane (1,4−) (ug/L) :

AGQS: 0.32 ug/L

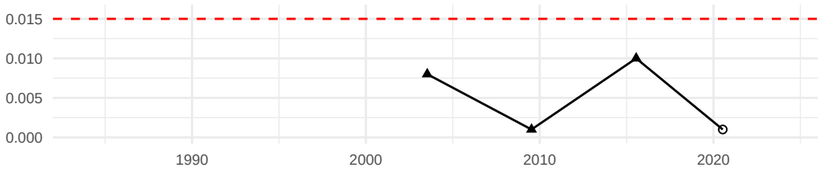


Chemical Oxygen Demand (mg/L) :



Total Lead (mg/L) :

AGQS: 0.015 mg/L



Result

Detect

Non−Detect

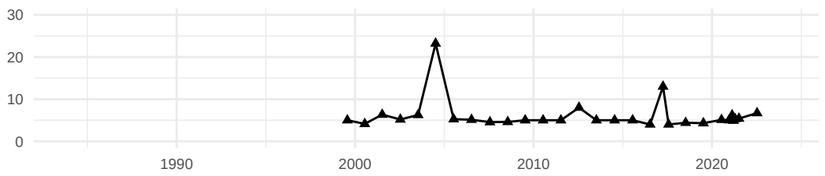
Standard

AGQS

SMCL

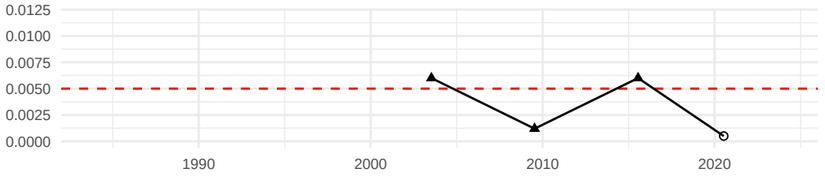
Chloride (mg/L) :

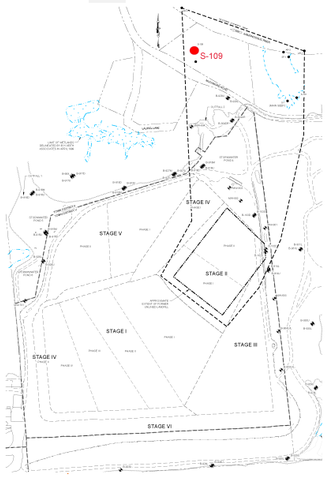
SMCL: 250 mg/L



Total Arsenic (mg/L) :

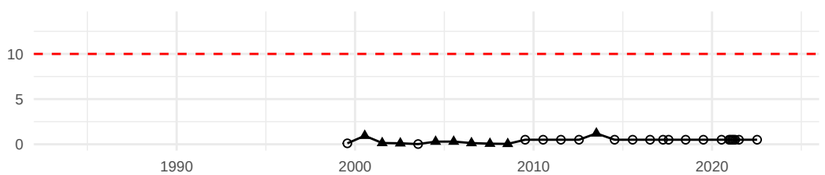
AGQS: 0.005 mg/L





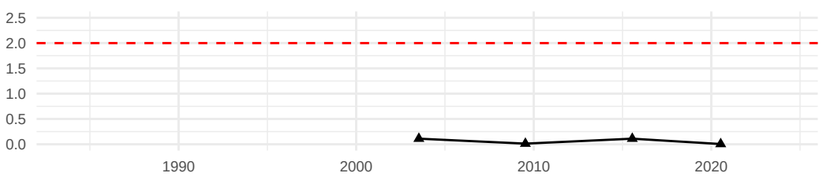
Nitrate (mg/L) :

AGQS: 10 mg/L



Total Barium (mg/L) :

AGQS: 2 mg/L



* 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 were collected by Sanborn Head personnel on the dates indicated and analyzed for PFAS by Vista Analytical Laboratory (Vista) of El Dorado Hills, California (except April 2019) by USEPA Method 537 (modified) with isotope dilution. Vista 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-007

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-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
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-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

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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	<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	<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	5.40	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-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-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
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	<4.39	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

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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-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	<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-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	<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-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
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<1.99	<2.48	<1.99	<1.99	43.25	93.54

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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	<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	<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	<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	<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	<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	<4	<4	<20	<4	<4	18.25	35.57
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	<4	<4	<20	<4	<4	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	<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	<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	<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	<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	<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	<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	<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	<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	<4	<4	<20	<4	<4	23.4	97.6
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	<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	<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	<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	<4	<20	<4	<4	ND	ND
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-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

TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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-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	<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-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-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-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
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-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-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-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

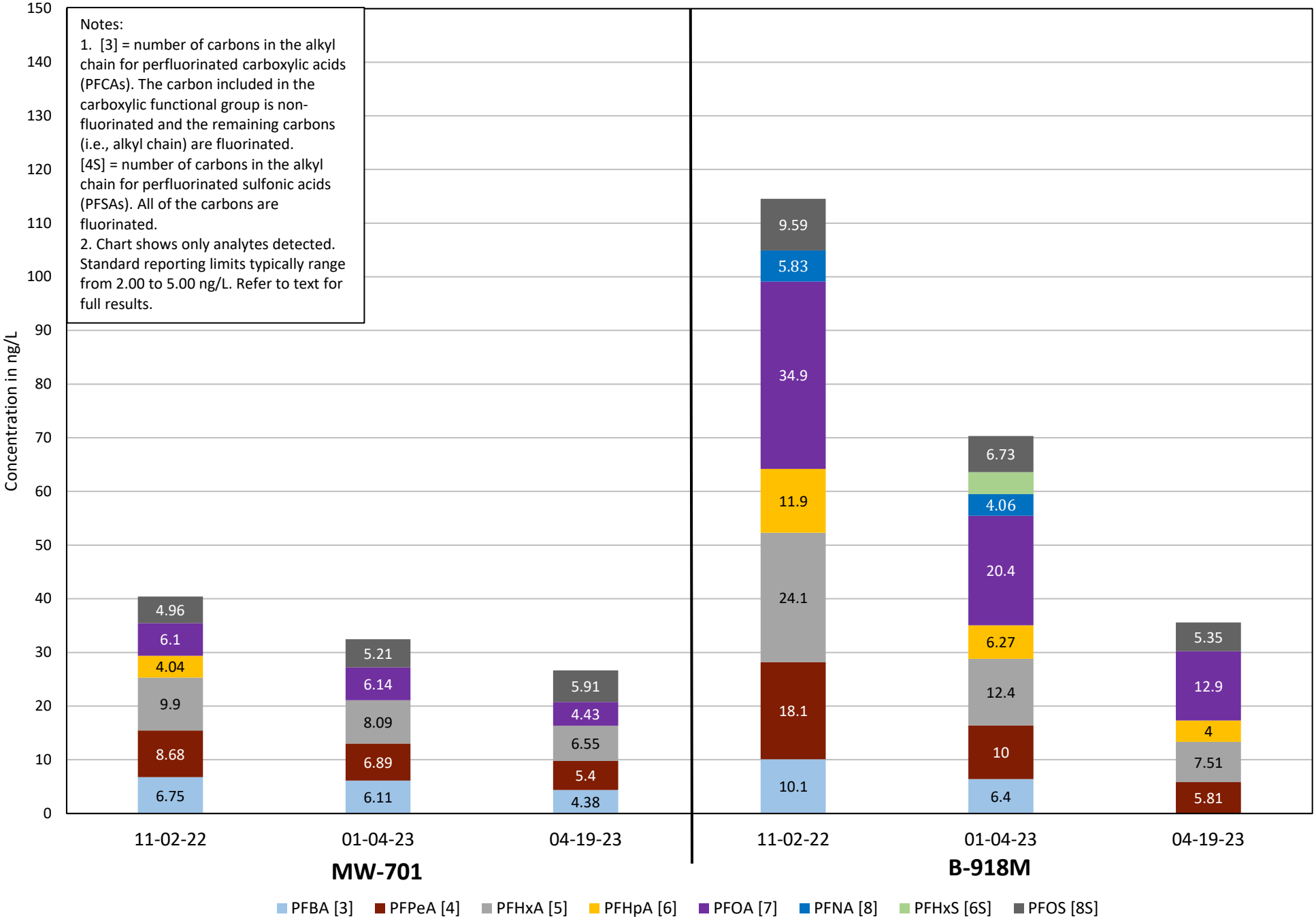
TABLE D.1
Summary of PFAS Groundwater Analytical Results
North Country Environmental Services, Inc.
Bethlehem, New Hampshire
Permit No. GWP-198704033-B-007

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	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
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_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

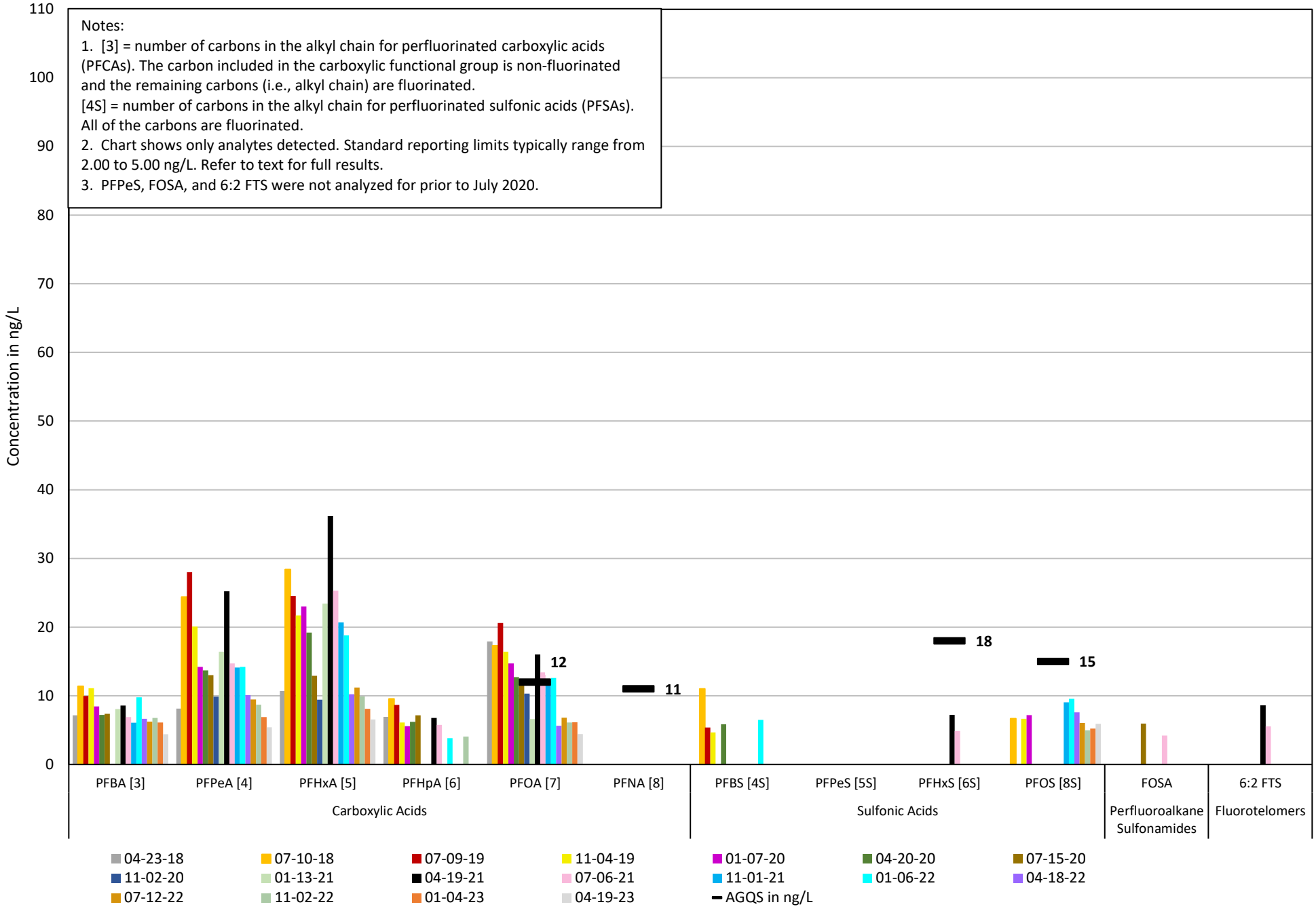
Appendix D.2

PFAS Plots

PFAS by Location - November 2022 & January & April 2023

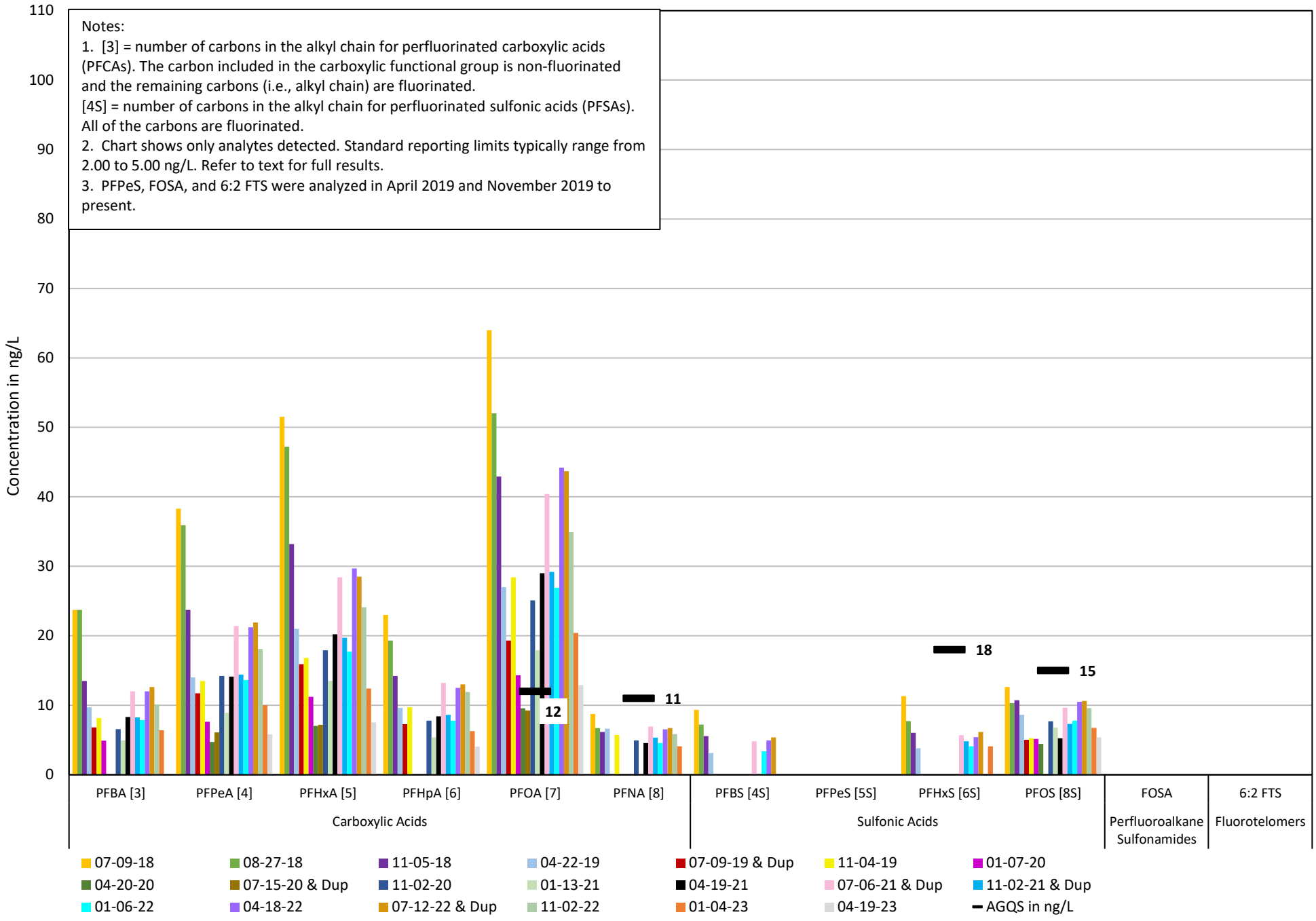


PFAS in MW-701



PFAS not detected in B-918U (7/18, 8/18, 7/19, 7/20, 7/21, and 7/22) and B-918D (8/18, 7/19, and 7/21).

PFAS in B-918M



Appendix E

Sanborn Head Field Sampling Summary Forms

Groundwater Quality Field Sampling Summary

SANBORN HEAD

Project Number:	2637.10	Date(s):	April 18-19, 2023
Project Name:	North Country Environmental Services, Inc.	Project Manager:	T. White, M. Estabrooks
Project Location:	Bethlehem, New Hampshire	Collector(s):	PJP, MTS, ZFS, GWB
pH, Conductivity, Temperature Meter(s): Oakton PC 450		Weather:	
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 2021 (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-102S	04/19/23	10:30	TPVC	1.5"	1344.77	39.74	1305.03	38.3	41.20	SP	0.10	AG	–	–	–	–	Y	Y	–	–	–	4
B-102D	04/19/23	10:32	TPVC	1.5"	1344.02	38.09	1305.93	61	61.06	SP	1.65	AG	–	–	–	–	Y	Y	–	–	–	4
B-103S	04/18/23	12:45	TPVC	1.5"	1357.64	54.26	1303.38	61	61.43	SP	1.99	AG	7.10	125	11.7	–	Y	Y	2.5	Y	Ded. Waterra	2
B-103D	04/18/23	12:56	TPVC	1.5"	1358.61	55.58	1303.03	66.5	68.33	SP	1.88	AG	7.08	101	12.0	–	Y	Y	3.5	Y	Ded. Waterra	2
B-304UR	04/18/23	11:15	TPVC	2"	1338.44	46.99	1291.45	50	52.95	SP	2.15	AG	6.99	184	11.4	–	Y	Y	3	Y	Ded. Bailer	1
B-304DR	04/18/23	11:18	TPVC	2"	1338.24	47.26	1290.98	75	75.77¥	SP	2.20	AG	6.70	344	13.3	–	Y	Y	14.5	Y	Mega-Monsoon XL Pump	3,5
MW-603	04/19/23	13:10	TPVC	2"	1375.33	66.65	1308.68	70	71.64	SP	2.15	AG	7.12	76	9.4	–	Y	Y	2.75	Y	Ded. Bailer	1
MW-604	04/18/23	11:00	TPVC	2"	1319.83	41.72	1278.11	75	75.11	SP	2.65	AG	–	–	–	–	Y	Y	–	–	–	4
MW-701	04/19/23	8:51	TPVC	2"	1331.63	15.76	1315.87	23	25.00	SP	2.05	AG	6.47	238	6.4	30.0	Y	Y	4.5	Y	Ded. Bailer	1,9
MW-801	04/19/23	13:11	TPVC	2"	1347.07	43.13	1303.94	52	51.23	SP	2.85	AG	6.92	128	9.2	–	Y	Y	5.75	Y	Ded. Bailer	1
MW-802	04/19/23	11:33	TPVC	2"	1350.55	47.56	1302.99	52	51.84	SP	3.05	AG	6.32	308	13.9	–	Y	Y	3.75	Y	Ded. Bailer	1
MW-803	04/19/23	10:45	TPVC	2"	1346.38	43.34	1303.04	53	55.39	SP	0.75	AG	6.38	401	14.2	–	Y	Y	6	Y	Ded. Bailer	1,6
B-903U	04/19/23	11:35	TPVC	2"	1384.77	73.12	1311.65	73	77.34	SP	2.90	AG	–	–	–	–	Y	Y	–	–	–	4
B-903L	04/19/23	11:37	TPVC	2"	1384.51	73.17	1311.34	106	104.01	SP	3.15	AG	–	–	–	–	Y	Y	–	–	–	4
B-904U	04/19/23	11:24	TPVC	2"	1379.79	69.86	1309.93	72	74.68	SP	2.10	AG	–	–	–	–	Y	Y	–	–	–	4
B-904L	04/19/23	11:26	TPVC	2"	1379.79	70.00	1309.79	118	119.52	SP	2.15	AG	–	–	–	–	Y	Y	–	–	–	4
B-914U	04/19/23	12:21	TPVC	2"	1347.55	40.22	1307.33	44	46.40	SP	0.05	AG	6.66	71	11.7	>1,000	Y	Y	3	Y	Ded. Bailer	1
B-914L	04/19/23	10:37	TPVC	2"	1348.64	42.81	1305.83	81	81.77	SP	1.20	AG	–	–	–	–	Y	Y	–	–	–	4
B-915U	04/18/23	14:58	TPVC	2"	1338.20	24.31	1313.89	35.75	35.87	SP	1.95	AG	6.94	139	8.7	–	Y	Y	3.25	N	Ded. Bailer	1,7
B-915M	04/18/23	15:05	TPVC	2"	1338.09	32.36	1305.73	78.72	78.88	SP	3.25	AG	6.31	344	8.3	–	Y	Y	24	Y	Ded. Waterra	2
B-915D	04/18/23	14:46	TPVC	2"	1338.16	32.05	1306.11	108.18	108.38	SP	1.55	AG	–	–	–	–	Y	Y	–	–	–	4
B-916U	04/18/23	13:38	TPVC	2"	1323.76	11.66	1312.10	26.14	26.23	SP	2.42	AG	6.03	69	7.3	–	Y	Y	8.25	Y	Ded. Bailer	1
B-916M	04/18/23	13:40	TPVC	2"	1323.91	42.74	1281.17	89.5	92.43	SP	2.68	AG	6.35	309	8.0	–	Y	Y	24	Y	Ded. Waterra	2
B-916D	04/18/23	13:22	TPVC	2"	1323.99	52.81	1271.18	126.6	125.65	SP	2.61	AG	–	–	–	–	Y	Y	–	–	–	4
B-917U	04/18/23	14:15	TPVC	2"	1325.14	30.49	1294.65	38.64	37.80	SP	2.55	AG	6.92	43	7.4	–	Y	Y	2.5	N	Ded. Bailer	1,7
B-909	04/18/23	14:15	TPVC	2"	1325.50	32.48	1293.02	57.55	57.78	SP	2.57	AG	7.04	78	7.2	–	Y	Y	13.5	Y	Ded. Waterra	2
B-917D	04/18/23	13:30	TPVC	2"	1325.36	31.27	1294.09	102.86	102.14	SP	2.31	AG	–	–	–	–	Y	Y	–	–	–	4
B-918U	04/19/23	9:37	TPVC	2"	1330.59	26.96	1303.63	30.55	31.51	SP	3.00	AG	6.32	280	7.8	–	Y	Y	3.25	Y	Ded. Bailer	1
B-918M	04/19/23	9:40	TPVC	2"	1330.23	26.90	1303.33	47.8	47.92	SP	1.78	AG	6.64	180	9.4	3.00	Y	Y	11	Y	Ded. Waterra	2,9
B-918D	04/19/23	9:20	TPVC	2"	1330.57	35.82	1294.75	126.51	127.31	SP	2.60	AG	–	–	–	–	Y	Y	–	–	–	4
B-919U	04/18/23	8:50	TPVC	2"	1344.27	40.14	1304.13	50	43.43	SP	2.15	AG	6.77	108	10.2	–	Y	Y	0.75	N	Ded. Bailer	1,7
B-919M	04/18/23	9:15	TPVC	2"	1344.06	51.59	1292.47	100	99.24	SP	2.25	AG	6.87	149	15.3	–	Y	Y	9.75	N	Ded. Bailer	1,7
B-919D	04/18/23	8:34	TPVC	2"	1344.13	51.71	1292.42	150	151.18	SP	1.2	AG	–	–	–	–	Y	Y	–	–	–	4
B-923U	04/19/23	12:35	TPVC	2"	1357.38	39.00	1318.38	43.3	46.17	SP	2.7	AG	–	–	–	–	Y	Y	–	–	–	4
B-924U	04/19/23	14:00	TPVC	2"	1362.00	32.98	1329.02	34.3	37.24	SP	3.0	AG	6.98	90	7.0	–	Y	Y	2	N	Ded. Bailer	1,7
B-924L	04/19/23	12:18	TPVC	2"	1361.25	44.29	1316.96	90.8	93.76	SP	2.6	AG	–	–	–	–	Y	Y	–	–	–	4
B-925U	04/19/23	12:07	TPVC	2"	1365.00	30.30	1334.70	32	37.16	SP	3†	AG	–	–	–	–	Y	Y	–	–	–	4
B-925L	04/19/23	12:09	TPVC	2"	1365.05	47.13	1317.92	81.3	86.84	SP	3†	AG	–	–	–	–	Y	Y	–	–	–	4
B-926U	04/18/23	15:31	TPVC	2"	1332.47	25.50	1306.97	29	31.52	SP	2.4	AG	6.04	254	9.1	–	Y	Y	1.5	N	Ded. Bailer	1,7
B-926L	04/18/23	15:32	TPVC	2"	1332.68	31.29	1301.39	64	66.29	SP	2.5	AG	6.38	254	8.6	–	Y	Y	17	Y	Ded. Waterra	2
B-927U	04/18/23	10:00	TPVC	2"	1345.58	45.79	1299.79	49.2	52.35	SP	2.7	AG	6.45	356	10.6	–	Y	Y	2.75	N	Ded. Bailer	1,7
B-927M	04/18/23	10:24	TPVC	2"	1345.59	48.13	1297.46	86.3	85.50	SP	2.6	AG	7.37	140	14.4	–	Y	Y	19.75	Y	Mega-Monsoon XL Pump	3
B-927L	04/18/23	9:50	TPVC	2"	1345.61	54.60	1291.01	133.1	135.66	SP	2.6	AG	–	–	–	–	Y	Y	–	–	–	4
B-928U	04/18/23	12:06	TPVC	2"	1333.75	44.45	1289.30	51.3	54.01¥	SP	–	AG	6.50	151	9.2	–	Y	Y	5.75	Y	Ded. Bailer	1
B-928D	04/18/23	12:14	TPVC	2"	1334.12	49.24	1284.88	71.1	73.79¥	SP	–	AG	6.72	233	9.6	–	Y	Y	12	Y	Ded. Waterra	2
B-929U	04/19/23	11:57	TPVC	2"	1376.06	42.39	1333.67	55.2	57.92§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
B-929L	04/19/23	11:59	TPVC	2"	1375.99	49.25	1326.74	95.1	97.80§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
B-930U	04/19/23	11:44	TPVC	2"	1376.69	42.14	1334.55	50.1	52.79§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
B-930L	04/19/23	11:46	TPVC	2"	1376.93	68.59	1308.34	114	116.52§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
B-931U	04/19/23	11:14	TPVC	2"	1331.86	26.69	1305.17	34.2	36.83§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
B-931L	04/19/23	11:16	TPVC	2"	1332.07	26.90	1305.17	65.9	66.80§	SP	–	AG	–	–	–	–	Y	Y	–	–	–	4
QC_FB	04/19/23	10:00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	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 LDPE 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 B-918M.
9. Sampled for PFAS. Only PFAS samples were screened for turbidity to support laboratory analysis.
10. "†" indicates PVC riser was extended July 2021.
    "¥" indicates depth to bottom plunked September 2021.
    "§" indicates depth to bottom plunked post well development November 2022.

Surface Water Quality Field Sampling Summary

SANBORN HEAD	Project Number:	2637.10	Date(s): April 18, 2023
	Project Name:	North Country Environmental Services, Inc.	
	Project Location:	Bethlehem, New Hampshire	
pH, Conductivity, Temperature Meter(s): Oakton PC 450			Project Manager: T. White, M. Estabrooks
Turbidity Meter: Hach 2100P			Collector(s): MTS
			Weather: Light rain, 40s°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	4/18/2023	9:30	7.79	123	8.1	21.6	Laboratory Container	1
Seep S-1	4/18/2023	9:50	7.39	93	9.3	3.5	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: 258845
Client Identification: NCES | Surface Water | 2637.10
Date Received: 4/19/2023

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 — 4.26.23 Date

SAMPLE CONDITIONS PAGE

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Temperature upon receipt (°C): 1.7 **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)
258845.01	S-1_20230418	4/19/23	4/18/23	09:50	aqueous		Adheres to Sample Acceptance Policy
258845.02	SF-1_20230418	4/19/23	4/18/23	09:38	aqueous		Adheres to Sample Acceptance Policy
258845.03	TB-SW-01_20230418	4/19/23	4/18/23	10:20	aqueous		Adheres to Sample Acceptance Policy
258845.04	TB-LL-SW-01_20230418	4/19/23	4/18/23	10:20	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#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF-1_20230418	TB-SW-01_20230418
Lab Sample ID:	258845.01	258845.02	258845.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23
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#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF-1_20230418	TB-SW-01_20230418
Lab Sample ID:	258845.01	258845.02	258845.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23
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)	**88 %R**	**89 %R**	**91 %R**
1,2-Dichlorobenzene-d4 (surr)	**109 %R**	**108 %R**	**107 %R**
Toluene-d8 (surr)	**94 %R**	**94 %R**	**95 %R**
1,2-Dichloroethane-d4 (surr)	**110 %R**	**110 %R**	**108 %R**

QC REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-10403/A041923V82601

Client Designation: **NCES | Surface Water | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	20 (101 %R)	20 (100 %R) (1 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	22 (112 %R)	19 (96 %R) (15 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	25 (124 %R)	24 (118 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	24 (121 %R)	28 (141 %R) (15 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	21 (105 %R)	21 (103 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	22 (108 %R)	21 (105 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	17 (87 %R)	17 (86 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	21 (103 %R)	19 (97 %R) (6 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (108 %R)	21 (103 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	100 (104 %R)	99 (99 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	21 (103 %R)	20 (100 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	22 (110 %R)	20 (102 %R) (8 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	21 (107 %R)	21 (105 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	22 (109 %R)	21 (106 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	22 (110 %R)	21 (107 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	22 (110 %R)	21 (107 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (102 %R)	20 (98 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (107 %R)	21 (104 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	23 (117 %R)	23 (113 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	22 (109 %R)	21 (104 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	21 (107 %R)	20 (101 %R) (5 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	21 (104 %R)	19 (95 %R) (9 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	21 (103 %R)	20 (98 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	21 (103 %R)	20 (100 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	21 (104 %R)	20 (101 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	22 (111 %R)	21 (106 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	21 (107 %R)	20 (102 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	21 (104 %R)	20 (101 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	21 (105 %R)	20 (99 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	21 (107 %R)	21 (104 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	21 (104 %R)	20 (99 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	21 (105 %R)	20 (102 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (116 %R)	< 50 (113 %R) (2 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	19 (94 %R)	18 (90 %R) (4 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	22 (111 %R)	21 (107 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (105 %R)	20 (101 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	23 (115 %R)	22 (110 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	21 (103 %R)	20 (98 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	22 (111 %R)	20 (101 %R) (10 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (103 %R)	19 (97 %R) (6 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (102 %R)	19 (97 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	21 (104 %R)	20 (100 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	22 (108 %R)	20 (101 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (105 %R)	20 (100 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	20 (102 %R)	19 (97 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-10403/A041923V82601

Client Designation: **NCES | Surface Water | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	23 (113 %R)	21 (107 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	37 (94 %R)	36 (89 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	23 (113 %R)	21 (106 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	18 (90 %R)	16 (78 %R) (14 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	21 (106 %R)	20 (101 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	22 (109 %R)	20 (100 %R) (9 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (107 %R)	21 (104 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	20 (102 %R)	20 (100 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	20 (101 %R)	20 (98 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	23 (114 %R)	22 (108 %R) (6 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	23 (116 %R)	22 (110 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	23 (113 %R)	21 (106 %R) (6 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (112 %R)	20 (101 %R) (10 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	22 (109 %R)	22 (112 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	24 (119 %R)	22 (108 %R) (10 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	25 (124 %R)	23 (113 %R) (10 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	22 (109 %R)	20 (102 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	24 (119 %R)	21 (107 %R) (10 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	21 (103 %R)	19 (96 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	21 (105 %R)	19 (97 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	23 (117 %R)	21 (107 %R) (9 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	21 (104 %R)	20 (100 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (108 %R)	20 (101 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	18 (92 %R)	18 (91 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	20 (102 %R)	19 (95 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	18 (91 %R)	19 (94 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	22 (110 %R)	22 (110 %R) (0 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	91 %R	103 %R	100 %R	4/19/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	107 %R	98 %R	98 %R	4/19/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	95 %R	100 %R	100 %R	4/19/2023	% Rec	70 - 130	20	8260C
1,2-Dichloroethane-d4 (surr)	106 %R	99 %R	99 %R	4/19/2023	% Rec	70 - 130	20	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#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF-1_20230418	TB-LL-SW-01_20230418
Lab Sample ID:	258845.01	258845.02	258845.04
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23
Analyst:	MKB	MKB	MKB
Method:	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**88 %R**	**91 %R**	**89 %R**
Toluene-d8 (surr)	**99 %R**	**101 %R**	**100 %R**

QC REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-00060/A041923DIOX1

Client Designation: **NCES | Surface Water | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.5 (89 %R)	4.5 (91 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	93 %R	93 %R	92 %R	4/19/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	102 %R	102 %R	102 %R	4/19/2023	% Rec	70 - 130	50	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#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF-1_20230418
Lab Sample ID:	258845.01	258845.02
Matrix:	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23
Units:	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23
Analyst:	AR	AR
Method:	8011/504	8011/504
Dilution Factor:	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**107 %R**	**114 %R**

QC REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:**

Client Designation: **NCES | Surface Water | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,2-Dibromoethane(EDB)	< 0.02	0.12 (117 %R)	0.12 (119 %R) (2 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.11 (108 %R)	0.11 (109 %R) (1 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	111 %R	113 %R	116 %R	4/21/2023	% Rec	65 - 135	20	8011/504

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF -1_20230418
Lab Sample ID:	258845.01	258845.02
Matrix:	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23

			Analysis			
			Units	**Date**	**Time**	**Method**	**Analyst**
Chloride	**3.3**	**7.4**	mg/L	4/19/23	14:56	4500CIE-11	ALM
Nitrate-N	< 0.5	< 0.5	mg/L	4/19/23	14:56	353.2	ALM
TKN	< 0.5	< 0.5	mg/L	4/24/23	13:56	$4500N_{org}C/NH3D$	GRS
COD	< 10	**17**	mg/L	4/21/23	8:35	H8000	JCS

QC REPORT

EAI ID#: **258845**

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	27 (107 %R)	26 (104 %R) (3 RPD)	mg/L	4/19/23	90 - 110	20	4500ClE-11
Nitrate-N	< 0.5	5.2 (105 %R)	5.0 (101 %R) (4 RPD)	mg/L	4/19/23	90 - 110	20	353.2
TKN	< 0.5	9.9 (99 %R)	10 (100 %R) (1 RPD)	mg/L	4/24/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	110 (109 %R)	110 (106 %R) (2 RPD)	mg/L	4/21/23	85 - 115	20	H8000

*/I Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

LABORATORY REPORT

EAI ID#: **258845**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water | 2637.10**

Sample ID:	S-1_20230418	SF -1_20230418
Lab Sample ID:	258845.01	258845.02
Matrix:	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23

			Analytical Matrix	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	**1.6**	**6.8**	AqTot	mg/L	4/21/23	200.8	DS
Manganese	**0.094**	**0.53**	AqTot	mg/L	4/21/23	200.8	DS

QC REPORT

EAI ID#: **258845**

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 (104 %R)		NA	mg/L	4/22/23	85 - 115	20	200.8
Manganese	< 0.005	0.42 (105 %R)		NA	mg/L	4/22/23	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 Lab: 258845

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	Low Level EDB/DBCP	TKN, COD	Nitrate, Chloride	Total Metals	# of Containers	NOTES MeOH Vial #
S-1_202304	4/18/23 0950	SW	G	X	X	X	X	X	A	9	
SF-1_202304	0938	SW	G	X	X	X	X	X	A	9	
TB-SW-01_202304	1020	Aq	G	X						2	
TB-LL-SW-01_202304	1020	Aq	G		X					2	
Preservative:				H	Ice	NSO	S	Ice	N		

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

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	20 Foundry Street
City:	Concord State: NH Zip: 03301
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

Temp. 1.7 °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:** 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): MTS

Relinquished By:	Date:	Time:	Received By:
	4/18/23	1745	
Foley	4/19/23	0845	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

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: 258846
Client Identification: NCES | Groundwater | 2637.10
Date Received: 4/19/2023

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 — Date 4.26.23

SAMPLE CONDITIONS PAGE

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Temperature upon receipt (°C): 0

Acceptable temperature range (°C): 0-6

Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date Received	Date/Time Sampled		Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
258846.01	B-103S_20230418	4/19/23	4/18/23	12:45	aqueous		Adheres to Sample Acceptance Policy
258846.02	B-103D_20230418	4/19/23	4/18/23	12:56	aqueous		Adheres to Sample Acceptance Policy
258846.03	B-304UR_20230418	4/19/23	4/18/23	11:15	aqueous		Adheres to Sample Acceptance Policy
258846.04	B-304DR_20230418	4/19/23	4/18/23	11:18	aqueous		Adheres to Sample Acceptance Policy
258846.05	DUP-1_20230418	4/19/23	4/18/23	11:18	aqueous		Adheres to Sample Acceptance Policy
258846.06	B-915U_20230418	4/19/23	4/18/23	14:58	aqueous		Adheres to Sample Acceptance Policy
258846.07	B-915M_20230418	4/19/23	4/18/23	15:05	aqueous		Adheres to Sample Acceptance Policy
258846.08	B-916U_20230418	4/19/23	4/18/23	13:38	aqueous		Adheres to Sample Acceptance Policy
258846.09	B-916M_20230418	4/19/23	4/18/23	13:40	aqueous		Adheres to Sample Acceptance Policy
258846.1	B-917U_20230418	4/19/23	4/18/23	14:15	aqueous		Adheres to Sample Acceptance Policy
258846.11	B-909_20230418	4/19/23	4/18/23	14:15	aqueous		Adheres to Sample Acceptance Policy
258846.12	B-919U_20230418	4/19/23	4/18/23	08:50	aqueous		Adheres to Sample Acceptance Policy
258846.13	B-919M_20230418	4/19/23	4/18/23	09:15	aqueous		Adheres to Sample Acceptance Policy
258846.14	B-926U_20230418	4/19/23	4/18/23	15:31	aqueous		Adheres to Sample Acceptance Policy
258846.15	B-926L_20230418	4/19/23	4/18/23	15:32	aqueous		Adheres to Sample Acceptance Policy
258846.16	B-927U_20230418	4/19/23	4/18/23	10:00	aqueous		Adheres to Sample Acceptance Policy
258846.17	B-927M_20230418	4/19/23	4/18/23	10:24	aqueous		Adheres to Sample Acceptance Policy
258846.18	B-928U_20230418	4/19/23	4/18/23	12:06	aqueous		Adheres to Sample Acceptance Policy
258846.19	B-928D_20230418	4/19/23	4/18/23	12:14	aqueous		Adheres to Sample Acceptance Policy
258846.2	TB-GW-01_20230418	4/19/23	4/18/23	16:00	aqueous		Adheres to Sample Acceptance Policy
258846.21	TB-LL-GW-01_20230418	4/19/23	4/18/23	16:00	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	**2.1**
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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**95 %R**	**95 %R**	**96 %R**	**95 %R**
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	**102 %R**	**101 %R**	**102 %R**
Toluene-d8 (surr)	**97 %R**	**97 %R**	**97 %R**	**97 %R**
1,2-Dichloroethane-d4 (surr)	**91 %R**	**91 %R**	**91 %R**	**92 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	**2.2**	< 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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**95 %R**	**94 %R**	**94 %R**	**95 %R**
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	**102 %R**	**102 %R**	**101 %R**
Toluene-d8 (surr)	**97 %R**	**96 %R**	**96 %R**	**97 %R**
1,2-Dichloroethane-d4 (surr)	**93 %R**	**93 %R**	**94 %R**	**93 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-919U_20230418
Lab Sample ID:	258846.09	258846.1	258846.11	258846.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-919U_20230418
Lab Sample ID:	258846.09	258846.1	258846.11	258846.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**95 %R**	**95 %R**	**95 %R**	**95 %R**
1,2-Dichlorobenzene-d4 (surr)	**103 %R**	**101 %R**	**102 %R**	**101 %R**
Toluene-d8 (surr)	**96 %R**	**96 %R**	**96 %R**	**96 %R**
1,2-Dichloroethane-d4 (surr)	**93 %R**	**95 %R**	**94 %R**	**94 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919M_20230418	B-926U_20230418	B-926L_20230418	B-927U_20230418
Lab Sample ID:	258846.13	258846.14	258846.15	258846.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919M_20230418	B-926U_20230418	B-926L_20230418	B-927U_20230418
Lab Sample ID:	258846.13	258846.14	258846.15	258846.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**96 %R**	**95 %R**	**96 %R**	**95 %R**
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	**101 %R**	**101 %R**	**102 %R**
Toluene-d8 (surr)	**96 %R**	**96 %R**	**96 %R**	**96 %R**
1,2-Dichloroethane-d4 (surr)	**95 %R**	**94 %R**	**95 %R**	**95 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927M_20230418	B-928U_20230418	B-928D_20230418	TB-GW-01_20230418
Lab Sample ID:	258846.17	258846.18	258846.19	258846.2
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
Analyst:	DGM	DGM	DGM	DGM
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	**13**	< 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

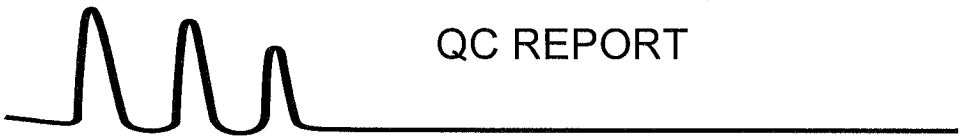
LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927M_20230418	B-928U_20230418	B-928D_20230418	TB-GW-01_20230418
Lab Sample ID:	258846.17	258846.18	258846.19	258846.2
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**95 %R**	**95 %R**	**95 %R**	**95 %R**
1,2-Dichlorobenzene-d4 (surr)	**102 %R**	**102 %R**	**101 %R**	**101 %R**
Toluene-d8 (surr)	**96 %R**	**96 %R**	**95 %R**	**98 %R**
1,2-Dichloroethane-d4 (surr)	**96 %R**	**95 %R**	**95 %R**	**90 %R**



QC REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63817690325

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	28 (138 %R)	29 (143 %R) (3 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	26 (130 %R)	27 (136 %R) (4 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	25 (125 %R)	* 26 (131 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	23 (115 %R)	25 (124 %R) (7 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	24 (118 %R)	25 (125 %R) (6 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	24 (118 %R)	25 (123 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (88 %R)	18 (90 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (85 %R)	17 (87 %R) (2 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (105 %R)	21 (107 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	90 (90 %R)	89 (89 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	20 (98 %R)	20 (99 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	18 (88 %R)	18 (91 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	19 (95 %R)	19 (95 %R) (0 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	19 (95 %R)	19 (96 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	18 (89 %R)	18 (90 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	20 (99 %R)	20 (100 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	18 (89 %R)	18 (92 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	19 (94 %R)	19 (96 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	17 (83 %R)	17 (85 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	19 (94 %R)	20 (98 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	18 (89 %R)	19 (94 %R) (5 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	20 (101 %R)	20 (102 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	19 (93 %R)	19 (96 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	19 (94 %R)	19 (97 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	17 (86 %R)	18 (90 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	17 (86 %R)	18 (90 %R) (5 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	19 (95 %R)	20 (99 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (99 %R)	21 (103 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	17 (84 %R)	17 (86 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	19 (97 %R)	20 (100 %R) (4 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	19 (95 %R)	20 (99 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (96 %R)	20 (98 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	17 (86 %R)	18 (89 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (105 %R)	< 50 (106 %R) (1 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	15 (76 %R)	16 (80 %R) (6 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	17 (85 %R)	17 (87 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	20 (99 %R)	20 (102 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	17 (84 %R)	17 (86 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	20 (101 %R)	21 (103 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	< 10 (49 %R)	10 (50 %R) (2 RPD)	4/19/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	19 (95 %R)	19 (96 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	18 (90 %R)	18 (92 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	20 (99 %R)	20 (100 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	20 (99 %R)	20 (102 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	18 (91 %R)	19 (94 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:** 63817690325

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	20 (98 %R)	20 (101 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	39 (98 %R)	40 (100 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	19 (97 %R)	20 (100 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	16 (80 %R)	17 (86 %R) (7 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	18 (88 %R)	18 (89 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	19 (93 %R)	19 (96 %R) (3 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	19 (93 %R)	19 (94 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	20 (99 %R)	20 (98 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (95 %R)	19 (94 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	19 (97 %R)	20 (98 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	20 (98 %R)	20 (100 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	19 (96 %R)	19 (97 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	19 (96 %R)	19 (97 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	19 (96 %R)	20 (98 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	20 (102 %R)	21 (103 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	21 (103 %R)	21 (105 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	20 (100 %R)	20 (101 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	20 (100 %R)	20 (101 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	19 (96 %R)	19 (97 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (100 %R)	20 (101 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	21 (104 %R)	21 (106 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	20 (99 %R)	20 (98 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	24 (122 %R)	25 (123 %R) (0 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	19 (96 %R)	20 (98 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	26 (129 %R)	25 (127 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	23 (116 %R)	23 (115 %R) (1 RPD)	4/19/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	96 %R	99 %R	99 %R	4/19/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	101 %R	99 %R	98 %R	4/19/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	98 %R	100 %R	99 %R	4/19/2023	% Rec	70 - 130	20	8260C
1,2-Dichloroethane-d4 (surr)	90 %R	87 %R	86 %R	4/19/2023	% Rec	70 - 130	20	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/20/23	4/20/23
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	**0.50**
4-Bromofluorobenzene (surr)	**91 %R**	**90 %R**	**95 %R**	**93 %R**
Toluene-d8 (surr)	**101 %R**	**100 %R**	**103 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/19/23	4/19/23	4/19/23
Analyst:	MKB	MKB	MKB	MKB
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	**0.50**	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**93 %R**	**89 %R**	**93 %R**	**90 %R**
Toluene-d8 (surr)	**101 %R**	**100 %R**	**102 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-919U_20230418
Lab Sample ID:	258846.09	258846.1	258846.11	258846.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**93 %R**	**92 %R**	**92 %R**	**94 %R**
Toluene-d8 (surr)	**103 %R**	**102 %R**	**102 %R**	**102 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919M_20230418	B-926U_20230418	B-926L_20230418	B-927U_20230418
Lab Sample ID:	258846.13	258846.14	258846.15	258846.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/19/23	4/19/23	4/19/23
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)	**92 %R**	**90 %R**	**91 %R**	**94 %R**
Toluene-d8 (surr)	**101 %R**	**101 %R**	**100 %R**	**102 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927M_20230418	B-928U_20230418	B-928D_20230418	TB-LL-GW -01_20230418
Lab Sample ID:	258846.17	258846.18	258846.19	258846.21
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/19/23	4/20/23	4/20/23	4/20/23
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	**0.26**	< 0.25
4-Bromofluorobenzene (surr)	**92 %R**	**95 %R**	**93 %R**	**89 %R**
Toluene-d8 (surr)	**102 %R**	**103 %R**	**102 %R**	**100 %R**

QC REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-00060/A041923DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.5 (89 %R)	4.5 (91 %R) (2 RPD)	4/19/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	93 %R	93 %R	92 %R	4/19/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	102 %R	102 %R	102 %R	4/19/2023	% Rec	70 - 130	50	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-19387/A041923DIOX2

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.6 (93 %R)	4.6 (92 %R) (0 RPD)	4/19/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	93 %R	93 %R	91 %R	4/19/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	102 %R	102 %R	101 %R	4/19/2023	% Rec	70 - 130	50	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-89266/A042023DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.5 (90 %R)	4.5 (89 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	93 %R	94 %R	93 %R	4/20/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	102 %R	103 %R	102 %R	4/20/2023	% Rec	70 - 130	50	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**119 %R**	**114 %R**	**110 %R**	**114 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**113 %R**	**111 %R**	**112 %R**	**112 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-919U_20230418
Lab Sample ID:	258846.09	258846.1	258846.11	258846.12
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**111 %R**	**116 %R**	**116 %R**	**116 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-919M_20230418	B-926U_20230418	B-926L_20230418	B-927U_20230418
Lab Sample ID:	258846.13	258846.14	258846.15	258846.16
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**110 %R**	**114 %R**	**111 %R**	**113 %R**

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927M_20230418	B-928U_20230418	B-928D_20230418
Lab Sample ID:	258846.17	258846.18	258846.19
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23	4/19/23
Units:	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR
Method:	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**113 %R**	**114 %R**	**109 %R**

QC REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638176-62299/A042123E5041

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,2-Dibromoethane(EDB)	< 0.02	0.11 (113 %R)	0.11 (114 %R) (0 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.11 (105 %R)	0.11 (106 %R) (0 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	115 %R	109 %R	114 %R	4/21/2023	% Rec	65 - 135	20	8011/504

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418					
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23		Analysis			
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Units**	**Date**	**Time**	**Method**	**Analyst**
Bromide	< 0.1	< 0.1	< 0.1	**0.14**	mg/L	04/20/23	12:44	300.0	ALM
Chloride	**4.3**	**2**	**16**	**36**	mg/L	04/19/23	14:59	4500CIE-11	ALM
Nitrate-N	< 0.5	< 0.5	< 0.5	**1.6**	mg/L	04/19/23	14:59	353.2	ALM
TKN	< 0.5	**0.56**	< 0.5	< 0.5	mg/L	04/24/23	14:02	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	04/19/23	16:20	H8000	JCS

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418					
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23		Analysis			
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Units**	**Date**	**Time**	**Method**	**Analyst**
Bromide	**0.14**	< 0.1	< 0.1	< 0.1	mg/L	04/20/23	14:54	300.0	ALM
Chloride	**37**	**3.6**	**65**	**2.3**	mg/L	04/19/23	15:04	4500CIE-11	ALM
Nitrate-N	**1.6**	< 0.5	< 0.5	< 0.5	mg/L	04/19/23	15:04	353.2	ALM
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	04/24/23	14:13	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	04/19/23	16:20	H8000	JCS

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-919U_20230418		Analysis			
Lab Sample ID:	258846.09	258846.1	258846.11	258846.12					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	Units	Date	Time	Method	Analyst
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	04/20/23	15:52	300.0	ALM
Chloride	**55**	< 1	< 1	**4**	mg/L	04/19/23	15:23	4500CIE-11	ALM
Nitrate-N	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	04/19/23	15:23	353.2	ALM
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	04/24/23	14:37	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	04/19/23	16:20	H8000	JCS

Sample ID:	B-919M_20230418	B-926U_20230418	B-926L_20230418	B-927U_20230418		Analysis			
Lab Sample ID:	258846.13	258846.14	258846.15	258846.16					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	Units	Date	Time	Method	Analyst
Bromide	< 0.1	**0.20**	< 0.1	< 0.1	mg/L	04/20/23	16:50	300.0	ALM
Chloride	**2.8**	**8.5**	**42**	**54**	mg/L	04/19/23	15:29	4500CIE-11	ALM
Nitrate-N	< 0.5	< 0.5	< 0.5	**0.54**	mg/L	04/19/23	15:29	353.2	ALM
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	04/24/23	14:48	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	< 10	< 10	mg/L	04/19/23	16:20	H8000	JCS

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**
Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-927M_20230418
Lab Sample ID:	258846.17
Matrix:	aqueous
Date Sampled:	4/18/23
Date Received:	4/19/23

		Analysis			
	Units	Date	Time	Method	Analyst
Bromide	< 0.1	mg/L	04/20/23	19:00	300.0	ALM
Chloride	**3.6**	mg/L	04/19/23	15:34	4500CIE-11	ALM
Nitrate-N	< 0.5	mg/L	04/19/23	15:34	353.2	ALM
TKN	**0.68**	mg/L	04/24/23	14:59	$4500N_{org}C/NH3D$	GRS
COD	**48**	mg/L	04/21/23	8:35	H8000	JCS

Sample ID:	B-928U_20230418	B-928D_20230418
Lab Sample ID:	258846.18	258846.19
Matrix:	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23

			Analysis			
		Units	Date	Time	Method	Analyst
Bromide	< 0.1	< 0.1	mg/L	04/20/23	19:14	300.0	ALM
Chloride	**9.2**	**20**	mg/L	04/19/23	15:36	4500CIE-11	ALM
Nitrate-N	**0.61**	**0.94**	mg/L	04/19/23	15:36	353.2	ALM
TKN	< 0.5	< 0.5	mg/L	04/24/23	15:01	$4500N_{org}C/NH3D$	GRS
COD	< 10	< 10	mg/L	04/19/23	16:20	H8000	JCS

QC REPORT

EAI ID#: **258846**

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	2.1 (103 %R)	2.1 (103 %R) (0 RPD)	mg/L	4/20/23	90 - 110	20	300.0
Chloride	< 1	27 (107 %R)	26 (104 %R) (3 RPD)	mg/L	4/19/23	90 - 110	20	4500ClE-11
Nitrate-N	< 0.5	5.2 (105 %R)	5.0 (101 %R) (4 RPD)	mg/L	4/19/23	90 - 110	20	353.2
TKN	< 0.5	9.9 (99 %R)	10 (100 %R) (1 RPD)	mg/L	4/24/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	100 (104 %R)	100 (103 %R) (0 RPD)	mg/L	4/19/23	85 - 115	20	H8000
COD	< 10	110 (109 %R)	110 (106 %R) (2 RPD)	mg/L	4/21/23	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#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-103S_20230418	B-103D_20230418	B-304UR_20230418	B-304DR_20230418					
Lab Sample ID:	258846.01	258846.02	258846.03	258846.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	**8.3**	**4.2**	< 0.05	< 0.05	AqDis	mg/L	4/20/23	200.8	DS
Manganese	**2.0**	**1.1**	< 0.005	**2.2**	AqDis	mg/L	4/20/23	200.8	DS

Sample ID:	DUP-1_20230418	B-915U_20230418	B-915M_20230418	B-916U_20230418					
Lab Sample ID:	258846.05	258846.06	258846.07	258846.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	4/20/23	200.8	DS
Manganese	**2.3**	< 0.005	< 0.005	**0.0064**	AqDis	mg/L	4/20/23	200.8	DS

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-916M_20230418	B-917U_20230418	B-909_20230418	B-926U_20230418					
Lab Sample ID:	258846.09	258846.1	258846.11	258846.14					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	4/20/23	200.8	DS
Manganese	< 0.005	< 0.005	< 0.005	**3.1**	AqDis	mg/L	4/20/23	200.8	DS

Sample ID:	B-926L_20230418	B-927U_20230418	B-927M_20230418	B-928U_20230418					
Lab Sample ID:	258846.15	258846.16	258846.17	258846.18					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/18/23	4/18/23	4/18/23	4/18/23					
Date Received:	4/19/23	4/19/23	4/19/23	4/19/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	**3.3**	< 0.05	AqDis	mg/L	4/20/23	200.8	DS
Manganese	< 0.005	< 0.005	**0.26**	< 0.005	AqDis	mg/L	4/20/23	200.8	DS

LABORATORY REPORT

EAI ID#: **258846**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-928D_20230418
Lab Sample ID:	258846.19
Matrix:	aqueous
Date Sampled:	4/18/23
Date Received:	4/19/23

		Analytical Matrix	Units	Date of Analysis	Method	Analyst
Iron	< 0.05	AqDis	mg/L	4/20/23	200.8	DS
Manganese	< 0.005	AqDis	mg/L	4/20/23	200.8	DS

Sample ID:	B-919U_20230418	B-919M_20230418
Lab Sample ID:	258846.12	258846.13
Matrix:	aqueous	aqueous
Date Sampled:	4/18/23	4/18/23
Date Received:	4/19/23	4/19/23

			Analytical Matrix	Units	Date of Analysis	Method	Analyst
Arsenic	**0.00056**	**0.053**	AqDis	mg/L	4/20/23	200.8	DS
Iron	< 0.05	**8.6**	AqDis	mg/L	4/20/23	200.8	DS
Manganese	< 0.005	**3.5**	AqDis	mg/L	4/20/23	200.8	DS

QC REPORT

EAI ID#: **258846**

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	0.21 (104 %R)		NA	mg/L	4/20/23	85 - 115	20	200.8
Iron	< 0.05	10 (103 %R)		NA	mg/L	4/20/23	85 - 115	20	200.8
Manganese	< 0.005	0.20 (99 %R)		NA	mg/L	4/20/23	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 3

For Lab Use (258846

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	Low Level EDB/DBCP	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
B-103S_20230418	4/18/23 1245	GW	G	X	X	X	X	X	X			9	
B-103D_20230418	1256			X	X	X	X	X	X				
B-304UR_20230418	1115			X	X	X	X	X	X				
B-304DR_20230418	1118			X	X	X	X	X	X				
DUP-1_20230418	1118			X	X	X	X	X	X				
B-915U_20230418	1458			X	X	X	X	X	X				
B-915M_20230418	1505			X	X	X	X	X	X				
B-916U_20230418	1338			X	X	X	X	X	X				
B-916M_20230418	1340			X	X	X	X	X	X				
B-917U_20230418	1415			X	X	X	X	X	X				
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	NSO	S	Ice	N	N	Ice		

Analyses Requested

Project Manager: M. Estabrooks / T. White

Company: Sanborn, Head & Associates, Inc.

Address: 20 Foundry Street

City: Concord State: NH Zip: 03301

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

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 °C

Ice? Yes No

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, MTS, ZFS

Relinquished By:	Date:	Time:	Received By:
	4/18/23	1745	
Foggy	4/19/23	0845	
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

Page 2 of 3

Chain-of-Custody Record

For Lab Use Only

258846

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	Low Level EDB/DBCP	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
B-909_20230418	4/18/23 1415	GW	G	X	X	X	X	X	X			9	
B-919U_20230418	0950			X	X	X	X	X		X			
B-919M_20230418	0915			X	X	X	X	X		X			
B-926U_20230418	1531			X	X	X	X	X	X				
B-926D_20230418	1532			X	X	X	X	X	X				
B-927U_20230418	1000			X	X	X	X	X	X				
B-927M_20230418	1024			X	X	X	X	X	X				
B-928U_20230418	1206			X	X	X	X	X	X				
B-928D_20230418	1214	↓	↓	X	X	X	X	X	* per customer 4/26/23			↓	
TB-GW-01_20230418	↓ 1600	NQ	↓	X								2	
Preservative				H	Ice	NSO	S	Ice	N	N	Ice		

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

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	20 Foundry Street
City:	Concord State: NH Zip: 03301
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. 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.

Sampler(s): MTS, PJP, ZFS

Relinquished By:	Date:	Time:	Received By:
	4/18/23	1745	
foyer	4/19/23	0845	
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

Page 3 of 3

Chain-of-Custody Record

For Lab Use Only: 258846

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	Low Level EDB/DBCP	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
TB-LL-GW-01_20230418	4/18/23 1600	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	NSO	S	Ice	N	N	Ice		

Project Manager: M. Estabrooks / T. White
Company: Sanborn, Head & Associates, Inc.
Address: 20 Foundry Street
City: Concord State: NH Zip: 03301
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. 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.

Sampler(s): MTS, PJP, ZFS

Relinquished By:	Date:	Time:	Received By:
	4/18/23	1745	
PJP	4/19/23	0845	
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: 258932
Client Identification: NCES | Groundwater | 2637.10
Date Received: 4/20/2023

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 — Date 5.1.23

SAMPLE CONDITIONS PAGE

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Temperature upon receipt (°C): 1.1

Acceptable temperature range (°C): 0-6

Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
258932.01	MW-603_20230419	4/20/23	4/19/23 13:10	aqueous		Adheres to Sample Acceptance Policy
258932.02	MW-701_20230419	4/20/23	4/19/23 08:51	aqueous		Adheres to Sample Acceptance Policy
258932.03	MW-801_20230419	4/20/23	4/19/23 13:11	aqueous		Adheres to Sample Acceptance Policy
258932.04	MW-802_20230419	4/20/23	4/19/23 11:33	aqueous		Adheres to Sample Acceptance Policy
258932.05	MW-803_20230419	4/20/23	4/19/23 10:45	aqueous		Adheres to Sample Acceptance Policy
258932.06	DUP-2_20230419	4/20/23	4/19/23 10:45	aqueous		Adheres to Sample Acceptance Policy
258932.07	B-914U_20230419	4/20/23	4/19/23 12:21	aqueous		Adheres to Sample Acceptance Policy
258932.08	B-918U_20230419	4/20/23	4/19/23 09:37	aqueous		Adheres to Sample Acceptance Policy
258932.09	B-918M_20230419	4/20/23	4/19/23 09:40	aqueous		Adheres to Sample Acceptance Policy
258932.1	B-924U_20230419	4/20/23	4/19/23 14:00	aqueous		Adheres to Sample Acceptance Policy
258932.11	TB-GW-02_20230419	4/20/23	4/19/23 14:30	aqueous		Adheres to Sample Acceptance Policy
258932.12	TB-LL-GW-02_20230419	4/20/23	4/19/23 14:30	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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-701_20230419	MW-801_20230419	MW-802_20230419
Lab Sample ID:	258932.01	258932.02	258932.03	258932.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/20/23	4/20/23
Analyst:	JAK	JAK	JAK	JAK
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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-701_20230419	MW-801_20230419	MW-802_20230419
Lab Sample ID:	258932.01	258932.02	258932.03	258932.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/20/23	4/20/23
Analyst:	JAK	JAK	JAK	JAK
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)	**90 %R**	**90 %R**	**88 %R**	**88 %R**
1,2-Dichlorobenzene-d4 (surr)	**108 %R**	**109 %R**	**111 %R**	**109 %R**
Toluene-d8 (surr)	**94 %R**	**94 %R**	**94 %R**	**94 %R**
1,2-Dichloroethane-d4 (surr)	**109 %R**	**110 %R**	**110 %R**	**110 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-803_20230419	DUP-2_20230419	B-918U_20230419	B-918M_20230419
Lab Sample ID:	258932.05	258932.06	258932.08	258932.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/20/23	4/20/23
Analyst:	JAK	JAK	JAK	JAK
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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-803_20230419	DUP-2_20230419	B-918U_20230419	B-918M_20230419
Lab Sample ID:	258932.05	258932.06	258932.08	258932.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/20/23	4/20/23
Analyst:	JAK	JAK	JAK	JAK
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)	**88 %R**	**89 %R**	**88 %R**	**88 %R**
1,2-Dichlorobenzene-d4 (surr)	**110 %R**	**110 %R**	**111 %R**	**110 %R**
Toluene-d8 (surr)	**94 %R**	**94 %R**	**94 %R**	**94 %R**
1,2-Dichloroethane-d4 (surr)	**110 %R**	**111 %R**	**111 %R**	**111 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-924U_20230419	TB-GW-02_20230419
Lab Sample ID:	258932.1	258932.11
Matrix:	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23
Units:	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23
Analyst:	JAK	JAK
Method:	8260C	8260C
Dilution Factor:	1	1
Dichlorodifluoromethane	< 2	< 2
Chloromethane	< 2	< 2
Vinyl chloride	< 1	< 1
Bromomethane	< 2	< 2
Chloroethane	< 2	< 2
Trichlorofluoromethane	< 2	< 2
Diethyl Ether	< 2	< 2
Acetone	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30
Methylene chloride	< 1	< 1
Carbon disulfide	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1
1,1-Dichloroethane	< 1	< 1
2,2-Dichloropropane	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1
2-Butanone(MEK)	< 10	< 10
Bromochloromethane	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10
Chloroform	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1
Carbon tetrachloride	< 1	< 1
1,1-Dichloropropene	< 1	< 1
Benzene	< 1	< 1
1,2-Dichloroethane	< 1	< 1
Trichloroethene	< 1	< 1
1,2-Dichloropropane	< 1	< 1
Dibromomethane	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5
Toluene	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1
2-Hexanone	< 10	< 10
Tetrachloroethene	< 1	< 1
1,3-Dichloropropane	< 1	< 1
Dibromochloromethane	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5
Chlorobenzene	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-924U_20230419	TB-GW-02_20230419
Lab Sample ID:	258932.1	258932.11
Matrix:	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23
Units:	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23
Analyst:	JAK	JAK
Method:	8260C	8260C
Dilution Factor:	1	1
Ethylbenzene	< 1	< 1
mp-Xylene	< 1	< 1
o-Xylene	< 1	< 1
Styrene	< 1	< 1
Bromoform	< 2	< 2
IsoPropylbenzene	< 1	< 1
Bromobenzene	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1
2-Chlorotoluene	< 1	< 1
4-Chlorotoluene	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1
tert-Butylbenzene	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1
sec-Butylbenzene	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1
p-Isopropyltoluene	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1
n-Butylbenzene	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5
Naphthalene	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	**88 %R**	**90 %R**
1,2-Dichlorobenzene-d4 (surr)	**110 %R**	**107 %R**
Toluene-d8 (surr)	**93 %R**	**94 %R**
1,2-Dichloroethane-d4 (surr)	**111 %R**	**109 %R**

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-95573/A042023V82601

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	22 (109 %R)	19 (97 %R) (11 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	20 (100 %R)	20 (102 %R) (3 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	25 (126 %R)	24 (118 %R) (7 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	26 (129 %R)	21 (103 %R) (22 RPD) !	4/20/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	23 (115 %R)	20 (101 %R) (12 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	23 (114 %R)	21 (106 %R) (8 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (89 %R)	17 (87 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	19 (97 %R)	22 (108 %R) (10 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	22 (111 %R)	21 (105 %R) (6 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	95 (95 %R)	110 (107 %R) (11 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	22 (108 %R)	20 (102 %R) (6 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	22 (111 %R)	22 (108 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	21 (106 %R)	21 (106 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	21 (107 %R)	21 (106 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	22 (110 %R)	22 (108 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	22 (108 %R)	22 (108 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	21 (104 %R)	20 (99 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	22 (111 %R)	21 (105 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	25 (124 %R)	23 (114 %R) (8 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	22 (110 %R)	21 (106 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	20 (100 %R)	22 (108 %R) (8 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	20 (99 %R)	21 (104 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	19 (96 %R)	20 (102 %R) (7 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	21 (103 %R)	20 (99 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	21 (107 %R)	20 (101 %R) (6 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	22 (109 %R)	21 (103 %R) (6 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	22 (112 %R)	21 (106 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	22 (108 %R)	21 (104 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	21 (105 %R)	21 (104 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	21 (106 %R)	20 (102 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	22 (109 %R)	21 (106 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	21 (105 %R)	21 (103 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	21 (107 %R)	21 (104 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (102 %R)	< 50 (118 %R) (14 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	18 (90 %R)	18 (92 %R) (2 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	22 (112 %R)	22 (109 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (107 %R)	20 (102 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	23 (115 %R)	23 (115 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	20 (102 %R)	20 (102 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	20 (101 %R)	22 (110 %R) (8 RPD)	4/20/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (105 %R)	20 (100 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (101 %R)	20 (101 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	21 (103 %R)	21 (103 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (106 %R)	22 (109 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	21 (103 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	20 (102 %R)	20 (101 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-95573/A042023V82601

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	23 (114 %R)	22 (110 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	38 (96 %R)	37 (92 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	22 (112 %R)	22 (109 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	18 (89 %R)	17 (83 %R) (7 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	21 (103 %R)	21 (107 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	21 (106 %R)	21 (106 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (104 %R)	20 (99 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	20 (99 %R)	20 (98 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (96 %R)	19 (95 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	22 (112 %R)	21 (105 %R) (6 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (112 %R)	21 (107 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	23 (113 %R)	21 (105 %R) (8 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (108 %R)	21 (103 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	21 (104 %R)	20 (100 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	23 (114 %R)	22 (110 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	24 (118 %R)	23 (114 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (106 %R)	20 (102 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	23 (113 %R)	22 (110 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (100 %R)	19 (97 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	20 (101 %R)	20 (98 %R) (3 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	22 (112 %R)	22 (108 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	19 (97 %R)	20 (99 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	20 (102 %R)	20 (100 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	18 (89 %R)	17 (85 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	19 (96 %R)	19 (95 %R) (1 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	18 (88 %R)	17 (84 %R) (4 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	22 (109 %R)	21 (103 %R) (5 RPD)	4/20/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	90 %R	101 %R	105 %R	4/20/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	110 %R	96 %R	97 %R	4/20/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	94 %R	101 %R	99 %R	4/20/2023	% Rec	70 - 130	20	8260C
1,2-Dichloroethane-d4 (surr)	108 %R	101 %R	102 %R	4/20/2023	% Rec	70 - 130	20	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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-701_20230419	MW-801_20230419	MW-802_20230419
Lab Sample ID:	258932.01	258932.02	258932.03	258932.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/20/23	4/20/23
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)	**94 %R**	**93 %R**	**93 %R**	**92 %R**
Toluene-d8 (surr)	**102 %R**	**101 %R**	**101 %R**	**100 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-803_20230419	DUP-2_20230419	B-918U_20230419	B-918M_20230419
Lab Sample ID:	258932.05	258932.06	258932.08	258932.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	4/20/23	4/20/23	4/21/23	4/21/23
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)	**93 %R**	**95 %R**	**95 %R**	**92 %R**
Toluene-d8 (surr)	**101 %R**	**101 %R**	**103 %R**	**101 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-924U_20230419	TB-LL-GW-02_20230419
Lab Sample ID:	258932.1	258932.12
Matrix:	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23
Units:	ug/L	ug/L
Date of Analysis:	4/21/23	4/21/23
Analyst:	MKB	MKB
Method:	8260B SIM	8260B SIM
Dilution Factor:	1	1
1,4-Dioxane	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	**94 %R**	**94 %R**
Toluene-d8 (surr)	**102 %R**	**102 %R**

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638175-89266/A042023DIOX1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.5 (90 %R)	4.5 (89 %R) (0 RPD)	4/20/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	93 %R	94 %R	93 %R	4/20/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	102 %R	103 %R	102 %R	4/20/2023	% Rec	70 - 130	50	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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638176-07231/A042023DIOX2

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.1 (83 %R)	4.2 (85 %R) (2 RPD)	4/20/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	97 %R	93 %R	94 %R	4/20/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	104 %R	102 %R	103 %R	4/20/2023	% Rec	70 - 130	50	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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-914U_20230419
Lab Sample ID:	258932.07
Matrix:	aqueous
Date Sampled:	4/19/23
Date Received:	4/20/23
Units:	ug/L
Date of Extraction/Prep:	4/24/23
Date of Analysis:	4/26/23
Analyst:	JMR
Method:	8270E
Dilution Factor:	1
alpha-Terpineol	< 5
Phenol	< 1
2-Chlorophenol	< 1
2,4-Dichlorophenol	< 1
2,4,5-Trichlorophenol	< 1
2,4,6-Trichlorophenol	< 1
Pentachlorophenol	< 5
2-Nitrophenol	< 5
4-Nitrophenol	< 5
2,4-Dinitrophenol	< 10
2-Methylphenol	< 1
3/4-Methylphenol	< 1
2,4-Dimethylphenol	< 5
4-Chloro-3-methylphenol	< 1
4,6-Dinitro-2-methylphenol	< 5
Benzoic Acid	< 50
N-Nitrosodimethylamine	< 1
n-Nitroso-di-n-propylamine	< 0.5
n-Nitrosodiphenylamine	< 1
bis(2-Chloroethyl)ether	< 1
bis(2-chloroisopropyl)ether	< 1
bis(2-Chloroethoxy)methane	< 1
1,3-Dichlorobenzene	< 1
Acetophenone	< 10
1,4-Dichlorobenzene	< 1
1,2-Dichlorobenzene	< 1
1,2,4-Trichlorobenzene	< 1
2-Chloronaphthalene	< 1
4-Chlorophenyl-phenylether	< 1
4-Bromophenyl-phenylether	< 1
Hexachloroethane	< 1
Hexachlorobutadiene	< 1
Hexachlorocyclopentadiene	< 5
Hexachlorobenzene	< 1
4-Chloroaniline	< 1
2,3-Dichloroaniline	< 1
2-Nitroaniline	< 5
3-Nitroaniline	< 5
4-Nitroaniline	< 5
Aniline	< 1
Benzyl alcohol	< 10
Nitrobenzene	< 1
Isophorone	< 1
2,4-Dinitrotoluene	< 2
2,6-Dinitrotoluene	< 2
Benzidine (estimated)	< 5
3,3'-Dichlorobenzidine	< 1

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-914U_20230419
Lab Sample ID:	258932.07
Matrix:	aqueous
Date Sampled:	4/19/23
Date Received:	4/20/23
Units:	ug/L
Date of Extraction/Prep:	4/24/23
Date of Analysis:	4/26/23
Analyst:	JMR
Method:	8270E
Dilution Factor:	1
Pyridine	< 5
Azobenzene	< 1
Carbazole	< 1
Dimethylphthalate	< 1
Diethylphthalate	< 5
Di-n-butylphthalate	< 5
Butylbenzylphthalate	< 5
bis(2-Ethylhexyl)phthalate	< 5
Di-n-octylphthalate	< 5
Dibenzofuran	< 1
Naphthalene	< 0.1
2-Methylnaphthalene	< 0.1
1-Methylnaphthalene	< 0.1
Acenaphthylene	< 0.1
Acenaphthene	< 0.1
Fluorene	< 0.1
Phenanthrene	< 0.1
Anthracene	< 0.1
Fluoranthene	< 0.1
Pyrene	< 0.1
Benzo[a]anthracene	< 0.1
Chrysene	< 0.1
Benzo[b]fluoranthene	< 0.1
Benzo[k]fluoranthene	< 0.1
Benzo[a]pyrene	< 0.1
Indeno[1,2,3-cd]pyrene	< 0.1
Dibenz[a,h]anthracene	< 0.1
Benzo[g,h,i]perylene	< 0.1
n-Decane	< 5
n-Octadecane	< 5
2-Fluorophenol (surr)	**40 %R**
Phenol-d6 (surr)	**28 %R**
2,4,6-Tribromophenol (surr)	**88 %R**
Nitrobenzene-D5 (surr)	**76 %R**
2-Fluorobiphenyl (surr)	**82 %R**
p-Terphenyl-D14 (surr)	**87 %R**

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638179-17775/A042423ABN1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
alpha-Terpineol	< 5	19 (76 %R)	21 (85 %R) (12 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Phenol	< 1	15 (29 %R)	16 (31 %R) (7 RPD)	4/26/2023	ug/L	15 - 130	20	8270E
2-Chlorophenol	< 1	33 (67 %R)	35 (69 %R) (4 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
2,4-Dichlorophenol	< 1	38 (75 %R)	41 (82 %R) (8 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
2,4,5-Trichlorophenol	< 1	40 (80 %R)	45 (89 %R) (11 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
2,4,6-Trichlorophenol	< 1	40 (80 %R)	45 (90 %R) (11 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
Pentachlorophenol	< 5	42 (84 %R)	48 (96 %R) (13 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
2-Nitrophenol	< 5	41 (82 %R)	45 (89 %R) (9 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
4-Nitrophenol	< 5	16 (32 %R)	18 (37 %R) (14 RPD)	4/26/2023	ug/L	15 - 130	20	8270E
2,4-Dinitrophenol	< 10	38 (77 %R)	49 (98 %R) (24 RPD) !	4/26/2023	ug/L	15 - 130	20	8270E
2-Methylphenol	< 1	30 (60 %R)	33 (66 %R) (8 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
3/4-Methylphenol	< 1	30 (60 %R)	33 (66 %R) (10 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
2,4-Dimethylphenol	< 5	30 (59 %R)	34 (67 %R) (13 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
4-Chloro-3-methylphenol	< 1	38 (76 %R)	43 (87 %R) (13 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
4,6-Dinitro-2-methylphenol	< 5	49 (99 %R)	58 (115 %R) (15 RPD)	4/26/2023	ug/L	30 - 130	20	8270E
Benzoic Acid	< 50	< 50 (26 %R)	< 50 (28 %R) (8 RPD)	4/26/2023	ug/L	15 - 130	20	8270E
N-Nitrosodimethylamine	< 1	12 (49 %R)	13 (53 %R) (7 RPD)	4/26/2023	ug/L	15 - 140	20	8270E
n-Nitroso-di-n-propylamine	< 0.5	18 (73 %R)	20 (82 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
n-Nitrosodiphenylamine	< 1	20 (80 %R)	22 (88 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
bis(2-Chloroethyl)ether	< 1	17 (69 %R)	18 (72 %R) (5 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
bis(2-chloroisopropyl)ether	< 1	16 (63 %R)	16 (66 %R) (4 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
bis(2-Chloroethoxy)methane	< 1	19 (75 %R)	21 (84 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
1,3-Dichlorobenzene	< 1	16 (65 %R)	17 (68 %R) (5 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Acetophenone	< 10	19 (75 %R)	20 (80 %R) (8 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
1,4-Dichlorobenzene	< 1	16 (65 %R)	17 (67 %R) (4 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
1,2-Dichlorobenzene	< 1	18 (73 %R)	19 (75 %R) (4 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
1,2,4-Trichlorobenzene	< 1	18 (70 %R)	18 (74 %R) (4 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2-Chloronaphthalene	< 1	19 (77 %R)	21 (83 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
4-Chlorophenyl-phenylether	< 1	19 (78 %R)	21 (86 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
4-Bromophenyl-phenylether	< 1	20 (81 %R)	23 (90 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Hexachloroethane	< 1	16 (64 %R)	16 (66 %R) (4 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Hexachlorobutadiene	< 1	17 (70 %R)	18 (73 %R) (5 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Hexachlorocyclopentadiene	< 5	15 (60 %R)	16 (62 %R) (4 RPD)	4/26/2023	ug/L	15 - 140	20	8270E
Hexachlorobenzene	< 1	20 (81 %R)	23 (91 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
4-Chloroaniline	< 1	20 (80 %R)	22 (89 %R) (11 RPD)	4/26/2023	ug/L	15 - 140	20	8270E
2,3-Dichloroaniline	< 1	20 (80 %R)	22 (89 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2-Nitroaniline	< 5	20 (78 %R)	22 (89 %R) (12 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
3-Nitroaniline	< 5	21 (83 %R)	24 (95 %R) (13 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
4-Nitroaniline	< 5	21 (83 %R)	24 (95 %R) (14 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Aniline	< 1	17 (68 %R)	19 (75 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzyl alcohol	< 10	18 (72 %R)	20 (79 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Nitrobenzene	< 1	18 (71 %R)	19 (76 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Isophorone	< 1	19 (76 %R)	21 (86 %R) (13 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2,4-Dinitrotoluene	< 2	21 (85 %R)	24 (95 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2,6-Dinitrotoluene	< 2	21 (85 %R)	24 (96 %R) (12 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzidine (estimated)	< 5	14 (57 %R)	15 (58 %R) (2 RPD)	4/26/2023	ug/L	1 - 200	50	8270E

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638179-17775/A042423ABN1

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
3,3'-Dichlorobenzidine	< 1	21 (84 %R)	21 (85 %R) (1 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Pyridine	< 5	11 (44 %R)	12 (47 %R) (7 RPD)	4/26/2023	ug/L	15 - 140	20	8270E
Azobenzene	< 1	19 (76 %R)	21 (84 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Carbazole	< 1	21 (83 %R)	23 (92 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Dimethylphthalate	< 1	20 (81 %R)	23 (93 %R) (13 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Diethylphthalate	< 5	21 (84 %R)	23 (93 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Di-n-butylphthalate	< 5	22 (88 %R)	24 (96 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Butylbenzylphthalate	< 5	23 (91 %R)	25 (100 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
bis(2-Ethylhexyl)phthalate	< 5	21 (85 %R)	23 (93 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Di-n-octylphthalate	< 5	22 (87 %R)	24 (94 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Dibenzofuran	< 1	19 (78 %R)	21 (85 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Naphthalene	< 0.1	18 (72 %R)	19 (75 %R) (5 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2-Methylnaphthalene	< 0.1	19 (76 %R)	20 (82 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
1-Methylnaphthalene	< 0.1	19 (74 %R)	20 (80 %R) (8 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Acenaphthylene	< 0.1	18 (71 %R)	19 (77 %R) (8 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Acenaphthene	< 0.1	19 (77 %R)	21 (85 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Fluorene	< 0.1	19 (77 %R)	21 (84 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Phenanthrene	< 0.1	19 (76 %R)	21 (83 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Anthracene	< 0.1	19 (77 %R)	21 (83 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Fluoranthene	< 0.1	19 (76 %R)	21 (84 %R) (9 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Pyrene	< 0.1	19 (76 %R)	20 (81 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzo[a]anthracene	< 0.1	19 (75 %R)	20 (81 %R) (8 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Chrysene	< 0.1	20 (79 %R)	21 (85 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzo[b]fluoranthene	< 0.1	20 (79 %R)	22 (88 %R) (11 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzo[k]fluoranthene	< 0.1	21 (84 %R)	23 (90 %R) (7 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzo[a]pyrene	< 0.1	20 (78 %R)	21 (85 %R) (8 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Indeno[1,2,3-cd]pyrene	< 0.1	21 (83 %R)	23 (92 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Dibenz[a,h]anthracene	< 0.1	20 (82 %R)	22 (90 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
Benzo[g,h,i]perylene	< 0.1	20 (81 %R)	22 (90 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
n-Decane	< 5	15 (61 %R)	16 (62 %R) (2 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
n-Octadecane	< 5	20 (82 %R)	22 (90 %R) (10 RPD)	4/26/2023	ug/L	40 - 140	20	8270E
2-Fluorophenol (surr)	44 %R	41 %R	40 %R	4/26/2023	% Rec	15 - 110		8270E
Phenol-d6 (surr)	31 %R	29 %R	29 %R	4/26/2023	% Rec	15 - 110		8270E
2,4,6-Tribromophenol (surr)	86 %R	87 %R	91 %R	4/26/2023	% Rec	15 - 110		8270E
Nitrobenzene-D5 (surr)	80 %R	74 %R	73 %R	4/26/2023	% Rec	30 - 130		8270E
2-Fluorobiphenyl (surr)	83 %R	78 %R	80 %R	4/26/2023	% Rec	30 - 130		8270E
p-Terphenyl-D14 (surr)	88 %R	84 %R	85 %R	4/26/2023	% Rec	30 - 130		8270E

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-701_20230419	MW-801_20230419	MW-802_20230419
Lab Sample ID:	258932.01	258932.02	258932.03	258932.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/21/23	4/21/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**109 %R**	**106 %R**	**112 %R**	**115 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-803_20230419	DUP-2_20230419	B-918U_20230419	B-918M_20230419
Lab Sample ID:	258932.05	258932.06	258932.08	258932.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	4/21/23	4/21/23	4/21/23	4/21/23
Date of Analysis:	4/21/23	4/21/23	4/22/23	4/22/23
Analyst:	AR	AR	AR	AR
Method:	8011/504	8011/504	8011/504	8011/504
Dilution Factor:	1	1	1	1
1,2-Dibromoethane(EDB)	< 0.02	< 0.02	< 0.02	< 0.02
Dibromochloropropane (DBCP)	< 0.02	< 0.02	< 0.02	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**108 %R**	**107 %R**	**115 %R**	**112 %R**

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	B-924U_20230419
Lab Sample ID:	258932.1
Matrix:	aqueous
Date Sampled:	4/19/23
Date Received:	4/20/23
Units:	ug/L
Date of Extraction/Prep:	4/21/23
Date of Analysis:	4/22/23
Analyst:	AR
Method:	8011/504
Dilution Factor:	1
1,2-Dibromoethane(EDB)	< 0.02
Dibromochloropropane (DBCP)	< 0.02
1,1,1,2-Tetrachloroethane (surr)	**115 %R**

QC REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)** **Batch ID:**

Client Designation: **NCES | Groundwater | 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,2-Dibromoethane(EDB)	< 0.02	0.12 (117 %R)	0.12 (119 %R) (2 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.11 (108 %R)	0.11 (109 %R) (1 RPD)	4/21/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	111 %R	113 %R	116 %R	4/21/2023	% Rec	65 - 135	20	8011/504

*/! Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-801_20230419	MW-802_20230419	MW-803_20230419					
Lab Sample ID:	258932.01	258932.03	258932.04	258932.05					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23					
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23	**Units**	**Analysis Date**	**Time**	**Method**	**Analyst**
Bromide	< 0.1	< 0.1	**0.12**	**0.22**	mg/L	04/25/23	20:58	300.0	ALM
Chloride	**2.3**	**3**	**29**	**13**	mg/L	04/20/23	15:21	4500ClE-11	ALM
Nitrate-N	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	04/20/23	15:21	353.2	ALM
TKN	< 0.5	< 0.5	**0.60**	**1.8**	mg/L	04/24/23	15:59	4500N_{org}C/NH3D	GRS
COD	< 10	< 10	**11**	**78**	mg/L	04/21/23	8:35	H8000	JCS

Sample ID:	MW-701_20230419	B-918M_20230419						
Lab Sample ID:	258932.02	258932.09						
Matrix:	aqueous	aqueous						
Date Sampled:	4/19/23	4/19/23						
Date Received:	4/20/23	4/20/23	**Units**	**Analysis Date**	**Time**	**Method**	**Analyst**	
Bromide	< 0.1	< 0.1	mg/L	04/25/23	21:12	300.0	ALM	
Sulfate	**17**	**13**	mg/L	04/25/23	21:12	300.0	ALM	
Chloride	**5**	**12**	mg/L	04/20/23	15:23	4500ClE-11	ALM	
Nitrate-N	**2.0**	< 0.5	mg/L	04/20/23	15:23	353.2	ALM	
TKN	**0.53**	< 0.5	mg/L	04/24/23	16:01	4500N_{org}C/NH3D	GRS	
COD	< 10	< 10	mg/L	04/21/23	8:35	H8000	JCS	

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	DUP-2_20230419	B-918U_20230419	B-924U_20230419
Lab Sample ID:	258932.06	258932.08	258932.1
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	4/19/23	4/19/23	4/19/23
Date Received:	4/20/23	4/20/23	4/20/23

				Analysis			
				Units	**Date**	**Time**	**Method**	**Analyst**
Bromide	**0.21**	**0.13**	< 0.1	mg/L	04/25/23	23:22	300.0	ALM
Chloride	**12**	**46**	< 1	mg/L	04/20/23	15:28	4500ClE-11	ALM
Nitrate-N	< 0.5	**4.1**	< 0.5	mg/L	04/20/23	15:28	353.2	ALM
TKN	**1.7**	< 0.5	< 0.5	mg/L	04/24/23	16:12	$4500N_{org}C/NH3D$	GRS
COD	**78**	< 10	< 10	mg/L	04/21/23	8:35	H8000	JCS

Sample ID:	B-914U_20230419
Lab Sample ID:	258932.07
Matrix:	aqueous
Date Sampled:	4/19/23
Date Received:	4/20/23

		Analysis			
		Units	**Date**	**Time**	**Method**	**Analyst**
COD	< 10	mg/L	04/21/23	8:35	H8000	JCS

QC REPORT

EAI ID#: **258932**

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	2.1 (105 %R)	2.1 (105 %R) (1 RPD)	mg/L	4/25/23	90 - 110	20	300.0
Sulfate	< 1	21 (105 %R)	21 (105 %R) (0 RPD)	mg/L	4/26/23	90 - 110	20	300.0
Chloride	< 1	27 (108 %R)	26 (105 %R) (3 RPD)	mg/L	4/20/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.5 (109 %R)	5.5 (109 %R) (0 RPD)	mg/L	4/20/23	90 - 110	20	353.2
TKN	< 0.5	9.9 (99 %R)	10 (100 %R) (1 RPD)	mg/L	4/24/23	90 - 111	20	4500N_{org}C/NH3D-11
COD	< 10	110 (109 %R)	110 (106 %R) (2 RPD)	mg/L	4/21/23	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#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-603_20230419	MW-701_20230419	B-918U_20230419	B-918M_20230419					
Lab Sample ID:	258932.01	258932.02	258932.08	258932.09					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23					
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	4/22/23	200.8	DS
Manganese	< 0.005	**1.3**	< 0.005	**0.011**	AqDis	mg/L	4/22/23	200.8	DS

Sample ID:	B-924U_20230419							
Lab Sample ID:	258932.1							
Matrix:	aqueous							
Date Sampled:	4/19/23							
Date Received:	4/20/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**		
Iron	< 0.05	AqDis	mg/L	4/22/23	200.8	DS		
Manganese	< 0.005	AqDis	mg/L	4/22/23	200.8	DS		

LABORATORY REPORT

EAI ID#: **258932**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater | 2637.10**

Sample ID:	MW-801_20230419	MW-802_20230419	MW-803_20230419	DUP-2_20230419					
Lab Sample ID:	258932.03	258932.04	258932.05	258932.06					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	4/19/23	4/19/23	4/19/23	4/19/23	**Analytical Matrix**	**Units**	**Date of Analysis**	**Method**	**Analyst**
Date Received:	4/20/23	4/20/23	4/20/23	4/20/23					
Arsenic	**0.0098**	**0.019**	**0.070**	**0.071**	AqDis	mg/L	4/22/23	200.8	DS
Iron	**8.0**	**19**	**54**	**56**	AqDis	mg/L	4/22/23	200.8	DS
Manganese	**4.6**	**2.6**	**6.5**	**6.7**	AqDis	mg/L	4/22/23	200.8	DS

QC REPORT

EAI ID#: **258932**

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 (100 %R)		NA	mg/L	4/22/23	85 - 115	20	200.8
Iron	< 0.05	10 (103 %R)		NA	mg/L	4/22/23	85 - 115	20	200.8
Manganese	< 0.005	0.21 (104 %R)		NA	mg/L	4/22/23	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 2

Chain-of-Custody Record

For l 258932

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	Low Level EDB/DBCP	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	ABNs - dissolved	COD	# of Containers	NOTES MeOH Vial #
MW-603_20230419	4/19/23 1310	GW	G	x	x	x	x	x	x					9	
MW-701_20230419	4/19/23 0851	GW	G	x	x	x	x	x	x		x			9	
MW-801_20230419	4/19/23 1311	GW	G	x	x	x	x	x		x				9	
MW-802_20230419	4/19/23 1133	GW	G	x	x	x	x	x		x				9	
MW-803_20230419	4/19/23 1045	GW	G	x	x	x	x	x		x				9	
DUP-2_20230419	4/19/23 1045	GW	G	x	x	x	x	x		x				9	
B-914U_20230419	4/19/23 1221	GW	G									x	x	2	
B-918U_20230419	4/19/23 0937	GW	G	x	x	x	x	x	x					9	
B-918M_20230419	4/19/23 0940	GW	G	x	x	x	x	x	x		x (D)			9	
B-924U_20230419	4/19/23 1400	GW	G	x	x	x	x	x	x					9	
Matrix: A-Air; S-Soil; GW-Ground Water; SW-Surface Water; DW-Drining Water; WW-Waste Water; AQ-Aqueous				H	Ice	NSO	S	Ice	N	N	Ice	ice	S		
Preservative: H-HCl; N-HNO3; S-H2SO4; Na-NaOH; M-MeOH; NSO-Na2S2O3															

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	20 Foundry Street
City:	Concord State: NH Zip: 03301
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. 1.1 °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, GWB, ZFS			
Relinquished By:	Date: 4/19/23	Time: 1720	Received By:
Relinquished By:	Date: 4/20/23	Time: 0845	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

Page 2 of 2

Chain-of-Custody Record

For Lab Use Only **258932**

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	Low Level EDB/DBCP	TKN, COD	Bromide, Chloride, Nitrate	Dissolved Metals List A	Dissolved Metals List B	Sulfate	# of Containers	NOTES MeOH Vial #
TB-GW-02_20230419	4/19/23 1430	AQ	-	X								2	
TB-LL-GW-02_20230419	4/19/23 1430	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	NSO	S	Ice	N	N	Ice			

Project Manager:	M. Estabrooks / T. White
Company:	Sanborn, Head & Associates, Inc.
Address:	20 Foundry Street
City:	Concord State: NH Zip: 03301
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. 1.1 °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, GWB, ZFS

Relinquished By:	Date:	Time:	Received By:
[signature]	4/19/23	1720	
[signature]	4/20/23	0845	[signature]

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

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 258933
Client Identification: NCES | PFAS / 2637.10
Date Received: 4/20/2023

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 537mod

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

5.16.23
Date

SAMPLE CONDITIONS PAGE

EAI ID#: **258933**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | PFAS / 2637.10**

Temperature upon receipt (°C): 2.1

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)
258933.01	MW-701_20230419	4/20/23	4/19/23	08:51	aqueous		Adheres to Sample Acceptance Policy
258933.02	B-918M_20230419	4/20/23	4/19/23	09:40	aqueous		Adheres to Sample Acceptance Policy
258933.03	FB-PFAS-01_20230419	4/20/23	4/19/23	10:00	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.*

ENTHALPY ANALYTICAL

May 12, 2023

Enthalpy Analytical - El Dorado Hills
Work Order No. 2304206

Ms. Jennifer Laramie
Eastern Analytical, Inc.
51 Antrim Avenue
Concord, NH 03301

Dear Ms. Laramie,

Enclosed are the results for the sample set received at Enthalpy Analytical - EDH on April 25, 2023 under your Project Name '258933 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,

Kathy Zjon for

Rajwinder Kaur
Project Manager

NELAP ACCREDITED LABORATORY

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. 2304206
Case Narrative

Sample Condition on Receipt:

Three 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.

Analytical Notes:

PFAS Isotope Dilution/LC-MSMS Method Compliant with Table B-15 of DoD QSM 5.4 (Aqueous)

The samples were extracted and analyzed for a selected list of PFAS using Isotope Dilution and LC-MS/MS compliant with Table B-15 of DoD QSM 5.4. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA 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 and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the Reporting Limits (RL). The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries outside the acceptance criteria are listed in the table below. The responses of the internal standards with low recoveries were greater than 10:1 signal-to-noise, which is the limit generally considered acceptable for accurate quantitation by isotope dilution analysis.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
2304206-01	MW-701_20230419	PFAS Isotope Dilution Table B-15	d3-MeFOSA	H	19.6
2304206-02	B-918M_20230419	PFAS Isotope Dilution Table B-15	d3-MeFOSA	H	5.80
2304206-03	FB-PFAS-01_20230419	PFAS Isotope Dilution Table B-15	13C8-PFOSA	H	45.9
2304206-03	FB-PFAS-01_20230419	PFAS Isotope Dilution Table B-15	d3-MeFOSA	H	3.50
B23D283-BLK1	B23D283-BLK1	PFAS Isotope Dilution Table B-15	d3-MeFOSA	H	19.2
B23D283-BS1	B23D283-BS1	PFAS Isotope Dilution Table B-15	d3-MeFOSA	H	8.50

H = Recovery was outside laboratory acceptance criteria.

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ENTHALPY ANALYTICAL

Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2304206-01	MW-701_20230419	19-Apr-23 08:51	25-Apr-23 10:22	Polypropylene, 250mL
				Polypropylene, 250mL
2304206-02	B-918M_20230419	19-Apr-23 09:40	25-Apr-23 10:22	Polypropylene, 250mL
				Polypropylene, 250mL
2304206-03	FB-PFAS-01_20230419	19-Apr-23 10:00	25-Apr-23 10:22	Polypropylene, 250mL

ANALYTICAL RESULTS

ENTHALPY ANALYTICAL

Sample ID: Method Blank — **PFAS Isotope Dilution Table B-15**

Client Data
Name: Eastern Analytical, Inc. Matrix: Aqueous
Project: 258933 NH 2089

Laboratory Data
Lab Sample: B23D283-BLK1 Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFPeA	2706-90-3	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFBS	375-73-5	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
4:2 FTS	757124-72-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFHxA	307-24-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFPeS	2706-91-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFHpA	375-85-9	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFHxS	355-46-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
6:2 FTS	27619-97-2	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFOA	335-67-1	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFHpS	375-92-8	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFNA	375-95-1	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFOSA	754-91-6	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFOS	1763-23-1	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFDA	335-76-2	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
8:2 FTS	39108-34-4	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFNS	68259-12-1	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
MeFOSAA	2355-31-9	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
EtFOSAA	2991-50-6	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFUnA	2058-94-8	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFDS	335-77-3	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFDoA	307-55-1	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
MeFOSA	31506-32-8	ND	20.0		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFTrDA	72629-94-8	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
PFTeDA	376-06-7	ND	4.00		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C3-PFPeA	IS	97.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C3-PFBS	IS	90.4	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-4:2 FTS	IS	97.4	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-PFHxA	IS	98.5	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C4-PFHpA	IS	101	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C3-PFHxS	IS	96.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-6:2 FTS	IS	95.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-PFOA	IS	96.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C5-PFNA	IS	95.7	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C8-PFOSA	IS	67.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C8-PFOS	IS	90.4	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1

ENTHALPY ANALYTICAL

Sample ID: Method Blank — **PFAS Isotope Dilution Table B-15**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	B23D283-BLK1	Column:	BEH C18
Project:	258933 NH 2089						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	92.5	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-8:2 FTS	IS	86.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
d3-MeFOSAA	IS	87.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
d5-EtFOSAA	IS	78.8	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-PFUnA	IS	84.4	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-PFDoA	IS	81.6	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
d3-MeFOSA	IS	19.2	50 - 150	H	B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1
13C2-PFTeDA	IS	74.0	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:32	1

RL - Reporting limit

Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

ENTHALPY ANALYTICAL

Sample ID: OPR — **PFAS Isotope Dilution Table B-15**

Client Data

Name: Eastern Analytical, Inc. Matrix: Aqueous
Project: 258933 NH 2089

Laboratory Data

Lab Sample: B23D283-BS1 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	38.4	40.0	96.0	73 - 129		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFPeA	2706-90-3	39.1	40.0	97.8	72 - 129		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFBS	375-73-5	38.2	40.0	95.6	72 - 130		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
4:2 FTS	757124-72-4	38.2	40.0	95.6	63 - 143		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFHxA	307-24-4	37.2	40.0	93.1	72 - 129		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFPeS	2706-91-4	40.1	40.0	100	71 - 127		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFHpA	375-85-9	38.8	40.0	96.9	72 - 130		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFHxS	355-46-4	38.4	40.0	95.9	68 - 131		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
6:2 FTS	27619-97-2	37.8	40.0	94.4	64 - 140		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFOA	335-67-1	41.6	40.0	104	71 - 133		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFHpS	375-92-8	37.4	40.0	93.6	69 - 134		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFNA	375-95-1	38.5	40.0	96.2	69 - 130		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFOSA	754-91-6	44.0	40.0	110	67 - 137		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFOS	1763-23-1	36.9	40.0	92.3	65 - 140		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFDA	335-76-2	38.9	40.0	97.2	71 - 129		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
8:2 FTS	39108-34-4	38.8	40.0	96.9	67 - 138		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFNS	68259-12-1	37.3	40.0	93.2	69 - 127		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
MeFOSAA	2355-31-9	39.3	40.0	98.3	65 - 136		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
EtFOSAA	2991-50-6	40.9	40.0	102	61 - 135		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFUnA	2058-94-8	38.6	40.0	96.4	69 - 133		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFDS	335-77-3	34.6	40.0	86.4	53 - 142		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFDoA	307-55-1	42.1	40.0	105	72 - 134		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
MeFOSA	31506-32-8	44.5	40.0	111	68 - 141		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFTrDA	72629-94-8	39.0	40.0	97.5	65 - 144		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
PFTeDA	376-06-7	38.3	40.0	95.7	71 - 132		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	91.6	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C3-PFPeA	IS	97.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C3-PFBS	IS	93.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-4:2 FTS	IS	94.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFHxA	IS	97.9	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C4-PFHpA	IS	98.5	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C3-PFHxS	IS	94.3	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-6:2 FTS	IS	94.9	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFOA	IS	94.8	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1

ENTHALPY ANALYTICAL

Sample ID: OPR — **PFAS Isotope Dilution Table B-15**

Client Data

Name: Eastern Analytical, Inc.
Project: 258933 NH 2089
Matrix: Aqueous

Laboratory Data

Lab Sample: B23D283-BS1
Column: BEH C18

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C5-PFNA	IS	94.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C8-PFOSA	IS	54.7	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C8-PFOS	IS	95.0	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFDA	IS	89.7	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-8:2 FTS	IS	87.7	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
d3-MeFOSAA	IS	83.4	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
d5-EtFOSAA	IS	72.9	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFUnA	IS	83.9	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFDoA	IS	78.2	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
d3-MeFOSA	IS	8.50	50 - 150	H	B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1
13C2-PFTeDA	IS	76.0	50 - 150		B23D283	28-Apr-23	0.250 L	03-May-23 16:42	1

ENTHALPY ANALYTICAL

Sample ID: MW-701_20230419 **PFAS Isotope Dilution Table B-15**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2304206-01	Column:	BEH C18
Project:	258933 NH 2089	Date Collected:	19-Apr-23 08:51	Date Received:	25-Apr-23 10:22		
Location:	258933						

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.38	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFPeA	2706-90-3	5.40	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFBS	375-73-5	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
4:2 FTS	757124-72-4	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFHxA	307-24-4	6.55	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFPeS	2706-91-4	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFHpA	375-85-9	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFHxS	355-46-4	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
6:2 FTS	27619-97-2	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFOA	335-67-1	4.43	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFHpS	375-92-8	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFNA	375-95-1	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFOSA	754-91-6	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFOS	1763-23-1	5.91	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFDA	335-76-2	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
8:2 FTS	39108-34-4	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFNS	68259-12-1	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
MeFOSAA	2355-31-9	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
EtFOSAA	2991-50-6	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFUnA	2058-94-8	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFDS	335-77-3	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFDoA	307-55-1	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
MeFOSA	31506-32-8	ND	20.0		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFTrDA	72629-94-8	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
PFTeDA	376-06-7	ND	4.00		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	89.4	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C3-PFPeA	IS	93.1	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C3-PFBS	IS	86.0	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-4:2 FTS	IS	94.1	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFHxA	IS	93.8	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C4-PFHpA	IS	93.1	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C3-PFHxS	IS	89.5	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-6:2 FTS	IS	88.6	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFOA	IS	90.8	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C5-PFNA	IS	91.2	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C8-PFOSA	IS	64.7	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1

ENTHALPY ANALYTICAL

Sample ID: MW-701_20230419 **PFAS Isotope Dilution Table B-15**

Client Data

Name:	Eastern Analytical, Inc.	Matrix:	Aqueous
Project:	258933 NH 2089	Date Collected:	19-Apr-23 08:51
Location:	258933		

Laboratory Data

Lab Sample:	2304206-01	Column:	BEH C18
Date Received:	25-Apr-23 10:22		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	87.0	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFDA	IS	89.6	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-8:2 FTS	IS	83.5	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
d3-MeFOSAA	IS	89.9	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
d5-EtFOSAA	IS	78.9	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFUnA	IS	86.1	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFDoA	IS	83.9	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
d3-MeFOSA	IS	19.6	50 - 150	H	B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1
13C2-PFTeDA	IS	80.2	50 - 150		B23D283	28-Apr-23	0.256 L	03-May-23 16:53	1

RL - Reporting limit

Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

ENTHALPY ANALYTICAL

Sample ID: B-918M_20230419 **PFAS Isotope Dilution Table B-15**

Client Data

Name: Eastern Analytical, Inc.
Project: 258933 NH 2089
Location: 258933
Matrix: Aqueous
Date Collected: 19-Apr-23 09:40

Laboratory Data

Lab Sample: 2304206-02
Date Received: 25-Apr-23 10:22
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFPeA	2706-90-3	5.81	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFBS	375-73-5	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
4:2 FTS	757124-72-4	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFHxA	307-24-4	7.51	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFPeS	2706-91-4	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFHpA	375-85-9	4.00	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFHxS	355-46-4	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
6:2 FTS	27619-97-2	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFOA	335-67-1	12.9	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFHpS	375-92-8	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFNA	375-95-1	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFOSA	754-91-6	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFOS	1763-23-1	5.35	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFDA	335-76-2	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
8:2 FTS	39108-34-4	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFNS	68259-12-1	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
MeFOSAA	2355-31-9	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
EtFOSAA	2991-50-6	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFUnA	2058-94-8	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFDS	335-77-3	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFDoA	307-55-1	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
MeFOSA	31506-32-8	ND	20.0		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFTrDA	72629-94-8	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
PFTeDA	376-06-7	ND	4.00		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	86.5	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C3-PFPeA	IS	90.0	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C3-PFBS	IS	83.3	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-4:2 FTS	IS	85.0	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFHxA	IS	90.3	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C4-PFHpA	IS	92.5	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C3-PFHxS	IS	88.9	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-6:2 FTS	IS	89.3	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFOA	IS	89.0	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C5-PFNA	IS	87.6	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C8-PFOSA	IS	53.4	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1

ENTHALPY ANALYTICAL

Sample ID: B-918M_20230419 **PFAS Isotope Dilution Table B-15**

Client Data

Name:	Eastern Analytical, Inc.	Matrix:	Aqueous
Project:	258933 NH 2089	Date Collected:	19-Apr-23 09:40
Location:	258933		

Laboratory Data

Lab Sample:	2304206-02	Column:	BEH C18
Date Received:	25-Apr-23 10:22		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	87.1	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFDA	IS	85.7	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-8:2 FTS	IS	78.9	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
d3-MeFOSAA	IS	82.5	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
d5-EtFOSAA	IS	70.8	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFUnA	IS	80.6	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFDoA	IS	78.6	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
d3-MeFOSA	IS	5.80	50 - 150	H	B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1
13C2-PFTeDA	IS	77.5	50 - 150		B23D283	28-Apr-23	0.268 L	03-May-23 17:03	1

RL - Reporting limit

Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

ENTHALPY ANALYTICAL

Sample ID: FB-PFAS-01_20230419 **PFAS Isotope Dilution Table B-15**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2304206-03	Column:	BEH C18
Project:	258933 NH 2089	Date Collected:	19-Apr-23 10:00	Date Received:	25-Apr-23 10:22		
Location:	258933						

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFPeA	2706-90-3	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFBS	375-73-5	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
4:2 FTS	757124-72-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFHxA	307-24-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFPeS	2706-91-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFHpA	375-85-9	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFHxS	355-46-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
6:2 FTS	27619-97-2	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFOA	335-67-1	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFHpS	375-92-8	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFNA	375-95-1	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFOSA	754-91-6	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFOS	1763-23-1	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFDA	335-76-2	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
8:2 FTS	39108-34-4	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFNS	68259-12-1	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
MeFOSAA	2355-31-9	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
EtFOSAA	2991-50-6	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFUnA	2058-94-8	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFDS	335-77-3	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFDoA	307-55-1	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
MeFOSA	31506-32-8	ND	20.0		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFTrDA	72629-94-8	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
PFTeDA	376-06-7	ND	4.00		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.1	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C3-PFPeA	IS	92.8	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C3-PFBS	IS	89.0	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-4:2 FTS	IS	98.0	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFHxA	IS	92.8	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C4-PFHpA	IS	92.0	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C3-PFHxS	IS	92.6	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-6:2 FTS	IS	84.1	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFOA	IS	89.3	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C5-PFNA	IS	90.2	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C8-PFOSA	IS	45.9	50 - 150	H	B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1

ENTHALPY ANALYTICAL

Sample ID: FB-PFAS-01_20230419 **PFAS Isotope Dilution Table B-15**

Client Data				Laboratory Data			
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2304206-03	Column:	BEH C18
Project:	258933 NH 2089	Date Collected:	19-Apr-23 10:00	Date Received:	25-Apr-23 10:22		
Location:	258933						

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	89.3	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFDA	IS	86.9	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-8:2 FTS	IS	80.2	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
d3-MeFOSAA	IS	80.6	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
d5-EtFOSAA	IS	76.1	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFUnA	IS	83.0	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFDoA	IS	76.5	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
d3-MeFOSA	IS	3.50	50 - 150	H	B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1
13C2-PFTeDA	IS	76.4	50 - 150		B23D283	28-Apr-23	0.253 L	03-May-23 17:13	1

RL - Reporting limit

Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

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
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
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	The ion transition ratio is outside of the acceptance criteria.
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

2304206 0.4°C

Eastern Analytical, Inc.
professional laboratory and drilling services

EAI ID# 258933 Page 1

Sample ID	Date Sampled	Matrix	aParameters	Sample Notes
MW-701_20230419	4/19/2023 08:51	aqueous	Subcontract - Perfluorinated Compounds EPA Method 537 modified	
B-918M_20230419	4/19/2023 09:40	aqueous	Subcontract - Perfluorinated Compounds EPA Method 537 modified	
FB-PFAS-01_20230419	4/19/2023 10:00	aqueous	Subcontract - Perfluorinated Compounds EPA Method 537 modified	

EAI ID# 258933 **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 537 modified with isotope dilution (Compound List attached). Report to RL (no J-flags) Report standard project RLs: ~20 ng/l for MeFOSA; ~4 ng/L for all other compounds

PO #: 59677 **EAI ID# 258933**

Data Deliverable (circle)

Excel NH EMD EQuIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: Chris Johnson 4/24/23 1600 CJS

Relinquished by	Date/Time	Received by
UPS	04/25/23 1022	
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 intentional acts or omissions of you as a subcontract lab, your officers, agents or employees

GAI 258933

PFAS DoD 25 Compounds 2304206

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 # 1 of 1

Work Order #: 2304206 TAT std

Samples Arrival:	Date/Time 04/25/23 1022		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: 1.8 (uncorrected) Temp °C: 0.4 (corrected)			Probe used: Y / N		Thermometer ID: IR-4		

	YES	NO	NA
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Airbill 1 of 2 Trk # 1Z XH6 599 01 9403 2114	✓		
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 04/25/23 1145	Initials: WWS	Location: R-13, WR-2 Shelf/Rack: B-3, F-6
COC Anomaly/Sample Acceptance Form completed?		✓	✓

Comments:

CoC/Label Reconciliation Report WO# 2304206

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2304206-01	A MW-701_20230419	☐ (A) (D)	258933	19-Apr-23 08:51	☑	Polypropylene, 250mL	Aqueous	
2304206-01	B MW-701_20230419	☐ ↓	258933	19-Apr-23 08:51	☑	Polypropylene, 250mL	Aqueous	
2304206-02	A B-918M_20230419	☐ (B)	258933	19-Apr-23 09:40	☑	Polypropylene, 250mL	Aqueous	
2304206-02	B B-918M_20230419	☐ ↓	258933	19-Apr-23 09:40	☑	Polypropylene, 250mL	Aqueous	
2304206-03	A FB-PFAS-01_20230419	☐ (C) (E) (F)	258933	19-Apr-23 10:00	☑	Polypropylene, 250mL	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)	✓		

Comments: (A) Sample label ID: MW-701
(B) Sample label ID: B-918M
(C) Sample label ID: FB-01
(E) No Backup Bottle

Preservation Documented: Na2S2O3 (Trizma) NH4CH3CO2 None Other
T7 (D)
T6 (E)

Verifed by/Date: SNH 04/26/23

Chain-of-Custody Record

F 258933

Page 1 of 1

Sample ID	Sampling Date/Time *If Composite, Indicate Both Start & Finish Date/Time	Matrix (see below)	Grab/*Composite	Analyses Requested: PFAS- Mod 537 - DoD 25 Compound List	Field Turbidity (NTU)	# of Containers	NOTES MeOH Vial #
MW-701_20230419	4/19/23 0851	GW	G	X	30.0	2	
B-918M_20230419	4/19/23 0940	GW	G	X	3.00	2	
FB-PFAS-01_20230419	4/19/23 1000	Aq	G	X	—	1	
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			

Report standard project RLs:
~20 ng/l for MeFOSA; ~4 ng/L
for all other compounds

Project Manager:	M. Estabrooks / T. White
Company:	Sanbom, Head & Associates, Inc.
Address:	20 Foundry Street
City:	Concord State: NH Zip: 03301
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 2-1 °C ice

Metals: **Samples Field Filtered:**

A:

B:

C:

Notes: (i.e., Special Detection Limits, Billing Info, If Diff

Bill NCES.
Sub Vista
1) Please Report Sulfonic Acids
2) PFAS by Method 537 modified wi isotope dilution (Compound List Attached)
3) Report to RL (no J-flags)

Sampler(s): PJP, GWB, ZFS

Relinquished By:	Date:	Time:	Received By:
[signature]	4/19/23	1710	
[signature]	4/20/23	0845	[signature]

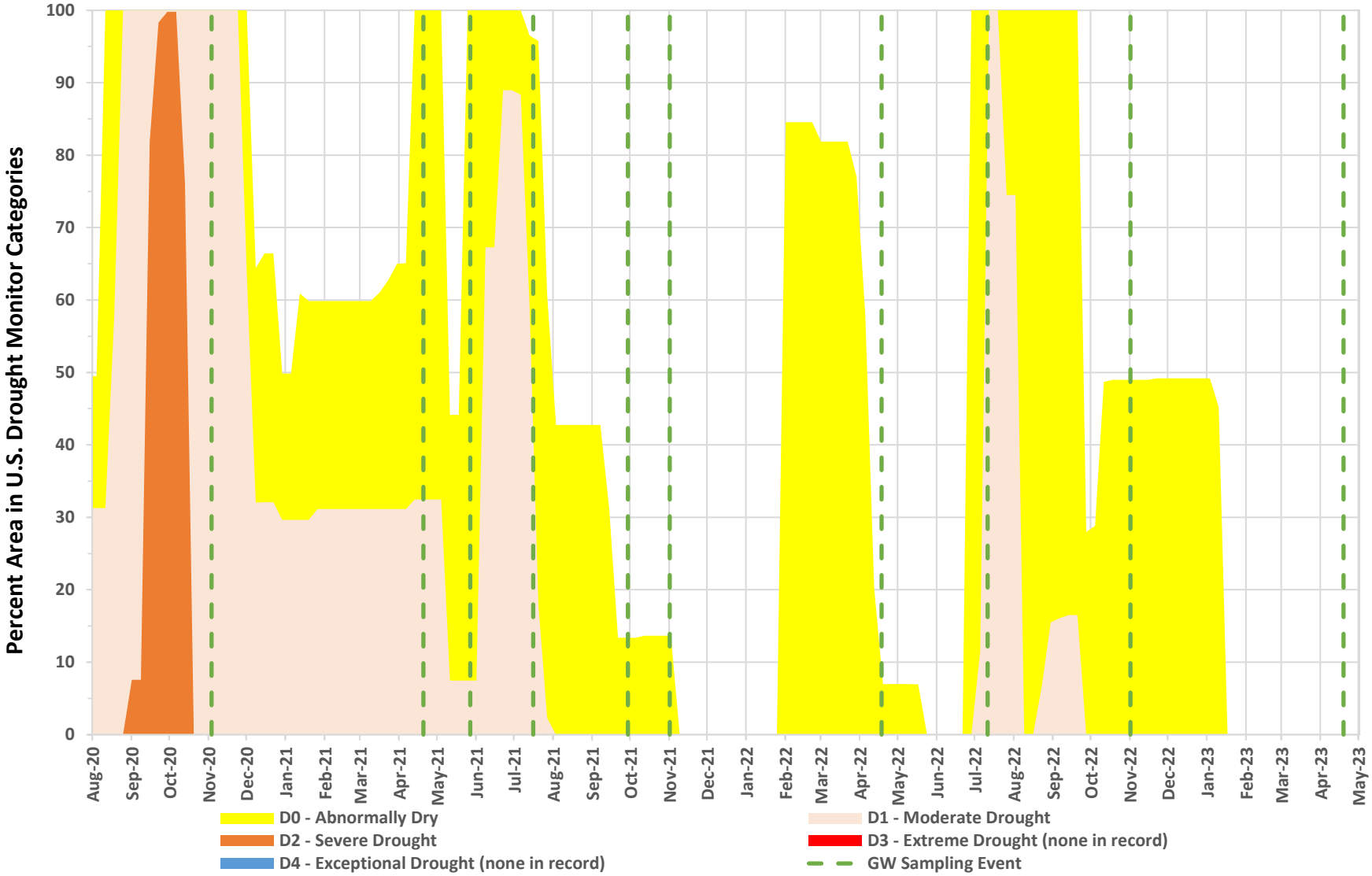
Eastern Analytical, Inc. Services

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

Appendix G

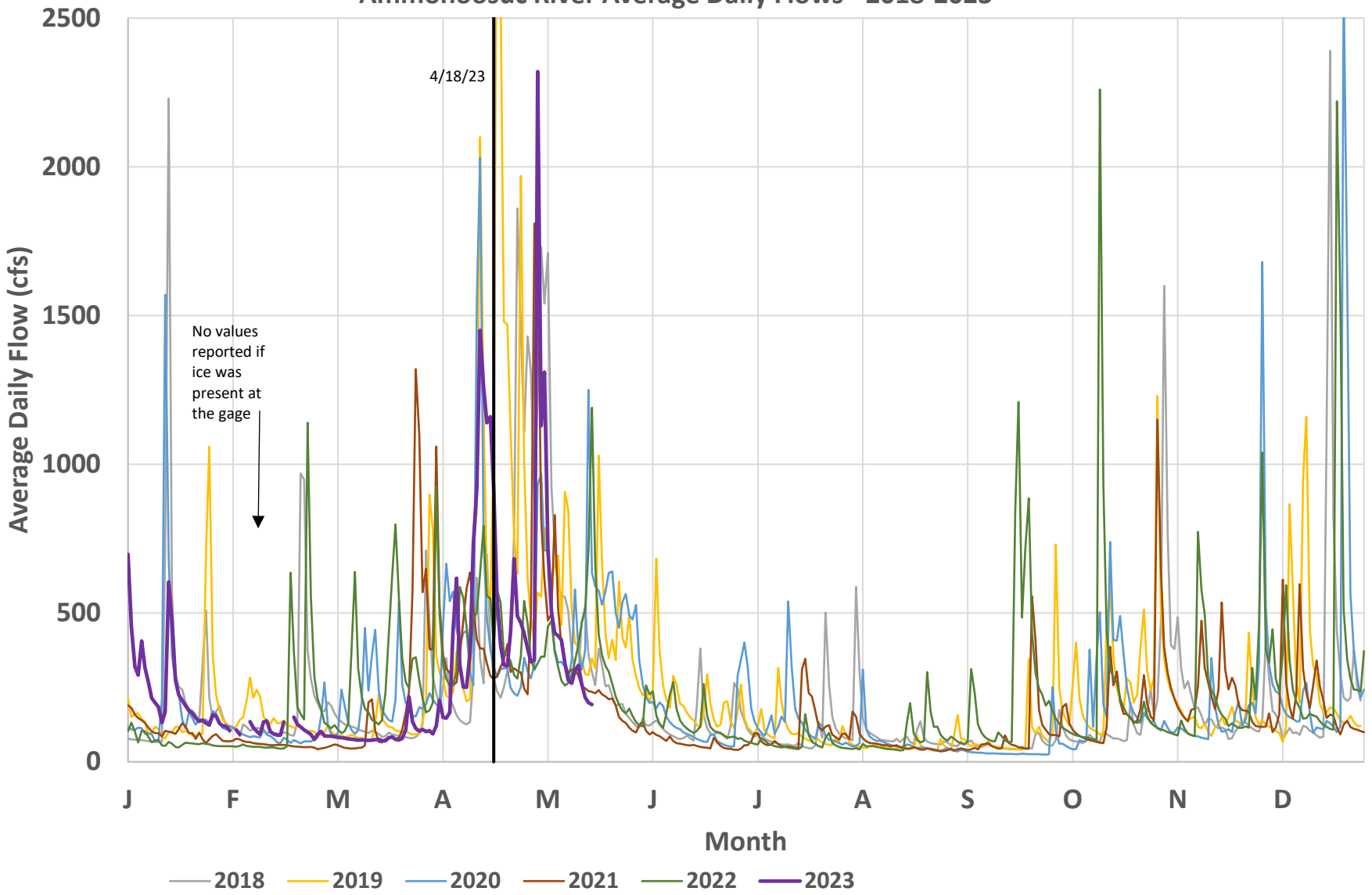
Drought Information

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: May 18, 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; 2023 and some 2022 data from USGS are provisional and subject to revision; Accessed May 18, 2023