

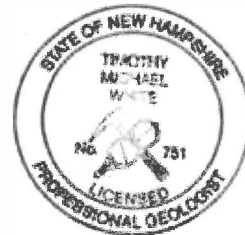
**NHDES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095**

**July 2023 Tri-Annual/2023 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:
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Tim White

Date of Report: August 24, 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*): **2023**
- Data Submittal (*month and year per Condition #7 of Permit*): **July 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-918M – Nitrate (below AGQS and site background)

B-924U – Nickel (below AGQS and site background)

B-915M – PFBS (no AGQS established)

B-304DR – PFPeS (no AGQS established)

B-919U – PFNA (below AGQS)

MW-604 – PFBS (no AGQS established), PFOS (below AGQS)

- 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 July 2023 are indicated below and are discussed in the report text.

Well/Compound:

Arsenic: B-103S, B-103D, MW-802, MW-803, B-919M [inside GMZ]; B-927M [outside GMZ]

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

1,4-Dioxane: B-304DR [inside GMZ]

PFOA: B-304UR, B-304DR, B-919U, B-928U [inside GMZ]

PFHxS: B-304DR [inside GMZ]

Recommendations

- Does the report include any recommendations requiring DES action? (*Do not check this box if the only recommendation is to continue with existing permit conditions.*) **NO**

2023 Summary of Water Quality Monitoring Results and Submittal of July 2023 Monitoring Results

NORTH COUNTRY ENVIRONMENTAL SERVICES, INC.

Bethlehem, New Hampshire

NHDES Site No. 198704033

Prepared for North Country Environmental Services, Inc.

File No. 2637.10

August 2023

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1.0 INTRODUCTION

On behalf of North Country Environmental Services, Inc. (NCES), Sanborn, Head & Associates, Inc. (Sanborn Head) prepared this annual summary of the water quality monitoring data for the NCES Landfill (Site) in Bethlehem, New Hampshire. This report provides a discussion of water quality conditions in consideration of the data collected during the 2023 monitoring year, including data collected from the November 2022, April 2023, and July 2023 tri-annual monitoring events required by 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, 2018.¹ This report also serves to transmit the July 2023 tri-annual monitoring data required by the Permit. In addition, this report includes results and interpretation of the following sampling events performed since November 2022:

- Quarter 3 (July) 2023 Assessment Monitoring for monitoring wells MW-701 and B-918M, pursuant to NHDES' October 21, 2019 letter².
- Supplemental Site Investigation (SSI) monitoring for monitoring wells B-928U, B-928D, B-304UR, B-304DR, MW-604, and MW-802 pursuant to NHDES' June 30, 2023 letter³.
- The results from the Initial Response Action (IRA) groundwater sampling in November 2022. Pursuant to NHDES' March 23, 2023 letter⁴, IRA monitoring has been terminated.

2.0 SITE WATER QUALITY MONITORING PROGRAM

The current facility Permit includes 43 groundwater monitoring wells, five sampling locations to the north of the Site consisting of seeps/springs on the slope between the Site and the Ammonoosuc River, and three surface water (River) sampling locations along the southern shoreline of the River.

Ten monitoring wells (B-102S, B-102D, MW-603, MW-801, B-903U, B-903L, B-904U, B-904L, B-914U, and B-914L) were decommissioned in May 2023 in association with the construction of the Stage VI Phase II landfill. A Monitoring Well and Gas Probe Decommissioning Summary letter report will be transmitted to NHDES separately. The decommissioned wells have been replaced with six new monitoring wells (B-929U, B-929L, B-930U, B-930L, B-931U, and B-931L).

A Locus Plan, showing general topography around the Site, is provided as Figure 1. An Exploration Location Plan is provided as Figure 2. An Exploration Location Plan depicting both existing and decommissioned locations is included in Appendix A as Figure A-1. Permit monitoring locations are summarized in Exhibit 1 below:

¹ 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.

² <https://www4.des.state.nh.us/DocViewer/?ContentId=4813101>

³ <https://www4.des.state.nh.us/DocViewer/?ContentId=5099069>

⁴ <https://www4.des.state.nh.us/DocViewer/?ContentId=5070167>



Exhibit 1
Summary of Permit Monitoring Locations – July 2023

Groundwater Management Wells					
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. Pursuant to the permit, some groundwater monitoring wells may have water level measurements only for the July 2023 tri-annual monitoring. For these locations, no sample was collected for laboratory analysis.
4. “*” indicates monitoring well was decommissioned on **May/June** 2023 in association with the construction of the Stage VI Phase II landfill.

Surface Water Sampling Locations	
Springs/Seeps	Ammonoosuc River
S-101	AR-1
S-108	AR-2
S-109	AR-3
S-1 (Main Seep)	
SF-1 (surface flow from S-1)	

Notes:
 River sampling locations (designated AR-1 through AR-3) are located down slope from the seeps, and were established in conjunction with the Site GMZ. The GMZ delineation is shown on an October 26, 2017 plan titled "Ground Water Management Zone Plan for Lands of North Country Environmental Services, Inc. and Forest Acquisitions, Inc.," previously submitted to NHDES
<https://www4.des.state.nh.us/IISProxy/IISProxy.dll?ContentId=4681959>.

A comparison to background groundwater quality is provided on Table 1 (refer to Appendix A for information about calculation and selection of background concentrations). A summary of groundwater elevations is provided in Appendix B.1 and values from July 2023 are presented on Figure 3. Summaries of groundwater and surface water quality data are provided in Appendices



B.2 and B.3, respectively. Time-series plots for concentrations of select analytes at groundwater and surface water locations are provided in Appendices C.1 and C.2, respectively. Appendix D.1 presents tabulated groundwater per- and polyfluoroalkyl substances (PFAS) data, and Appendix D.2 provides bar charts summarizing groundwater PFAS data. Sanborn Head's Field Sampling Summary forms for the July 2023 monitoring event are provided as Appendix E. Analytical laboratory reports for the July 2023 monitoring event are included in Appendix F. Precipitation information is included in Appendix G.

3.0 JULY 2023 MONITORING

Sanborn Head performed the most recent tri-annual monitoring at the Site on July 10 through 12, 2023. The permit locations specified for the July 2023 sampling/water level event included: 41 groundwater samples and/or water levels, five surface water spring/seep samples, and three River samples.

Samples were submitted to Eastern Analytical, Inc. (EAI) of Concord, New Hampshire (a NH-certified laboratory) for the analyses specified in the Permit and the referenced NHDES' letters. The laboratory analytical data reports from EAI for the July 2023 monitoring event, which indicate the sample-specific analyses and associated analytical methods, are provided for reference in Appendix F.

Consistent with the Permit, the analytical results for the July 2023 monitoring event are summarized below following the general organizational format used in the April 2023 Monitoring Report. This section provides a comparison of July 2023 monitoring results to background values, a comparison to applicable standards, and a discussion of results. An assessment of water quality trends is included in the Section 4 ("2023 Summary of Water Quality Findings"). Background values are described in Appendix A and shown in Table 1. Applicable standards are shown in Table B.2.

3.1 Groundwater Results

3.1.1 Background Evaluation

This section compares groundwater analytical results of the July 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 are summarized in Exhibit 2. Other detected concentrations were either below background concentrations or have previously exceeded background concentrations in the period of record for a given location.



Exhibit 2
Summary of Initial Background Concentration Exceedances – July 2023

Location	Analyte	Concentration / Value	Previous Max/Min	July 2023 Site Background (refer to Table 1)	GW-1 (AGQS)	SMCL	# of sampling events for analyte
Background Wells							
No initial exceedances of background							
Release Detection Wells Outside the GMZ							
B-931U	Temperature	14.1 °C	7.1 °C (March 2023)	5.4-12.9 °C	NS	NS	3
	Comments: The period of record at this location is relatively limited; July 2023 represents the first summer reading recorded at this location, which was installed in October 2022. The temperature at B-931U is inferred to be related to localized infiltration of relatively warm precipitation and stormwater in the area east of Stage II. Given that other parameters at B-931U were below background values or were generally consistent with historical values, the temperature value at B-931U in July 2023 is not considered to represent evidence of a release.						
B-915M	PFBS [4]	2.44 ng/l	ND	<4.0-<5.0 ng/L	NS		8
	Comments: PFBS was detected slightly above the reporting limit at B-915M, which was approximately 2 ng/L in July 2023 and typically 4 to 5 ng/L in previous rounds. Other PFAS analytes detected at this location indicated generally similar concentrations to historical values (2-6 ng/l). B-915M is located outside the GMZ, downgradient of the Stage I Landfill. Similar to B-915U, monitoring wells in this area have shown low-level PFAS detections attributed 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 in 2014-15.						
Release Detection Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill							
B-928D	Temperature	13.3 °C	12.4 °C (June 2022)	5.4-12.9 °C	NS	NS	8
	Comments: The temperature at B-928D is inferred to be related to localized infiltration of relatively warm precipitation and stormwater in the area north of Stage IV. The period of record at this location is relatively limited, particularly for summer groundwater temperatures. Specific conductance was lower at B-931U in July 2023 compared to previous values, which is consistent with potential influence from infiltration of precipitation. Given that other parameters at B-928U were below background values or were generally consistent with historical values, the temperature value at B-928D in July 2023 is not considered to represent evidence of a release. B-928D is located inside the GMZ.						
B-304DR	PFPeS [5]	2.88 ng/l	ND	<4.0-<5.0 ng/L	NS	NS	11
	Comments: PFBS was detected slightly above the reporting limit at MW-304DR, which was approximately 2 ng/L in July 2023 and typically 4 to 5 ng/L in previous rounds. Other PFAS analytes detected at this location indicated generally similar concentrations to historical values, except for three analytes (6:2FTS, PFHxS, and PFOA) which showed new maximum concentrations in July 2023. MW-304DR is located inside the GMZ.						
B-919U	PFNA [8]	2.8 ng/l	ND	<4.0-<5.0 ng/L	11 ng/l	NS	15
	Comments: PFNA was detected slightly above the reporting limit at B-919U, which was approximately 2 ng/L in July 2023 and 4 to 5 ng/L in previous rounds. Other PFAS analytes detected at this location indicated generally similar concentrations to historical values (2-25 ng/l). B-919U is located inside the GMZ.						

Location	Analyte	Concentration / Value	Previous Max/Min	July 2023 Site Background (refer to Table 1)	GW-1 (AGQS)	SMCL	# of sampling events for analyte
Groundwater Management Wells Inside the GMZ – Impacts Anticipated from Former Unlined Landfill							
MW-604	PFBS [4]	4.58 ng/l	ND	<4.0-<5.0 ng/L	NS	NS	9
	PFBS was detected slightly above the reporting limit at MW-604, which was approximately 2 ng/L in July 2023 and typically 4 to 5 ng/L in previous rounds. Other PFAS analytes detected at this location indicated generally similar concentrations to historical values (2-12 ng/l). MW-604 is located inside the GMZ.						
	PFOS [8]	5.72 ng/l	ND	<4.0-<5.0 ng/L	15	NS	9
	PFOS was detected slightly above the reporting limit at MW-604, which was approximately 2 ng/L in July 2023 and typically 4 to 5 ng/L in previous rounds. Other PFAS analytes detected at this location indicated generally similar concentrations to historical values (2-12 ng/l). MW-604 is located inside the GMZ.						

Note: “[8]” indicates number of carbons in the alkyl chain. Refer to Appendix D for additional information and full PFAS analyte names.

3.1.2 Initial Detects

As summarized in Exhibit 3 below, B-918M indicated an initial detection of nitrate in July 2023 at a concentration below the site background and AGQS, and B-924U indicated an initial detection of nickel in July 2023 at a concentration below the site background and SMCL.

**Exhibit 3
Summary of Initial Detects at Groundwater Monitoring Locations – July 2023**

Location	Analyte	milligrams per liter (mg/l) for metals and nitrate nanograms per liter (ng/l) for PFAS			
		NHDES AGQS	Site Background	July 2023 Concentration	Laboratory Reporting Limit
B-918M	Nitrate	10	2.6	0.66	0.5
B-924U	Nickel	0.1	0.0027	0.0017	0.001
B-915M	PFBS [4]	Not established	<4.0-<5.0 ng/L	2.44	2.21
B-304DR	PFPeS [5]	Not established		2.88	2.85
B-919U	PFNA [8]	11		2.8	2.11
MW-604	PFBS [4]	Not established		4.58	2.32
	PFOS [8]	15		5.72	2.32

3.1.3 Groundwater Quality Standard Exceedances

Detected concentrations in July 2023 groundwater samples which exceeded applicable standards are indicated on Tables 1 and B.2 and are summarized in Exhibit 4. Concentrations



were compared to the AGQS; if no AGQS is available, then concentrations were compared to the USEPA SMCL, if available.

Exhibit 4
Summary of Exceedances of AGQS or SMCL – July 2023

Analyte	AGQS (or SMCL if no AGQS)	Exceedance in July 2023		Initial Exceedance July 2023	
		Within GMZ	Outside GMZ	Within GMZ	Outside GMZ
AGQS Exceedance					
1,4-Dioxane	0.32 µg/L	B-304DR	None	None	None
Manganese	0.30 mg/L	B-103S, B-103D, B-304DR, MW-802, MW-803, B-919M	B-926U, MW-701	None	None
Arsenic	0.005 mg/L	B-103S, B-103D, MW-802, MW-803, B-919M	B-927M	None	None
PFOA	12 ng/l	B-304UR, B-304DR, B-919U, B-928U	None	None	None
PFHxS	18 ng/l	B-304DR	None	None	None
SMCL Exceedance (analytes with no AGQS)					
pH ¹	6.5 to 8.5 s.u.	B-304DR, B-928U, MW-802, MW-803	B-915U, B-916U, B-918U, B-926U, B-926L, B-927U	None	None
Iron	0.3 mg/L	B-103S, B-103D, MW-802, MW-803, B-919M	B-927M	None	None

Notes:

1. 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.
2. "Initial exceedance" indicates that July 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

3.1.4 Groundwater Quality Assessment

This section provides a comparison to background values, an assessment of trends for analytes with initial background exceedances, and discussion of initial detects or exceedances of standards in July 2023, including a comparison to similarly identified analytes from previous sampling events.

3.1.4.1 Volatile Organic Compounds (VOCs)

Only one VOC was detected in groundwater in July 2023:



- 1,4-Dioxane:** was detected at two locations (B-304DR and MW-701) at concentrations of 0.51 µg/L and 0.25 µg/L, respectively. The concentration at B-304DR in July 2023 was similar to the concentration in April 2023 (0.5 µg/L) and slightly higher than the AGQS of 0.32 µg/L, but at the lower range of concentrations 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 detection at MW-701 was the first detection of 1,4-dioxane at this location since April 2019 (0.34 µg/L); however, it was below the AGQS and equal to the laboratory reporting limit.

3.1.4.2 Semi-Volatile Organic Compounds (SVOCs)

Consistent with the Permit, groundwater samples were not analyzed for SVOCs in July 2023. Refer to section 4.1.3 for a discussion regarding SVOC sampling during the reporting period.

3.1.4.3 Inorganic Parameters

Metals

- Arsenic:** The arsenic concentrations at five monitoring wells located inside the GMZ and two monitoring wells outside the GMZ indicated an exceedance of background (0.00051 mg/L) in July 2023. The background value for arsenic changed from 0.0011 mg/L in November 2022 to 0.00051 mg/L in April 2023.

Outside the GMZ	B-927M, B-931U
Inside the GMZ	B-103S, B-103D, B-919M, MW-802, MW-803

Arsenic concentrations at these monitoring wells in July 2023 ranged from 0.00052 mg/L (B-931U) to 0.069 mg/L (MW-803 duplicate; 0.067 mg/L in the primary) and were within the range of recent concentrations recorded at these locations. Elevated arsenic concentrations inside the GMZ are consistent with reducing conditions associated with the former unlined landfill.

The detection at B-927M (0.0056 mg/L) was only the fourth sample analyzed for arsenic from this location, and was below the period of record maximum value (0.0066 mg/L in November 2017). The detection at B-931U (0.00052 mg/L) was only the third sample analyzed for arsenic from this location (well installed in October 2022), was below the period of record maximum value (0.00068 mg/l in March 2023), and only marginally exceeded the site background value of 0.00051 mg/L.

Each of these background exceedances also represent exceedances of the arsenic AGQS of 0.005 mg/l, except for B-931U.

- Manganese:** The manganese concentrations at nine monitoring wells indicated an exceedance of background (0.067 mg/L) in July 2023. The background value for manganese changed from 0.19 mg/L in April 2023 to 0.067 mg/L in July 2023.

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



Concentrations at locations exceeding background inside the GMZ ranged from 1.2 mg/L (B-103D) to 5.9 mg/L (MW-803 duplicate; 5.8 mg/L in the primary), while concentrations at locations exceeding background outside the GMZ ranged from 0.26 mg/L (B-927M) to 2.5 mg/L (B-926U). The AGQS for manganese is 0.3 mg/L.

Manganese concentrations at monitoring wells indicating exceedances of the manganese background in July 2023 were generally consistent with recent concentrations.

- **Iron:** The iron concentrations at six locations indicated an exceedance of background (0.41 mg/L) in July 2023. The background value for iron changed from 0.64 mg/L in April 2023 to 0.41 mg/L in July 2023.

Outside the GMZ	B-927M
Inside the GMZ	B-103S, B-103D, MW-802, MW-803, B-919M

Concentrations at locations exceeding background inside the GMZ ranged from 6.1 mg/L (B-103D) to 56 mg/L (MW-803 duplicate; 53 mg/L in the primary) and the concentration at the well (B-927M) exceeding background outside the GMZ was 3.6 mg/L. There is no AGQS established for iron; the SMCL is 0.3 mg/L.

Iron concentrations at above locations in July 2023 were generally similar to recent results. Elevated iron concentrations inside the GMZ are consistent with reducing conditions associated with the former unlined landfill.

- **Barium:** The barium background concentration (0.025 mg/L) was exceeded at 7 monitoring wells in July 2023.

Outside the GMZ	B-915M, B-927M, B-927U
Inside the GMZ	B-304DR, MW-604, MW-802, MW-803

Concentrations at wells exceeding background inside the GMZ ranged from 0.026 mg/L (B-304DR) to 0.084 mg/L (MW-803 duplicate; 0.082 mg/L in the primary) and concentrations at wells exceeding background outside the GMZ ranged from 0.027 mg/L (B-915M) to 0.041 mg/L (B-927M). The results were within the range of historical concentrations at these locations with the exception of B-927M which represents a new maximum concentration for that location. The AGQS for barium is 2 mg/L.

- **Chromium:** The chromium background concentration (0.0017 mg/L) was exceeded at two locations in July 2023: B-917U (0.0025 mg/L) and B-930U (0.0018 mg/L), both outside the GMZ. The concentration detected at B-917U represents a new maximum concentration for this location. The AGQS for chromium is 0.1 mg/L. The background value for chromium changed from 0.0014 mg/L in April 2023 to 0.0017 mg/L in July 2023.



- **Nickel:** The nickel concentrations at four monitoring wells indicated an exceedance of background (0.0027 mg/L) in July 2023.

Outside the GMZ	B-927M
Inside the GMZ	B-304DR, MW-802, MW-803

Concentrations at wells exceeding background inside the GMZ ranged from 0.0028 mg/L (MW-802) to 0.014 mg/L (B-304DR) and the concentration at the well outside the GMZ was 0.0053 mg/L (B-927M). The results were within the range of historical concentrations at these locations with the exception of B-927M and B-304DR which represent new maximum concentrations for these locations. The AGQS for nickel is 0.1 mg/L.

Bromide

The bromide background concentration is 0.1 mg/L outside the GMZ and 0.4 mg/L inside the GMZ. Concentrations at two wells outside the GMZ (B-918U and B-926U) exceeded background in July 2023, both at 0.13 mg/L. The results were within the range of historical concentrations at these locations. There is no AGQS established for bromide.

Chloride

As indicated on Table 1 and discussed in Appendix A.1, locations indicating exceedances of the chloride background (1.8 mg/L) (and sometimes also specific conductance) are typically in one of three categories discussed below. The background value for chloride changed from 4 mg/L in November 2022 to 1.8 mg/L in April 2023.

1. Shallow locations near roadways or downgradient of roadways (both inside and outside of the GMZ): inferred to be part or in whole related to vehicle traffic and associated soil disturbance.

Outside the GMZ | MW-701, B-915U, B-916U, B-918U, B-926U, B-927U, B-931U

Chloride concentrations at these locations ranged from 1.9 mg/L (B-931U) to 58 mg/L (B-927U) and were generally within the range of recent results.

2. Certain wells within the GMZ: chloride detections are consistent with residual water quality effects related to the former unlined landfill. Deeper intervals may also indicate elevated chloride concentrations within the GMZ. A list of locations is provided below:

Inside the GMZ | B-103S, B-103D, B-304UR, B-304DR, MW-604, MW-802, MW-803, B-919U, B-919M, B-928U, B-928D

Chloride concentrations at these locations ranged from 1.9 mg/L (B-103D) to 33 mg/L (MW-802) and were generally within the range of recent results.



3. Intermediate and deep wells outside the GMZ, generally northwest of the landfill: periodically or consistently elevated chloride (and sometimes also specific conductance), may indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs related to earthwork associated with previous phases of landfill development). Screened intervals are inferred to be completed at depths/locations representative of longer flow paths and/or 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.

Outside the GMZ | B-915M, B-916M, B-918M, B-926L, B-927M, B-931L

Chloride concentrations at these monitoring wells ranged from 1.9 mg/L (B-931L) to 68 mg/L (B-915M) and are within the range of historical results at these locations. We note that concentrations at B-927M and B-931L were on the lower end of this range, only slightly higher than the July 2023 background concentration and lower than the April 2023 background concentration.

Nitrate

Nitrate exceeded the background concentration (2.6 mg/L) at only one location (B-918U, outside the GMZ) in July 2023 monitoring. The nitrate concentration at B-918U was 2.7 mg/L. The concentration detected at B-918U was below the AGQS (10 mg/L) and was within the range of recent and historical results at this location.

Total Kjeldahl Nitrogen (TKN)

TKN exceeded the background concentration (0.92 mg/L) at only one location (MW-803, inside the GMZ) in July 2023. At MW-803, TKN was detected at 2 mg/L (1.9 mg/L in the duplicate). The concentration was within the range of recent and historical results at this location.

3.1.4.4 Per- and Polyfluoroalkyl Substances (PFAS)

Samples for PFAS analysis were collected from 19 monitoring wells at the site in July 2023; results are summarized below.

• **PFOA:**

- Generally consistent with 2022 results, PFOA was detected at 11 of the 19 sampling locations (B-304UR, B-304DR, MW-604, MW-701, MW-802, B-915U, B-915M, B-918M, B-919U, B-928U and B-928D), at concentrations ranging from 3.39 ng/l (MW-802) to 91.4 ng/l (B-304DR).
- PFOA concentrations at four locations (B-304UR, B-304DR, B-919U and B-928U) exceeded the AGQS (12 ng/l) in July 2023.
- The concentrations detected at B-304DR and B-928D (9.17 ng/l) represented new maximum concentrations at those locations. The PFOA concentration at B-304DR increased from 41.1 ng/l in July 2022, to 63.4 ng/l in April 2023, and to 91.4 ng/l in July 2023. As discussed below, PFHxS also indicated a maximum concentration at B-304DR in July 2023. Other analytes at B-304DR did not show similar increases. 1,4-dioxane



concentrations at B-304DR have generally been consistent, ranging from 0.41 to 0.51 ug/l during that same time. Of the PFAS analytes detected at the B-928 wells, only PFOA at B-928D indicated a slight increasing trend (9.17 ng/l in July vs 8.49 ng/l in November 2022).

- **PFOS** was detected in July 2023 at only two locations: MW-604 at 5.72 ng/l and MW-701 at 2.76 ng/l, below the AGQS of 15 ng/l. The detection at MW-604 represented a first-time detection of PFOS at that location.
- **PFHxS** was detected at four locations (B-304UR, B-304DR, MW-802 and B-919U) with one detection above the PFHxS AGQS (18 ng/l) at B-304DR (23.9 ng/l). The PFHxS concentration at B-304DR in July 2023 represented a new maximum concentration (increased from previous maximum of 21.2 ng/l in July 2022).
- **PFNA** was detected at one location (B-919U) in July 2023 at a concentration of 2.8 ng/l, below the AGQS (11 ng/l). This represented a first-time detection at this location.

Concentrations of PFOS and PFNA in July 2023 were within the range of previous detected concentrations.

One or more non-AGQS-regulated PFAS analytes were detected at 11 of the 19 monitoring wells sampled for PFAS at the site in July 2023. Detections of non-AGQS-regulated PFAS were limited to seven analytes: PFBA, PFPeA, PFHxA, PFHpA, PFBS, PFPeS and 6:2 FTS (full analyte names are indicated on Table D.1). The PFAS record for many site wells is relatively limited and is not yet sufficiently long to identify “typical” variability in concentrations; however, new maxima for three non-AGQS-regulated PFAS analytes were recorded at three locations in July 2023:

- B-304DR: 6:2FTS, PFPeS (initial detection; refer to Exhibit 3)
- B-915M: PFBS (initial detection; refer to Exhibit 3)
- MW-604: PFBS (initial detection; refer to Exhibit 3)

3.2 Surface Water Results

In July 2023, VOCs were not detected in surface water samples, and the surface water results were generally consistent with previous sampling events (refer to Table B.3 and Appendix C.3). A summary of the iron and manganese results at S-108, S-109, and SF-1 is provided below:

- The total iron concentrations at S-108 (2.3 mg/L) and SF-1 (8.8 mg/L), both were within the range of historical results. Consistent with typical previous results, total iron concentrations at SF-1 and S-108 exceeded the SMCL for iron (0.3 mg/L) in July 2023.
- The total manganese concentrations at S-108 (2 mg/L), S-109 (0.41 mg/L), and SF-1 (0.85 mg/L) were within the range of historical results at these respective locations. Total manganese concentrations at all three locations were above the AGQS (0.3 mg/L).

Iron and manganese concentrations measured in the Ammonoosuc River samples in July 2023 monitoring indicate comparable conditions in the upstream and downstream sampling locations, and do not indicate material impact to the River's surface water quality in the vicinity of the site. The iron and manganese concentrations in the Ammonoosuc River samples in July 2023 were below the respective SMCLs and AGQS.

4.0 2023 SUMMARY OF WATER QUALITY FINDINGS

This section provides a summary of groundwater quality results from the 2023 reporting period (November 2022 through July 2023, inclusive). Time series plots of specific analytes are included in Appendix C.

4.1 Groundwater Results

4.1.1 VOCs

Of the 43 permit monitoring wells, two SSI wells, and six replacement wells sampled for VOCs during the reporting period (i.e., those locations sampled one or more times between November 2022 and July 2023), VOCs were detected in groundwater samples from five wells: B-304UR (1,4-dioxane only), B-304DR (1,4-dioxane and DCDFM), B-927M (DCDFM only), MW-701 (1,4-dioxane only), and B-928D (1,4-dioxane only).

Consistent with previous results, VOC detections for these wells continue to be limited to 1,4-dioxane and DCDFM. 1,4-dioxane concentrations at B-304DR were typically above the AGQS (0.32 µg/L) in this reporting period, while concentrations at B-304UR and B-928D only exceeded the AGQS in one round each (November 2022). Detected DCDFM concentrations have been well below the AGQS of 1,000 µg/L.

The VOC detections are summarized below:

- **B-304UR:** 1,4-dioxane was detected once at 0.38 µg/L (November 2022), and then was not detected in April 2023 or July 2023.
- **B-304DR:** 1,4-dioxane concentrations indicated a slight overall increase from 0.43 µg/L (November 2022) to 0.5 µg/L (April 2023) and 0.51 µg/L (July 2023). DCDFM was detected once in this reporting period at a concentration of 2.1 µg/L (primary; 2.2 µg/L in duplicate) in April 2023.
- **B-927M:** DCDFM was detected at 10 µg/L in November 2022 and 13 µg/L in April 2023, at the lower range of concentrations since this well was first sampled in November 2017.
- **MW-701:** 1,4-dioxane was detected once at 0.25 µg/L (equal to the laboratory reporting limit) in July 2023. This detection was within the range of historical results at this location.
- **B-928D:** 1,4-dioxane concentrations indicated an overall decrease from 0.71 µg/L (November 2022) to 0.26 µg/L (April 2023) and non-detect (<0.25 µg/L) (July 2023).



4.1.2 PFAS

Samples for PFAS analysis in this reporting period were collected from 31 monitoring wells (Refer to Table 1 and Appendix D). Generally consistent with previous results, PFAS detections in this reporting period were dominated by short-chain carboxylic acids (primarily PFBA, PFPeA, PFHxA, PFHpA, and PFOA) and the sulfonic acid (PFBS). In addition, low-level PFNA was detected at B-918M and B-919U, PFOS was detected at MW-701, MW-604 and B-918M, and PFHxS was detected at B-102S, B-304UR, B-304DR, MW-802 B-918M, and B-919U. These results were generally consistent with previous results, with the exception of PFHxS at B-304DR which appears to indicate an increasing trend. PFPeS, FOSA, and 6:2FTS were detected sporadically in this reporting period at two locations: B-304DR (PFPeS and 6:2FTS) and MW-701 (FOSA).

As indicated in Appendix D, of the four NH-regulated PFAS analytes, only PFOA and PFHxS exceeded their AGQS in one or more samples in this reporting period. PFOA was detected at 13 of the 31 sampling locations (B-102S [decommissioned], B-304UR, B-304DR, MW-604, MW-701, MW-802, B-914L [decommissioned], B-915U, M-915M, B-918M, B-919U, B-928U, and B-928D), at concentrations ranging from 3.39 ng/l (MW-802) to 91.4 ng/l (B-304DR). Concentrations at B-304UR, B-304DR, B-914L (decommissioned), B-918M, B-919U, and B-928U exceeded the PFOA AGQS (12 ng/l) in one or more sampling events during the current reporting period. PFHxS was detected at six locations (B-102S [decommissioned], B-304UR, B-304DR, MW-802, B-918M and B-919U) in one or more sampling events in the current reporting period, all at concentrations below the AGQS (18 ng/l) except for the concentration recorded at B-304DR in November 2022 (18.8 ng/l) and July 2023 (23.9 ng/l) which were slightly above the AGQS. PFOS (AGQS of 15 ng/l) was detected at three locations (MW-604, MW-701 and B-918M) and PFNA (AGQS of 11 ng/l) was detected at only two locations (B-918M and B-919U) in this reporting period, at concentrations below their respective AGQS.

Results for the 21 non-AGQS-regulated PFAS compounds analyzed for during the annual reporting period are also included in Table D.1. Non-AGQS-regulated PFAS were detected at 13 of the 31 monitoring wells at the site during this reporting period. Detections of non-AGQS-regulated PFAS were limited to eight analytes: PFBA, PFPeA, PFHxA, PFHpA, PFBS, PFPeS, 6:2FTS, and FOSA at one or more wells. Where historical results were available for comparison, the results from this reporting period were consistent with previous results, with exception of initial detections in this reporting period of one or more of the following PFAS analytes (PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFNA, PFBS, PFOS, PFPeS, and 6:2FTS) at five monitoring wells (B-304DR, MW-604, B-914L, B-915M, and B-919U). We note that many of these initial detections were at B-914L which had not been analyzed for PFAS analytes prior to December 2022. B-914L was decommissioned in June 2023 as part of construction of the Stage VI Phase II landfill and nearby wells have not indicated similar results to the former B-914L. As discussed above in Section 3.1.4.4 and previous transmittals in this reporting period, initial detections of PFAS analytes continue to be tracked as the period of record for PFAS data at the site develops. Assessment monitoring including PFAS analytes continued at MW-701 and B-918M during this reporting period and is discussed in Section 4.2.

4.1.3 Semi-Volatile Organic Compounds

Consistent with the Permit, groundwater samples were not analyzed for SVOCs in July 2023. Samples were most recently analyzed for SVOCs in July 2020, (refer to Table B-2 for results). As part of the Stage VI Phase II Replacement Monitoring Well sampling, B-102S, B-102D, B-903U, B-903L, B-904U, B-904L, B-914U, B-914L, B-929U, B-929L, B-930U, B-930L, B-931U, and B-931L were sampled for SVOCs in November 2022 and March 2023. As previously discussed in the Stage VI Phase II Replacement Monitoring Well Information reports, SVOCs were detected only in the sample collected from B-914U in March 2023; however, the sample 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 to evaluate the potential influence of suspended sediment on the SVOC results. SVOCs were not detected in the filtered sample collected at B-914U in April 2023 indicating that the SVOC detections in the March 2023 sample were inferred to be attributable to the influence of the suspended sediment in the sample.

4.1.4 Inorganic Parameters

4.1.4.1 General Water Quality Indicator Parameters

The values of specific conductance, pH, and temperature, and the concentration of COD at site monitoring locations relative to background values at upgradient monitoring wells serve as general indicators of impacts to water quality. Refer to Table 1 for a comparison of the current monitoring period indicator parameter results to background, including an inferred context for background exceedances. In general, the following observations are noted:

- **Temperature:** As shown in Appendix A.2, average temperature at background locations has generally increased over the period of record. The increase in average temperature in background wells is more readily observed in the April and November data, where the average temperatures prior to 2010 were commonly below 6°C; since 2010, average temperatures were largely (for November) or essentially always (for April) above 6°C. Minimum temperatures have generally increased through this period, while maximum temperatures have been similar or less than values before 2010.

Note on the temperature figure in Appendix A.2, historically, the number of background wells available for calculating the average temperature has varied and some of the high “average” values are based on only one well; therefore, the representativeness of these apparent “maximum” values is limited. Also, historical, now-decommissioned background monitoring wells were generally closer to the limit of the landfill liner than the current background wells, which is inferred to have contributed to some of the elevated historical temperatures (i.e., values greater than 15°C). Lined landfill areas and impervious surfaces in general are inferred to increase groundwater temperature through indirect contact with groundwater (thermal diffusion resulting in general heating of the subsurface) and locally reduced groundwater recharge. Changing climatic conditions such as increasing average



annual temperatures documented in and predicted for New Hampshire^{5, 6} may also drive increases in groundwater temperatures. Therefore, temperature is observed to exceed background values and be increasing in downgradient locations as a result of localized processes, while climatic trends may influence both downgradient and upgradient “background” wells, and changes in temperature alone is not indicative of a liner release.

- **pH:** pH values below the range of background values at locations downgradient of/adjacent to the landfill are inferred to reflect proximity to the lined landfill and effects of the capped area on downgradient soil and groundwater conditions. Together with other water quality data collected from these wells, the lowered pH values are not indicative of a release from the lined facility. Elevated pH historically recorded at B-916D is inferred to reflect the grout used in monitoring well construction and is not indicative of a release. At locations with background exceedances, strong trends in pH were not observed.
- **Specific Conductance:** Locations with exceedances for the current (July 2023) specific conductance background (greater than 160 $\mu\text{S}/\text{cm}$) or the previous (November 2022) background (greater than 186 $\mu\text{S}/\text{cm}$) in the current reporting period include:

Outside the GMZ	B-915M, B-916M, B-918U/M, B-926U/L, B-927U, MW-701
Inside the GMZ	B-103S, B-304UR/DR, MW-604, MW-802/803, B-928U/D

As indicated above, many of these wells are located outside the GMZ, generally northwest of the landfill, and are screened at intermediate and deep intervals. These intermediate and deep wells sporadically indicate anthropogenic influence (e.g., sporadic detection of VOCs and PFAS), possibly 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, and together with other water quality data collected from these wells, the elevated specific conductance values are not indicative of a release from the lined facility.

- **COD:** Locations with exceedances of current (July 2023) COD background (15 mg/l) or the previous (November 2022) background (20 mg/l) in one or more events in the current monitoring period include:

Outside the GMZ	B-914U/L, B-927M
Inside the GMZ	MW-803, B-102S

⁵ NHDES. 2009. The New Hampshire Climate Action Plan A Plan for New Hampshire’s Energy, Environmental and Economic Development Future.

<https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/r-ard-09-1.pdf>

⁶ Wake, C.P., Keeley, C., Burakowski, E.A., Wilkinson, P., Hayhoe, K., Stoner, A., and J. LaBrance. 2014. Climate Change in Northern New Hampshire: Past, Present and Future. The Sustainability Institute.

<https://scholars.unh.edu/cgi/viewcontent.cgi?article=1001&context=sustainability>



The COD concentrations at these five wells were within the range of recent results, with the exception of B-914L, which indicated an initial exceedance of background in December 2022 at a concentration of 21 mg/L. This result was not repeated in the March 2023 sample collected from the same location (non-detect).

4.1.4.2 Metals

Arsenic, Manganese, and Iron

Consistent with previous results, arsenic and manganese were detected at concentrations exceeding their respective AGQS at several locations, typically within the GMZ, and iron was detected at several locations above the SMCL, most frequently at locations within the GMZ. As indicated in previous annual reports, the well locations where elevated concentrations of metals (arsenic, manganese, iron) have typically been observed are consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions. These conditions act to mobilize naturally-occurring metals such as iron, manganese, and arsenic, resulting in elevated concentrations of these metals in groundwater. These effects thus represent longer-term geochemical changes in groundwater chemistry that are less responsive to unlined landfill removal (e.g., as compared to the VOC concentrations detected at the same monitoring locations).

A summary of inorganic parameters, including metals, for groundwater samples is provided in Tables 1 and B.2.

Other Metals

In addition to the above-referenced metals (arsenic, manganese and iron), the samples collected in July 2023 from select permit-specified Groundwater Management Wells (B103S and B-103D) were analyzed for the additional metals barium, cadmium, chromium, and lead, and samples from select permit-specified Release Detection Wells (refer to Table 1 for results) were analyzed for antimony, barium, beryllium, cadmium, chromium, lead, nickel, silver, and thallium. In addition, several of the Release Detection Wells, and the six replacement wells, were sampled more than once during the reporting period and analyzed for the full list of metals. Of these metals, barium, chromium, lead, and nickel were detected above laboratory reporting limits during the reporting period.

- **Barium:** The current background barium concentration (0.025 mg/l) was exceeded at five locations inside the GMZ (MW-802, MW-803, B-304DR, B-102S [decommissioned], and MW-604) and five locations outside the GMZ (B-904L [decommissioned], B-914L [decommissioned], B-927U, B-927M, and B-915M) in this reporting period. Concentrations inside the GMZ ranged from 0.026 mg/l (B-304DR, July 2023) to 0.12 mg/l (B-102S, December 2022) and concentrations outside the GMZ ranged from 0.027 mg/l (B-915M, July 2023) to 0.05 mg/L (B-914L, December 2022). Barium concentrations at these locations were within the range of historical values with the exceptions of B-904L (0.048 mg/l in December 2022; this location had only been sampled once previously for barium [non-



detect]), and B-927M (0.041 mg/l in July 2023 compared with the previous max of 0.031 mg/l in November 2017) and the concentrations were well below the AGQS of 2 mg/l.

- **Chromium:** The current (July 2023) background chromium concentration (0.0017 mg/l) or previous (April 2023) background concentration (0.0014 mg/l) was exceeded at two locations outside the GMZ in the reporting period: B-917U (0.0025 mg/l, July 2023) and B-930U (0.0019 mg/l, March 2023; 0.0018 mg/l, July 2023). The detections at B-930U represented only the second and third samples analyzed for chromium from this location (well installed in October 2022). The chromium concentration detected at B-917U represents a new maximum concentration for this location; however, the concentration is well below the AGQS of 0.1 mg/l.
- **Lead:** The current background lead concentration (<0.001 mg/l) was exceeded at one location outside the GMZ: B-904L at a concentration of 0.0032 mg/L, well below the AGQS of 0.015 mg/l. This detection was not repeated in March 2023 and B-904L has since been decommissioned.
- **Nickel:** The current background nickel concentration (0.0027 mg/l) was exceeded at three locations inside the GMZ and one location outside the GMZ in the reporting period including B-927M (outside GMZ), MW-802, MW-803, and B-304DR at concentrations ranging from 0.0028 mg/l (MW-802) to 0.014 mg/l (B-304DR). The concentrations were well below the AGQS of 0.1 mg/l.

4.1.4.3 Bromide

Beginning with the operation of Stage II in approximately 1996, bromide was applied to the waste placed in the Stage II and Stage III landfill cells (which are located in areas that are within [Stage II] or upgradient from [Stage III] the footprint of the former unlined landfill) as a tracer to aid in differentiation of groundwater quality impacts associated with the plume from the former unlined landfill from potential impacts due to potential releases from the lined Stage II and III areas. At that time, the unlined landfill plume was characterized by the presence of elevated concentrations of VOCs in groundwater, as well as other apparent constituents of leachate. Thus, the on-going presence of these VOCs in groundwater in the absence of bromide would be consistent with the pre-existing unlined landfill plume; whereas detection of a different set of VOCs, or an increase in VOC concentrations, with the detection of bromide could potentially be evidence of a new leachate release. Following completion of the unlined landfill waste re-location project, VOC concentrations in groundwater in the area of the former unlined landfill plume diminished substantially; hence, with the concurrence of NHDES, NCES terminated adding bromide to landfilled waste in approximately 2006.

As noted in our prior annual reports, low concentrations of bromide have historically been detected in the groundwater samples from the site monitoring wells, with concentrations generally ranging from approximately 0.1 to 0.4 mg/l. These concentrations are consistent with those observed in site groundwater prior to the application of bromide in Stage II, which began in 1996, and thus were historically considered to represent an overall background



concentration for bromide in site groundwater (refer to wells B-102S/D and B-103S/D in Table B.2). This range of bromide concentrations provided the basis for development of background concentrations (0.4 mg/l for wells inside the GMZ; 0.1 mg/l for wells outside the GMZ).

Note that there is no AGQS or federal drinking water MCL for bromide because of its essentially benign nature at trace concentrations.

Locations indicating background exceedances of bromide in at least one sampling event in the current reporting year were as follows:

Outside the GMZ	B-918U, B-926U
Inside the GMZ	None

The bromide concentration at both wells remained similar from April to July 2023, as discussed in Section 3.1.4.3. Given the absence of detections of other parameters which indicate might a release, the modest exceedances of the bromide background at B-918U and B-926U are inferred to represent residual concentrations related to historical concentrations or natural variability.

4.1.4.4 Chloride

As indicated on Table 1 and discussed in Appendix A.1, locations indicating exceedances of the current chloride background [1.8 mg/l] (and sometimes also specific conductance) are typically in one of three categories, discussed below. The background value for chloride changed from 4 mg/L in November 2022 to 1.8 mg/L in April 2023.

1. Shallow locations near roadways or downgradient of roadways (both inside and outside of the GMZ): inferred to be in part or in whole related to vehicle traffic and associated soil disturbance.

Outside the GMZ	MW-603, MW-701, B-915U, B-916U, B-918U, B-926U, B-927U, B-931U
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2. Certain wells within the GMZ: chloride detections are consistent with residual water quality effects related to the former unlined landfill. Deeper intervals may also indicate elevated chloride concentrations within the GMZ. A list of locations is below:

Inside the GMZ	B-103S, B-103D, B-304UR, B-304DR, MW-604, MW-801 (decommissioned), MW-802, MW-803, B-919U, B-919M, B-928U, B-928D
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Chloride concentrations at these locations ranged from 1.9 mg/L (B-103D July 2023) to 37 mg/L (B-304DR November 2022 and April 2023) and were generally within the range of recent results. Chloride concentrations at non-permit SSI wells B-928U and B-928D were generally consistent or decreasing since monitoring began at these locations in September



2021. Other locations outside the GMZ (listed above) with elevated chloride concentrations have been identified in previous sampling events (Refer to Table 1).

3. Intermediate and deep wells outside the GMZ, generally northwest of the landfill: periodically or consistently elevated chloride (and sometimes also specific conductance), may indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs related to earthwork associated with previous phases of landfill development). Screened intervals are inferred to be completed at depths/locations representative of longer flow paths and/or 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.

Outside the GMZ | B-915M, B-916M, B-918M, B-926L, B-927M, B-931L

Chloride concentrations at these monitoring wells ranged from 1.9 mg/L (B-931L, July 2023) to 68 mg/L (B-915M, July 2023) and are within the range of historical results at these locations. We note that concentrations at B-927M and B-931L were on the lower end of this range, slightly higher than the July 2023 background concentration and lower than the April 2023 background concentration.

4.1.4.5 Nitrate

All nitrate results from the current reporting period were below the AGQS of 10 mg/l, in the range of not detected (<0.5 mg/l) to 4.1 mg/l (B-918U, April 2023). As indicated on Tables 1 and B.2, nitrate concentrations were generally below the current (July 2023) background concentration (2.6 mg/l), except for B-918U, outside the GMZ, which indicated concentrations ranging from 1.2 mg/L (November 2022) to 4.1 mg/L (April 2023). Concentrations above background (2.6 mg/L) were recorded in April and July (2.7 mg/L). Nitrate concentrations at B-918U were generally similar to values recorded between 2017 and 2022.

4.1.4.6 Total Kjeldahl Nitrogen (TKN)

A summary of TKN concentrations in groundwater is provided in Tables 1 and B.2. TKN concentrations were generally below the background concentration (0.92 mg/l; there is no AGQS for TKN), with the exception of MW-803. TKN concentrations at MW-803 ranged from 1.7 mg/l in November 2022 and April 2023 (duplicate sample) to 2 mg/l in November 2022 (duplicate sample) and July 2023. TKN concentrations at MW-803 were generally similar to values recorded between 2017 and 2022.

4.1.5 Evaluation of Grafton County Precipitation Conditions

As indicated on NHDES' 2022 Drought Updates and Resources website⁷, drought conditions persisted in Grafton County in summer 2022, and conditions in the county and elsewhere in northern New Hampshire were generally drier than average from mid-2020 through early January 2023. To compile data to serve as a resource for documenting drought conditions in the area and provide a context for evaluating the potential influence on water quality results, we

⁷ <https://www.des.nh.gov/node/42491>

have included information from Grafton County available from the U.S. Drought Monitor⁸. In addition, average daily flows recorded at the USGS Ammonoosuc River gauge were reviewed to assess basin-wide conditions. Refer to Appendix G for data plots.

A summary of Grafton County drought conditions relative to the timing of the tri-annual sampling events is provided below:

- **November 2022:** From early February 2022 to early April 2022, approximately 80-85% of Grafton County was classified as abnormally dry by the U.S. Drought Monitor. By the third week of April, the abnormally dry conditions in Grafton County had eased compared to earlier in 2022. By the end of May 2022 and continuing through mid-June 2022, no drought conditions were noted in the county. Beginning in late June 2022, dry conditions returned and through late September 100% of the 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 November when the samples discussed herein were collected, conditions in approximately 30 to 50% of the county were rated abnormally dry.
- **April 2023:** From October 2022 through early January 2023, conditions in approximately 30 to 50% of Grafton 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.
- **July 2023:** From mid-January 2023 through late May, no drought conditions were noted in the county. The July 2023 event was performed approximately four weeks after the end of a three-week period (late May to mid-June) when approximately 5% of the county indicated abnormally dry conditions.

USGS Ammonoosuc River gauge indicated that average daily flows in the Ammonoosuc River at the time of sample collection in November 2022 were at the lower end of the range of flows recorded in the previous five years, and the week leading up to the April 2023 sampling event was generally at the mid-to-high end of flows for the previous five years. From mid-April to late June the average daily flow was similar to the previous five years, with the exception of several weeks in mid-May which were lower than the previous five years. The average daily flows in the several weeks leading up to the July 2023 sampling event were generally at the high end of flows for the previous five years.

4.2 Assessment Monitoring – MW-701 and B-918M

Consistent with the Release Detection Monitoring required by NHDES in the October 21, 2019 letter, Assessment Monitoring was performed at monitoring wells MW-701 and B- 918M due to reoccurring detections of PFAS compounds at these locations. MW-701 and B-918M were each

⁸ <https://droughtmonitor.unl.edu/DmData/DataDownload/ComprehensiveStatistics.aspx>



sampled four times in this reporting period and VOCs (including 1,4-dioxane) were not detected at these two locations and PFAS concentrations were within the range of previous results.

Sulfate was required by NHDES in the October 21, 2019 letter to be analyzed in the MW-701 and B-918M samples. As indicated in Exhibit 6 below, the sulfate results from MW-701 and B-918M during the current reporting period were within the range of previous values and well below the GW-1/AGQS (500 mg/l). Because sulfate is not a parameter required in the Permit, a background value has not been established for this parameter.

Exhibit 6
Summary of Sulfate Results (mg/l)

Location	Date	Sulfate
GW-1 (AGQS)		500
SMCL		250
MW-701	11/04/19	24
MW-701	01/07/20	34
MW-701	04/20/20	52
MW-701	07/15/20	38
MW-701	11/02/20	32
MW-701	01/13/21	32
MW-701	04/19/21	54
MW-701	07/06/21	48
MW-701	11/01/21	31
MW-701	01/06/22	31
MW-701	04/18/22	20
MW-701	07/12/22	22
MW-701	11/2/22	18
MW-701	1/4/23	21
MW-701	4/19/23	17
MW-701	7/12/23	21
B-918M	11/04/19	12
B-918M	01/07/20	12
B-918M	04/20/20	13
B-918M	07/15/20	12
B-918M	11/02/20	13
B-918M	01/13/21	13
B-918M	04/19/21	13
B-918M	07/06/21	13
B-918M	11/02/21	14
B-918M	01/06/22	14
B-918M	04/18/22	13
B-918M	07/12/22	14
B-918M	11/2/22	13



Location	Date	Sulfate
GW-1 (AGQS)		500
SMCL		250
B-918M	1/4/23	13
B-918M	4/19/23	13
B-918M	7/11/23	12

PFAS detections at MW-701 and B-918M are summarized on the plot in Appendix D.2, and are discussed below.

- MW-701:** As indicated on the tables and charts in Appendix D, the concentrations of individual PFAS analytes in MW-701 in the current reporting period were within the range of results from the previous PFAS sampling events at this location dating back to April 2018. Total PFAS concentrations (sum of detected analytes), and total regulated PFAS concentrations (sum of PFOA, PFOS, PFNA, PFHxS) at MW-701 remained well below their historical maximum values (both measured in July 2018).
- B-918M:** As indicated on the tables and charts in Appendix D, the concentrations of individual PFAS analytes in B-918M in the current reporting period were within the range of results from the previous PFAS sampling events at this location dating back to July 2018. Multiple analytes which were consistently detected between July 2018 and July 2022 (PFBA, PFNA, PFBS, PFHxS, and PFOS) decreased in concentration to non-detect during this reporting period. Total PFAS concentrations, and total AGQS-regulated PFAS concentrations at B-918M remained well below their historical maximum values (both measured in July 2018).

4.3 IRA Groundwater Monitoring

The results from the IRA groundwater sampling in November 2022 were discussed in the January 5, 2023 IRA Water Quality Results report. The November 2022 results indicated overall attenuation of key analytes. Pursuant to NHDES' March 23, 2023 letter, IRA monitoring has been terminated.

4.4 Surface Water Results

Surface water sampling for the current monitoring period was performed at eight locations at the site. As shown on Table B.3, VOCs were not detected in surface water in the current reporting year. With the exception of manganese, as discussed below, no other AGQS exceedances were indicated in surface water samples in the current monitoring period.

Manganese was detected above the AGQS of 0.3 mg/l in the current report period in surface water samples SF-1 (0.53 mg/L in April 2023; 0.85 mg/L in July 2023), S-108 (2 mg/L in July 2023) and S-109 (0.41 mg/l in July 2023). The manganese concentrations at these locations were within the range of historical results. The detections at S-108 and S-109 were generally consistent with recent results, while the detection at SF-1 in July 2023 was the highest concentration recorded at that location since July 2006 (2.33 mg/l). The iron and manganese



concentrations at S-108 and S-109 in the last several years show a record of fluctuations, inferred to be related to natural conditions based on the absence of other release indicators at these locations.

Chloride, nitrate, and TKN concentrations at Seep S-1, SF-1, S-101, S-108 and S-109 in the current reporting period were generally consistent with recent concentrations at these locations. Chloride concentrations ranged from 1.1 mg/l (S-101 in July 2023) to 8.8 mg/l (SF-1 in July 2023). Nitrate concentrations were non-detect in the current reporting period with the exception of a detection at Seep S-1 in July 2023 of 0.51 mg/l, which is consistent with recent concentrations at this location. In the current reporting period, TKN was not detected in surface water.

Iron, manganese, and chloride concentrations measured in the Ammonoosuc River samples in this reporting period indicate comparable conditions in the upstream and downstream sampling locations, and do not indicate material impact to the River's surface water quality. The iron and manganese concentrations in the Ammonoosuc River samples for July 2023 were below the respective SMCLs and AGQS. Nitrate and TKN were not detected in Ammonoosuc River samples in this reporting period. COD was detected in samples AR-1 (16 mg/L, July 2023) and AR-3 (11 mg/L, July 2023), and were within the range of recent concentrations recorded at these locations.

5.0 CONCLUSIONS – SUMMARY OF 2023 WATER QUALITY

NCES has continued water quality monitoring at the site under the Groundwater Monitoring Permit with supplemental monitoring as discussed above in Section 1.0. As presented in prior Annual Reports, the record of water quality monitoring data developed over time at the site indicates that the leachate containment systems continue to function as designed. Residual impacts to groundwater from the former unlined landfill continue to diminish, and are currently evidenced largely by the inorganic parameters; and sporadic, low-level concentrations of VOCs at five monitoring wells (B-304UR, B-304DR, and B-928D, inside the GMZ, and B-927M and MW-701, outside the GMZ). Where identified outside the GMZ, limited groundwater impacts are consistent with historical conditions that have been corrected at the site, or to limited impacts related to site operations (e.g., pH, temperature, specific conductance, and chloride values compared to background conditions that do not have evidence indicating a release). The water quality results do not suggest a “new” or on-going release from the facility.

As described herein, the overall results for the current year's monitoring, including the most recent July 2023 data, indicate that groundwater concentrations were generally consistent with the recent years' findings and the conceptual model of hydrogeologic conditions at the Site. Where identified, exceedances of background conditions are well understood relative to site operations and historical landfill conditions, and are not considered to represent a significant change in site conditions.

The following specific observations are noted (VOCs and PFAS in groundwater are discussed first, then inorganic parameters for groundwater, and finally surface water):

5.1 Groundwater VOCs and PFAS

VOCs (1,4-dioxane and/or DCDFM) were detected at five locations during one or more sampling events in the current reporting period. 1,4-dioxane concentrations at B-304UR, B-304DR, and B-928D were above the AGQS (0.32 µg/L) during some of the sampling events in this reporting period while the 1,4-dioxane detection at MW-701 was below the AGQS and detected DCDFM concentrations at B-304DR and B-927M have been well below the AGQS of 1,000 µg/L.

Concentrations of AGQS-regulated PFAS compounds in the current reporting period were below AGQS values, with the exception of PFOA at six locations (B-304DR, B-304UR, B-914L [decommissioned], B-918M, B-919U, and B-928U) in one or more sampling events and, PFHxS at one location (B-304DR) in the November 2022 and July 2023 sampling events.

PFOA has been more frequently detected at the site than PFOS, PFNA, and PFHxS, which were only sporadically detected during the current reporting period. PFOS was detected at three locations (MW-604, MW-701 and B-918M) and PFNA was detected at only two locations (B-918M and B-919U) in this reporting period, all at concentrations below their respective AGQS. PFHxS was detected at six locations (B-102S [decommissioned], B-304UR, B-304DR, MW-802, B-918M, and B-919U) in one or more sampling events in the current reporting period, all at concentrations below the AGQS, except for the concentrations recorded at B-304DR.

Detections of PFAS and VOCs are only occasionally coincident in site groundwater. As examples, at B-304UR/B-304DR and B-928U/B-928D, where 1,4-dioxane concentrations have been detected in this reporting period, the concentrations of several PFAS analytes have also been detected. However, at B-927M, where DCDFM has historically been detected, only one PFAS analyte (FOSA) has been detected (one time at a J-qualified value in July 2020). Water quality trends in VOCs and PFAS in the B-304UR/B-304DR and B-928U/B-928D wells continue to be evaluated. For other monitoring wells, the VOC and PFAS results, together with other water quality results from the site, are not considered to be indicative of a new or on-going release from the landfill.

5.2 Groundwater Inorganic/Indicator Parameters

Where noted, exceedances of site background for indicator parameters are understood to be limited impacts related to site operations (e.g., pH, temperature, specific conductance, and chloride values compared to background conditions that do not have evidence indicating a release), or documented historical releases at the site (including the former unlined landfill), and the results do not indicate a new or ongoing release at the facility. The principal indicator parameters exceeding background are pH, temperature, specific conductance, and chloride.

As indicated in previous Annual Reports, the well locations where elevated concentrations of metals (arsenic, manganese, iron) have typically been observed are consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions, which result in elevated concentrations of these metals in groundwater.

AGQS exceedances for inorganic parameters in groundwater were limited to arsenic and manganese, and were generally recorded at wells nearby or downgradient from the former unlined landfill, and at two locations (MW-701 and B-926U – both manganese only) west-northwest of the landfill where elevated manganese concentrations have previously been documented.

- Arsenic concentrations exceeding the AGQS (0.005 mg/l), and therefore also the site background (0.00051 mg/l) in one or more sampling events in this reporting period were recorded at seven groundwater locations inside the GMZ (B-102D [decommissioned], B-103S, B-103D, MW-801 [decommissioned], MW-802, MW-803, and B-919M) and three groundwater locations outside the GMZ (B-903L [decommissioned], B-930L and B-927M). The background value for arsenic changed from 0.0011 mg/L in November 2022 to 0.00051 mg/L in April 2023. Arsenic concentrations in this reporting period were within the range of previous values with the exceptions of:
 - B-903L and B-904L (maximum concentrations detected in March 2023; only the third arsenic sample at these locations; both have been decommissioned),
 - B-919U in April 2023 (first time detection and background exceedance, but below AGQS),
 - B-931U first exceedance of site background in July 2023 (installed in October 2022) and
 - B-930L first detection and exceedance of the AGQS in December 2022 (installed in October 2022).
- Manganese concentrations exceeding the AGQS (0.3 mg/l), and therefore also the site background (0.067 mg/l) in one or more sampling events in this reporting period were recorded at nine groundwater locations inside the GMZ (B-102S [decommissioned], B-102D [decommissioned], B-103S, B-103D, B-304DR, MW-801 [decommissioned], MW-802, MW-803, and B-919M), and three locations outside the GMZ (B-904L [decommissioned], B-926U, and MW-701). Manganese concentrations were within the range of the prior monitoring results, with the limited exceptions of B-927M and MW-701 (period of record maximum in April 2023 at both) and B-904L (period of record maximum in December 2022).
- Iron concentrations exceeding the site background (0.41 mg/l), and therefore also the SMCL (0.3 mg/l) in one or more sampling events this reporting period were recorded at eight groundwater locations inside the GMZ (B-102S [decommissioned], B-102D [decommissioned], B-103S, B-103D, MW-801 [decommissioned], MW-802, MW-803, and B-919M). Two wells located outside the GMZ (B-904L [decommissioned] and B-927M) indicated exceedances of background for iron. With one exception at B-904L, iron concentrations were within the range of the prior monitoring results.

5.3 Surface Water

Surface water quality indicators and inorganic parameters were generally consistent with recent data. In this reporting period, VOCs were not detected in surface water samples.



Iron concentrations exceeding the SMCL (0.3 mg/l) were recorded at three surface water sampling locations (Seep-1, SF-1 and S-108) in one or more sampling events in the current reporting period; however, the iron concentrations at all the seep locations in this reporting period were well below historical maximum values.

Manganese concentrations exceeding the current AGQS (0.30 mg/l) were detected at three locations (SF-1, S-108 and S-109) in one or more sampling events in the current reporting period; however, the manganese concentrations at all the seep locations were well below historical maximum values.

Analytical results from Ammonoosuc River samples collected in this reporting period indicate comparable conditions in the upstream and downstream sampling locations, and do not indicate material impact to the River’s surface water quality. Concentrations in the Ammonoosuc River samples for this reporting period were below the respective SMCLs and AGQS.

6.0 SUPPLEMENTAL SITE INVESTIGATION INFORMATION

As indicated above in Section 1, SSI monitoring for monitoring wells B-928U, B-928D, B-304UR, B-304DR, MW-604, and MW-802 was performed in July 2023 pursuant to NHDES’ June 30, 2023 letter. Exhibit 7 below indicates the surface water sampling under the SSI program that will be completed and reported separately.

**Exhibit 7
Summary of July 2023 Tri-Annual and SSI Sampling**

Location	pH & Spec. Cond.	VOCs & 1,4-Dioxane	Bromide	Chloride/ Nitrate/ TKN/COD	Dissolved Metals	Total Metals	PFAS
					Fe/Mn/As/Ba/Cd/Cr/Pb/Sb/Be/Ni/Ag/Tl	Fe & Mn	
B-304UR	X	X	X	X	X	N/S	X
B-304DR	X	X	X	X	X		X
MW-604	X	X	X	X	X		X
MW-802	X	X	X	X	X		X
B-928U	X	X	X	X	X		X
B-928D	X	X	X	X	X		X
S-1	X	X	TBC	X	N/S		X
SF-1	X	X		X			
S-101	X	X		X			
S-108	X	X		X			
S-109	X	X		X			

Notes:
 Blue = Required in NHDES’ June 30 letter
 Yellow = Required in July GMP Program
 TBC = Sampling to be completed
 N/S = Sampling not required



7.0 CLOSING AND RECOMMENDATIONS

We trust that this report satisfies NHDES' requirements for the tri-annual July 2023 data transmittal, and 2023 annual summary of water quality monitoring results under the Permit.

SSI surface water sampling will be performed in August 2023. Consistent with the Permit, the next tri-annual water quality sampling event is scheduled for November 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.

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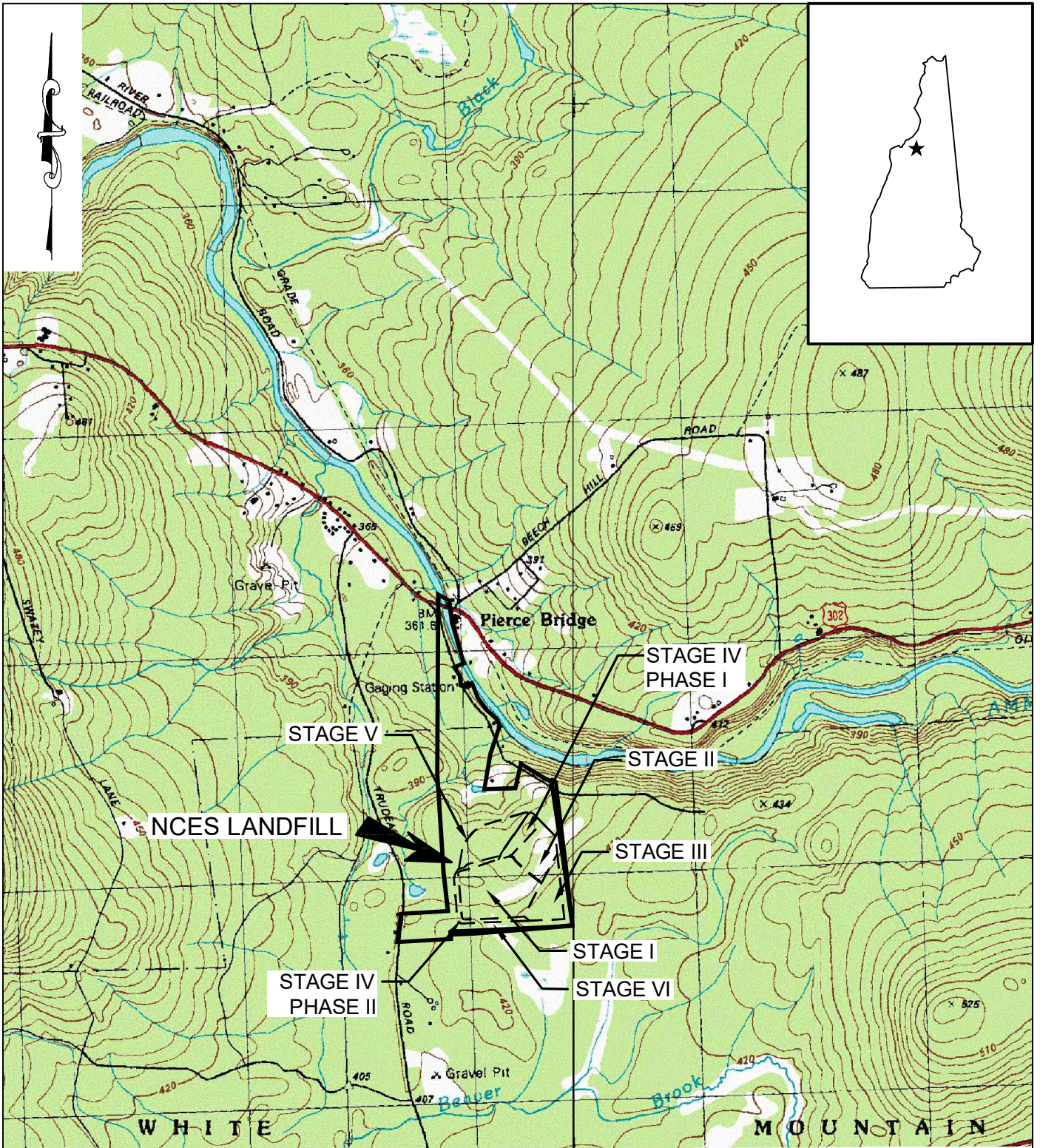


Figures

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 PLOT DATE: 7-27-23

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NOTES:

BASE MAP TAKEN FROM 7.5 MINUTE
 USGS QUADRANGLE MAP:
 BETHLEHEM, NEW HAMPSHIRE

NORTH COUNTRY ENVIRONMENTAL SERVICES INC.
 BETHLEHEM, NEW HAMPSHIRE

ANNUAL GROUNDWATER MONITORING REPORT
 LOCUS PLAN



SCALE: 1"=2000'	DRAWN BY: EMW	FILE NO. 2637.10
DATE: AUG 2023	CHECKED BY: TMW	FIGURE NO. 1

NOTES:

1. THE AERIAL IMAGERY WAS OBTAINED FROM A JUNE 2023 PHOTOGRAPH PROVIDED BY CMA ENGINEERS, INC.
2. TOPOGRAPHY INSIDE THE ACTIVE AREA WAS OBTAINED FROM AN JUNE 2023 SURVEY. OUTSIDE THE ACTIVE AREA, TOPOGRAPHY WAS OBTAINED FROM SURVEYS PERFORMED IN OCTOBER 2018 AND MAY 2021.
3. THE LIMITS OF THE GMZ ARE BASED ON AN OCTOBER 2017 PLAN PREPARED BY HORIZONS ENGINEERING, INC. ENTITLED "GROUND WATER MANAGEMENT ZONE PLAN FOR LANDS OF NORTH COUNTRY ENVIRONMENTAL SERVICES, INC. AND FOREST ACQUISITIONS, INC."

LEGEND:

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

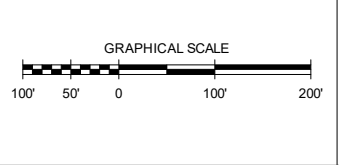


NOTES:

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 JULY 2023
- 1305 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE LESS CONSTRAINED)



Table

Appendix A

Background Groundwater Quality Information

Appendix A.1

Summary of Background Groundwater Quality Conditions

APPENDIX A.1

SUMMARY OF BACKGROUND GROUNDWATER CONDITIONS

On behalf of North Country Environmental Services, Inc. (NCES), Sanborn, Head & Associates, Inc. (Sanborn Head) prepared an assessment of site background groundwater conditions at the NCES Landfill (Site) in Bethlehem, New Hampshire pursuant to the Site Groundwater Management and Release Detection Permit GWP-198704033-B-007 (the Permit) issued by NHDES on April 12, 2018, and revised on October 19, 2018, and the requirements of Env-Or 700.

Development of Sitewide Background Concentrations

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

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

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

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

actions. Refer to the February 2009 Corrective Action Plan for additional information on historical corrective actions.

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

Category	Analytes
Maximum concentration in last 5 years of sampling	<ul style="list-style-type: none"> • Metals • Nitrate • TKN • Chloride • COD • Specific conductance
Fixed value	Bromide: <ul style="list-style-type: none"> • ≤0.1 mg/l for monitoring wells outside boundaries of GMZ, based on site historical information; • ≤0.4 mg/l for monitoring wells within boundaries of GMZ; based on data from 1996 and earlier.
Typical laboratory reporting limit (varies by analyte)	Analytes not typically detected in site background wells (based on typical laboratory reporting limits): <ul style="list-style-type: none"> • VOCs • PFAS
Typical period-of-record ranges	<ul style="list-style-type: none"> • pH • temperature <p>Note: pH and temperature have natural variability, and therefore the 5th and 95th percentiles were used to bound typical ranges for these values.</p>

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

Updates to Background Values – 2023 Reporting Period

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

- **pH:** The background range changed from 6.5 to 9.3 s.u. in November 2022 to 6.4 to 9.0 s.u. in April 2023.
- **Specific Conductance:** The background value changed from 186 µS/cm in November 2022 to 160 µS/cm in April 2023.
- **Temperature:** The background range changed from 5.6 to 13.5°C in November 2022 to 5.4 to 12.9°C in April 2023.

- **Chemical Oxygen Demand:** The background value changed from 20 mg/L in November 2022 to 15 mg/L in April 2023.
- **Chloride:** The background value changed from 4 mg/L in November 2022 to 1.8 mg/L in April 2023.
- **Arsenic:** The background value changed from 0.0011 mg/L in November 2022 to 0.00051 mg/L in April 2023.
- **Nitrate:** The background value changed from 2.5 mg/L in November 2022 to 2.6 mg/L in July 2023.
- **Iron:** The background value changed from 0.64 mg/L in November 2022 to 0.41 mg/L in July 2023.
- **Manganese:** The background value changed from 0.19 mg/L in November 2022 to 0.067 mg/L in July 2023.
- **Chromium:** The background value changed from 0.0014 mg/L in November 2022 to 0.0017 mg/L in July 2023.

Background Values and Groundwater Standards

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

- Background pH ranges from 6.4 to 9.0 s.u.; for reference, the USEPA SMCL ranges from 6.5 to 8.5 s.u., and;
- Background iron concentration is 0.41 milligrams per liter (mg/l); however, the USEPA SMCL for iron is 0.3 mg/l. There is no AGQS for iron.
- Background manganese concentration is 0.067 mg/l; which is below the AGQS (0.30 mg/l), but above the USEPA SMCL (0.05 mg/l).

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

Inferred Context for Sitewide Background Groundwater Concentration Exceedances

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

Therefore, to evaluate the context for exceedances of site groundwater background concentrations, we developed the following categories which describe generally similar groundwater quality conditions, based on a number of factors including: well depth, geologic conditions, well location on-site, current and historical site operations, and results from nearby

wells. These categories are summarized below and are indicated on Table 1. Consistent with the on-going evaluation of background conditions, these categories will be evaluated/refined as appropriate based on new data collected at the site.

Summary of Context for Sitewide Background Groundwater Quality Exceedances

<u>Category/ Location</u>	<u>Description</u>
General Conditions	
1	pH below site background downgradient of/adjacent to lined landfill; pH generally 5.6 to 6.4 s.u.
2	pH elevated due to grout used in monitoring well construction; grout may also result in elevated specific conductance.
3	Temperature above site background inferred to be related to location of well downgradient of/adjacent to lined landfill area; or temperature below background, typically recorded during colder months).
4	Periodically or consistently elevated concentrations of metals (typically, but not limited to naturally-occurring arsenic, manganese, iron) consistent with residual water quality effects related to the former unlined landfill, principally chemically-reducing conditions.
5	Periodically or consistently elevated chloride (and sometimes also specific conductance) primarily at shallow locations near or downgradient of roadways inferred to be in part or in whole related to road salting/vehicle traffic and associated soil disturbance. Deeper intervals may also indicate elevated chloride concentrations within the GMZ.
6	Periodically or consistently elevated chloride (and sometimes also specific conductance) at intermediate and deep wells outside the GMZ, and generally northwest of the landfill. These intermediate and deep wells sporadically indicate the presence of anthropogenic influence (e.g., sporadic detection of VOCs presumed to be related to earthwork associated with previous phases of landfill development), and are inferred to be completed in groundwater intervals representative of longer flow paths/travel times. As such, results from these monitoring wells are inferred to be representative of historical conditions which may no longer exist at the site.
7	Periodically or frequently detected COD consistent with residual water quality effects related to the former unlined landfill.
8	Periodically or frequently detected TKN consistent with residual water quality effects related to the former unlined landfill.
9	Shallow or intermediate well with sporadic nitrate detection; inferred to be related to hydroseeding, vegetation clearing, soil disturbance, or other site operations.
10	Low-level PFAS inside the GMZ related to the presence of the former unlined landfill.
11	Low-level detections of extended metals list analytes (primarily barium and chromium) at locations adjacent to/downgradient of lined landfill areas; inferred to be related to naturally-occurring metals in soil with concentrations possibly increased by mineral weathering related to earthwork associated with previous phases of landfill development.
Area-specific conditions	
B-927M	Well with a history of low-level DCDFM detections located proximate to the GMZ; previous results are consistent with residual impacts from the former unlined landfill and historical results from decommissioned predecessor well B-921M.
B-918M	Well located outside the GMZ north of the Stage I Landfill with a history of low-level PFAS and 1,4-dioxane detections. Results are consistent with residual impacts from the August 2006 leachate forcemain break, subsequently addressed as part of the Stage I Phase I Landfill Capping System Repair Project, completed in September 2009. Note: 1,4-dioxane was historically detected in former monitoring well B-913M (decommissioned) located generally upgradient of B-918M.
MW-701 B-915U	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

<u>Category/ Location</u>	<u>Description</u>
B-915M	Leachate Management Improvement Project (LMIP), completed in May 2009. Stage I leachate infrastructure was later re-constructed as part of Stage V construction 2014-2015.
MW-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.
B-304UR / B-304DR	Wells located in the GMZ downgradient of the former unlined landfill with a history of periodic low-level 1,4-dioxane detections and periodic elevated (above GMZ background) bromide and chloride detections; Results are consistent with residual water quality effects related to the former unlined landfill and earthwork that was performed upgradient of these wells in summer 2019 to remove old, unused landfill infrastructure.

Comparison to Background

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

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

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

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

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

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

TABLE A.1
 Calculation of Background Concentrations – Groundwater
 North Country Environmental Services, Inc.
 Bethlehem, New Hampshire
 Permit No. GWP-198704033-B-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-)	Dichloroethane (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	07-10-18																																			
B-923U	11-06-18	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<1	<1	<1	<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	<1	<1	<1	<1	<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	<1	<1	<1	<1	<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	<1	<1	<1	<1	<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	<1	<1	<1	<1	<1	<1	<0.5
B-923U	04-19-23																																			
B-923U	07-12-23																																			
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	<2	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<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	<2	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<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	<1	<1	<1	<1	<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	<1	<1	<1	<1	<1	<1	<0.5
B-924U	04-20-22																																			
B-924U	07-12-22																																			
B-924U	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	<1	<1	<1	<1	<1	<1	<0.5
B-924U	04-19-23																																			
B-924U	07-12-23																																			
B-924L	07-10-18	<10	<1	<1	<1	<0.5	<2	<2	<10	<1	<1	<1	<2	<1	<1	<2	<1	<2	<1	<1	<2	<0.02	<1	<2	<0.02	<1	<1	<1	<1	<1	<1	<1	<1	<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	<1	<1	<1	<1	<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																																	

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	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-923U	07-12-23																													
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-924U	07-12-23																													
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-924L	07-12-23																													
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	&																											

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 (EtFOFAA)	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOFAA)
GW-1 (AGQS)		NS	NS	NS	NS	NS	NS
SMCL		NS	NS	NS	NS	NS	NS
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-923U	07-12-23						
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-924U	07-12-23						
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-924L	07-12-23						
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-925U	07-12-23						
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-925L	07-12-23						
B-929U	11-02-22						
B-929U	12-01-22	<4	<4	<4	<20	<4	<4
B-929U	03-20-23	<4	<4	<4	<20	<4	<4
B-929U	04-19-23						
B-929U	07-12-23						
B-929L	11-02-22						
B-929L	12-01-22	<4	<4	<4	<20	<4	<4
B-929L	03-20-23	<4	<4	<4	<20	<4	<4
B-929L	04-19-23						
B-929L	07-12-23						
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							

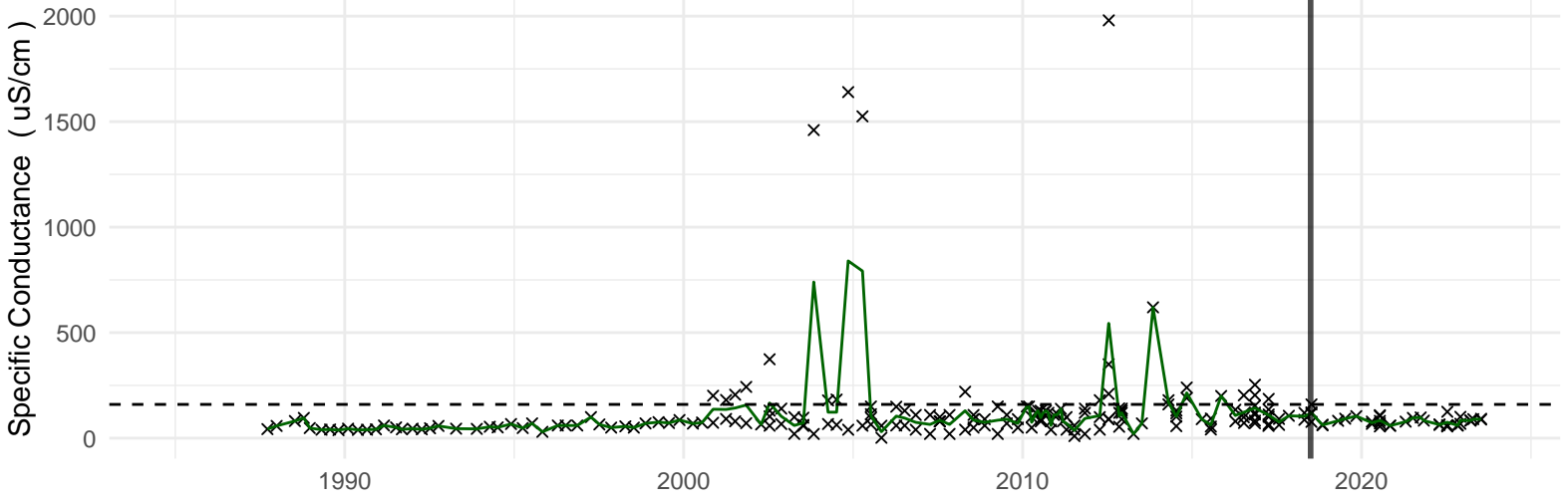
- Notes:
- Samples were collected by Sanborn Head on the dates indicated. Samples were analyzed by Eastern Analytical, Inc. (EAI) of Concord, New Hampshire. Field duplicate samples are indicated by "Dup."
 - pH is presented in standard units (s.u.), specific conductance is presented in microSiemens per 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).
 - "<" 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 (PFASs). All of the carbons are fluorinated.
 - "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.
 - 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.
 - Appendix A.1 includes a description of the assessment of background groundwater conditions at the NCES Landfill. Appendix A.1 also includes a discussion of the selection of monitoring wells used to develop background groundwater values, as well as the period of record used to identify background values for the current reporting period.

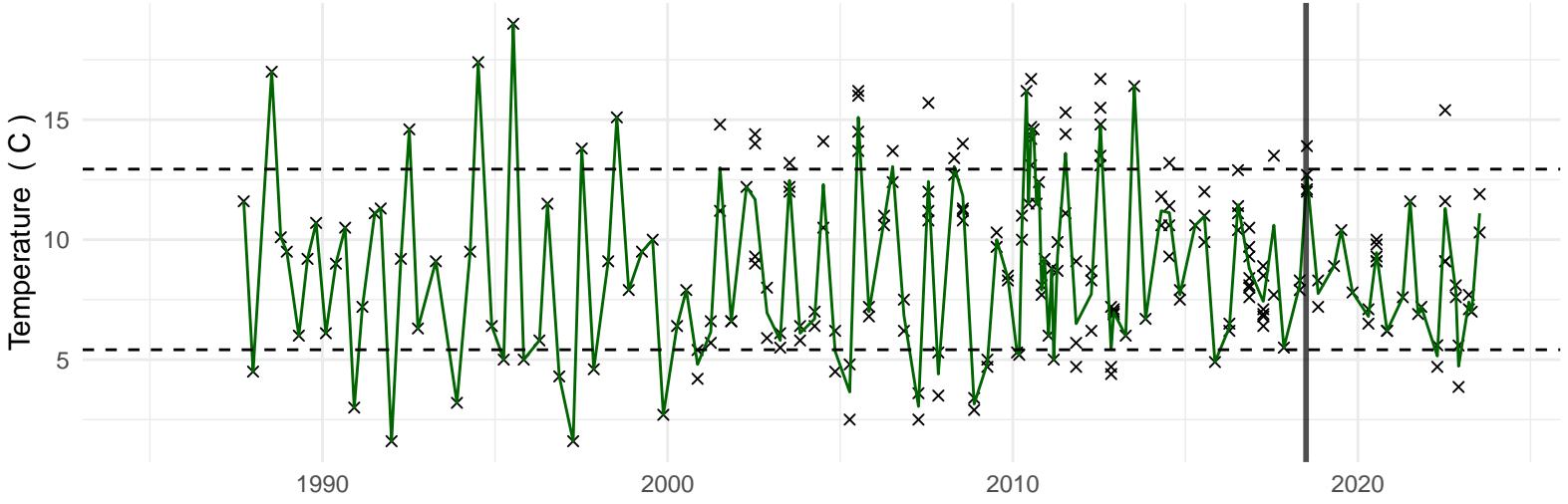
Appendix A.2

Site Background Groundwater Quality Time-Series Plots

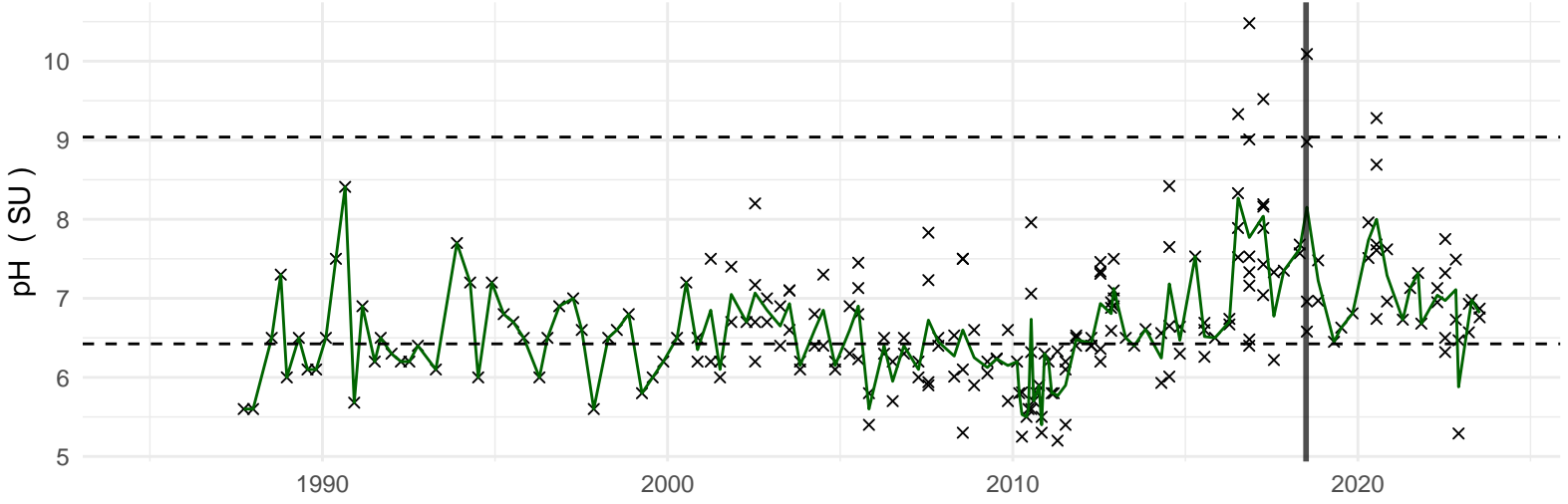
Specific Conductance



Temperature

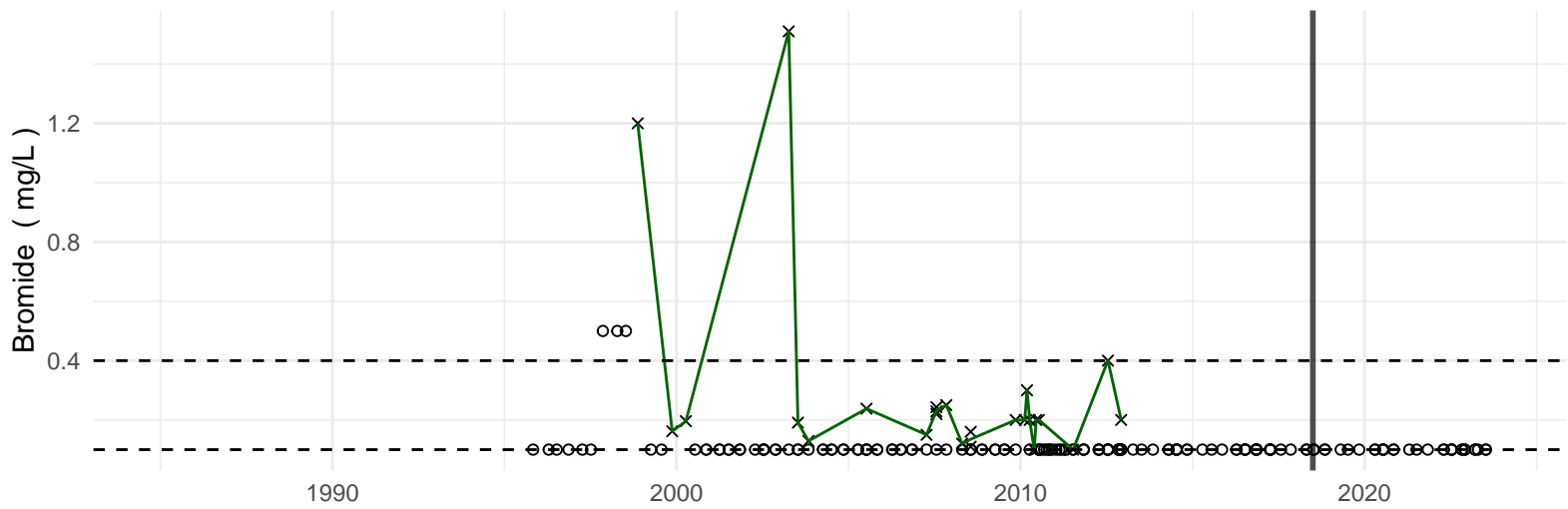


pH

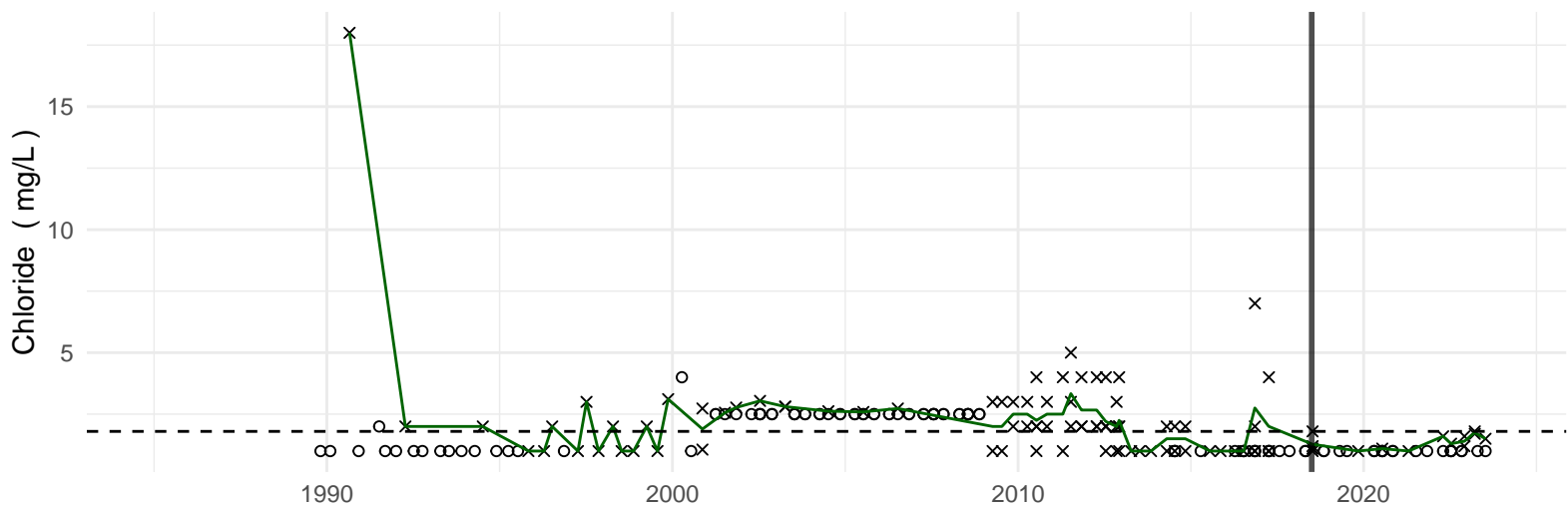


Start of Current Background Period - - Background Level O Non-Detect

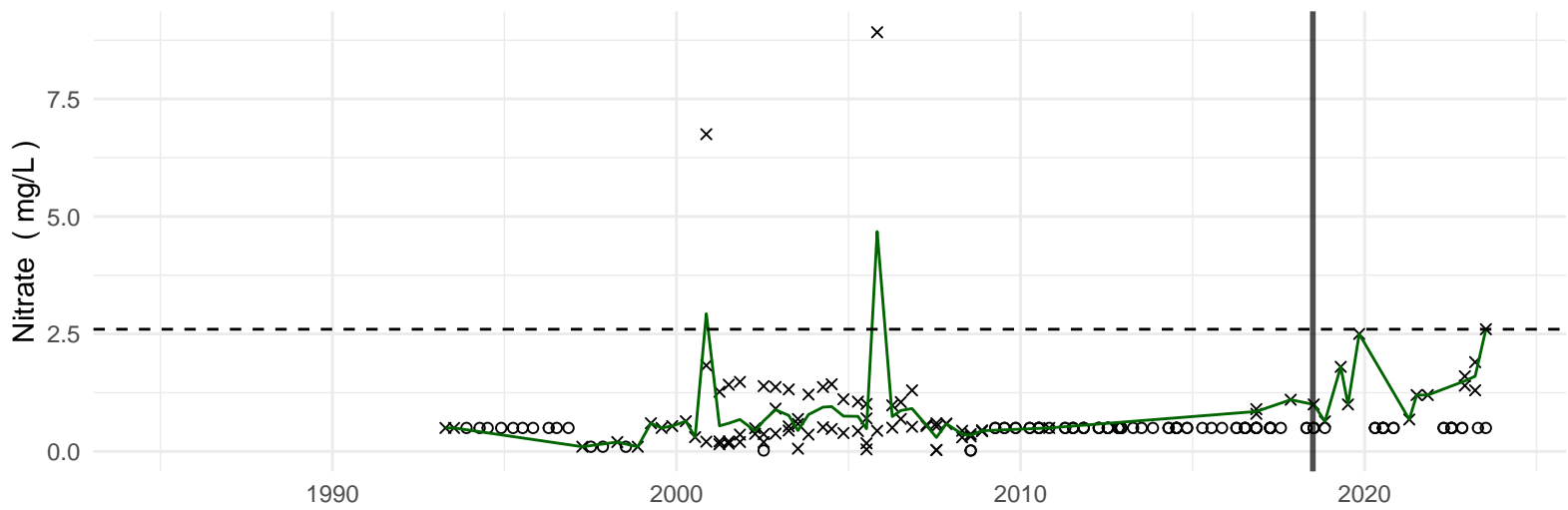
Bromide



Chloride

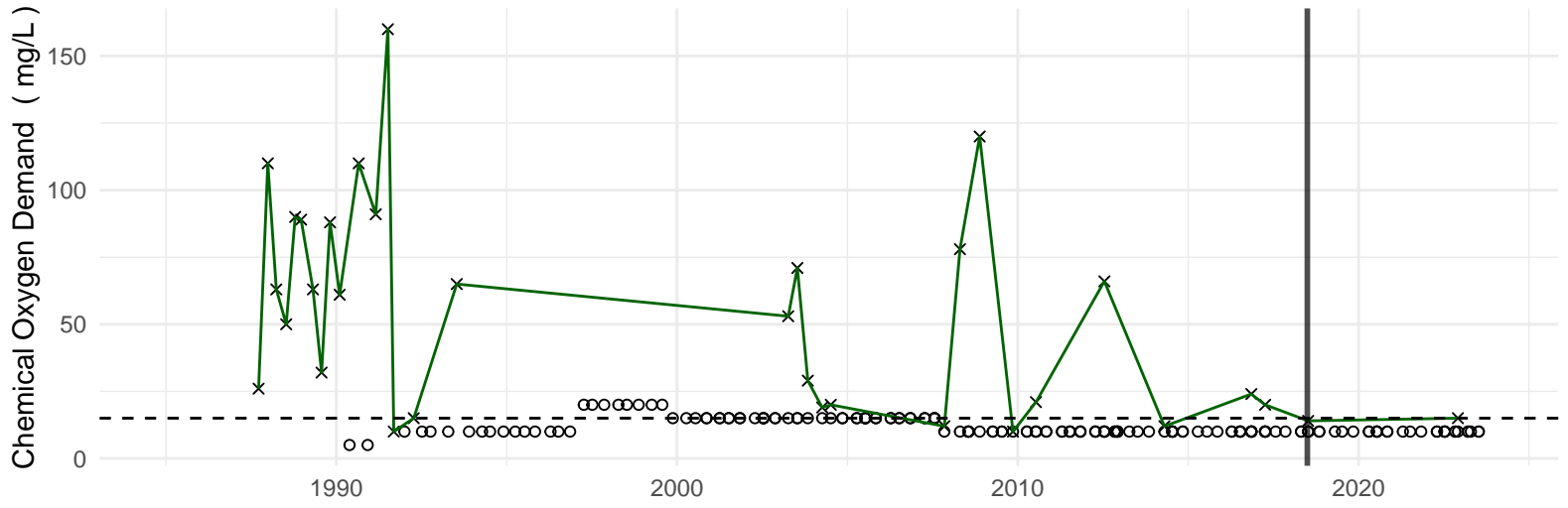


Nitrate

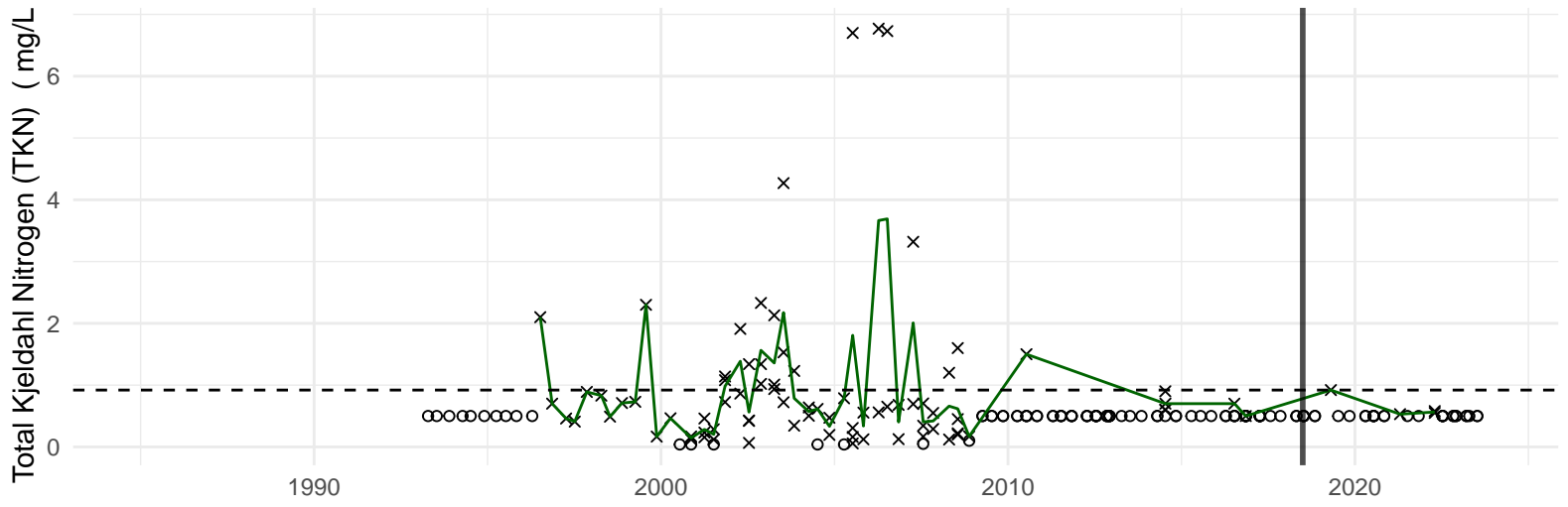


Start of Current Background Period - - Background Level o Non-Detect

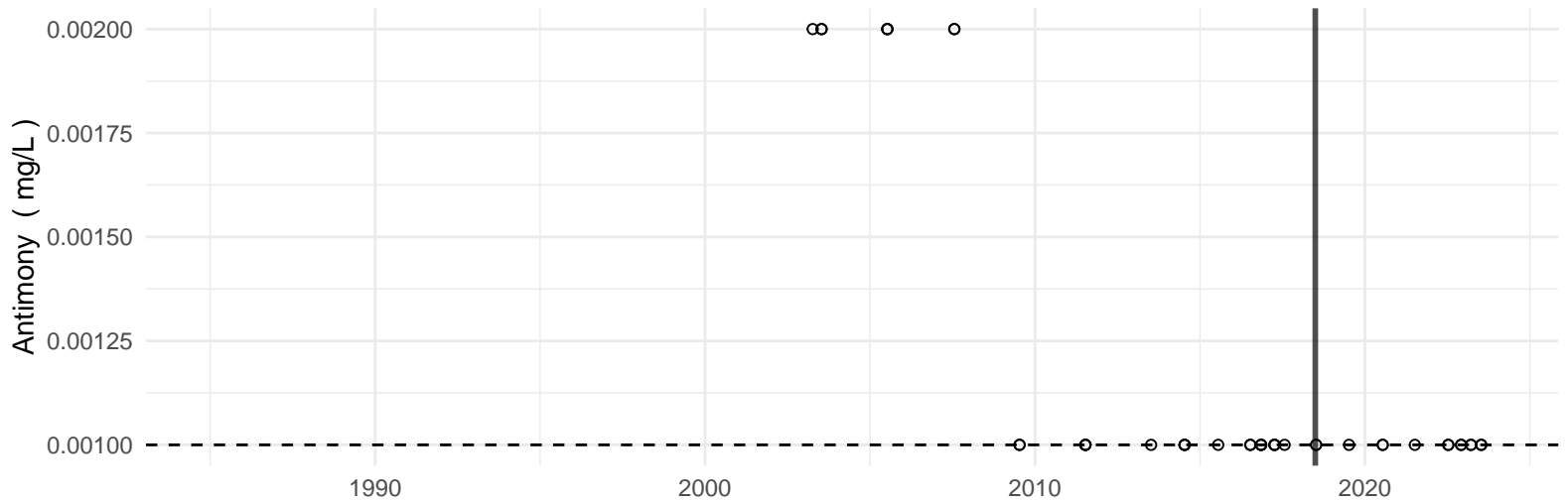
Chemical Oxygen Demand



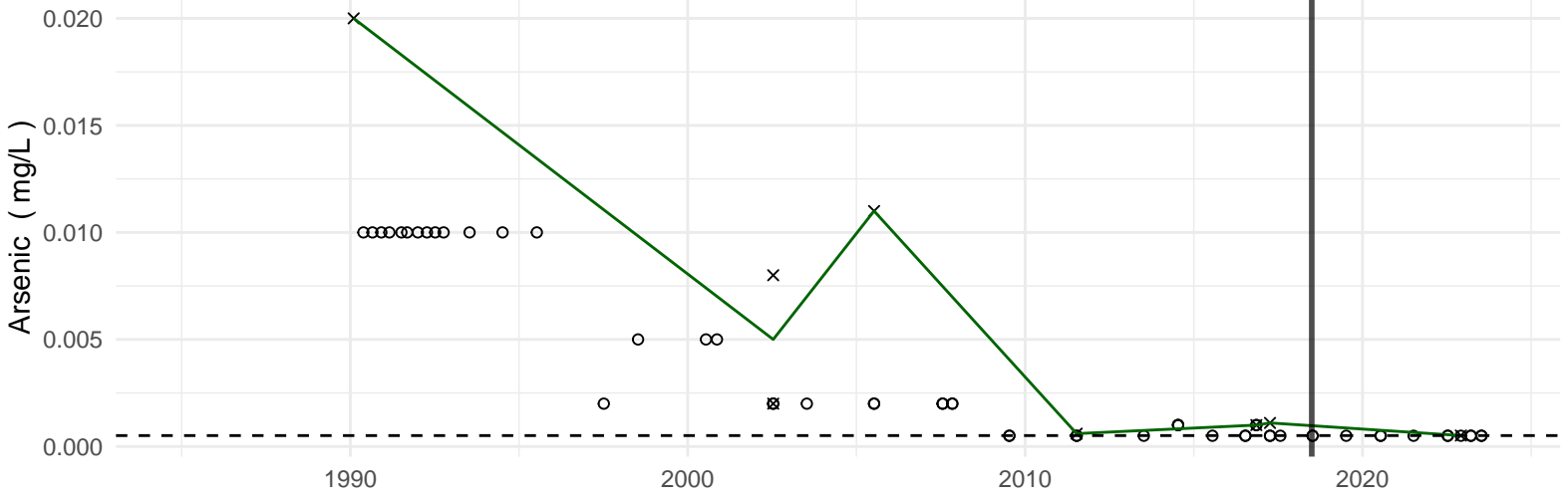
Total Kjeldahl Nitrogen (TKN)



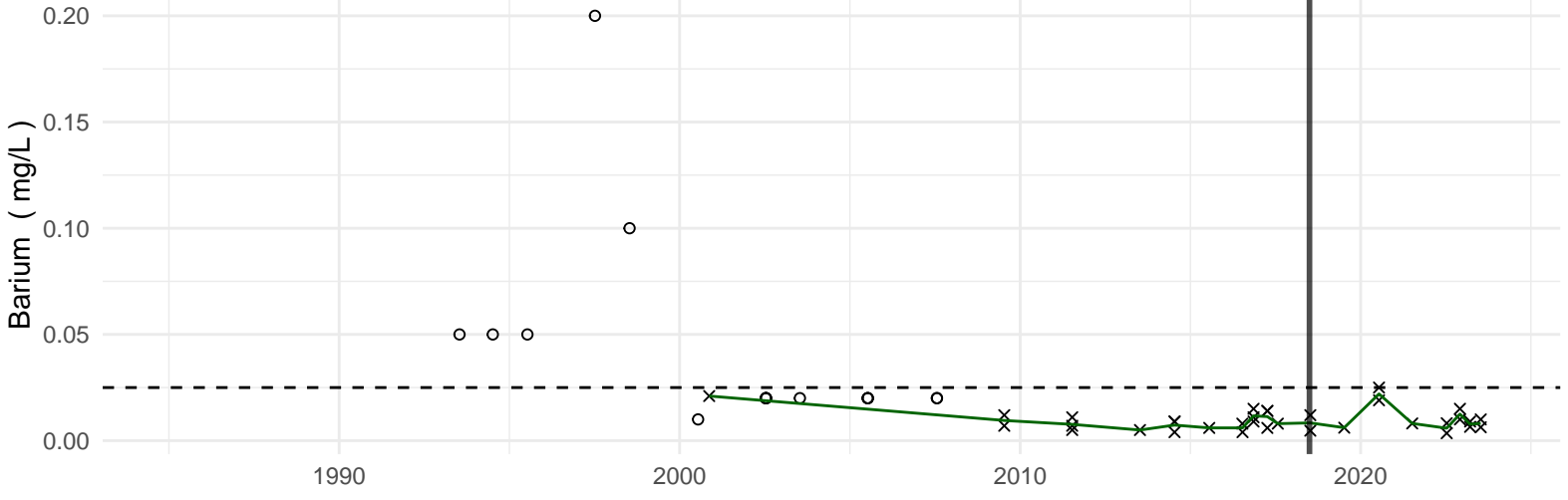
Antimony



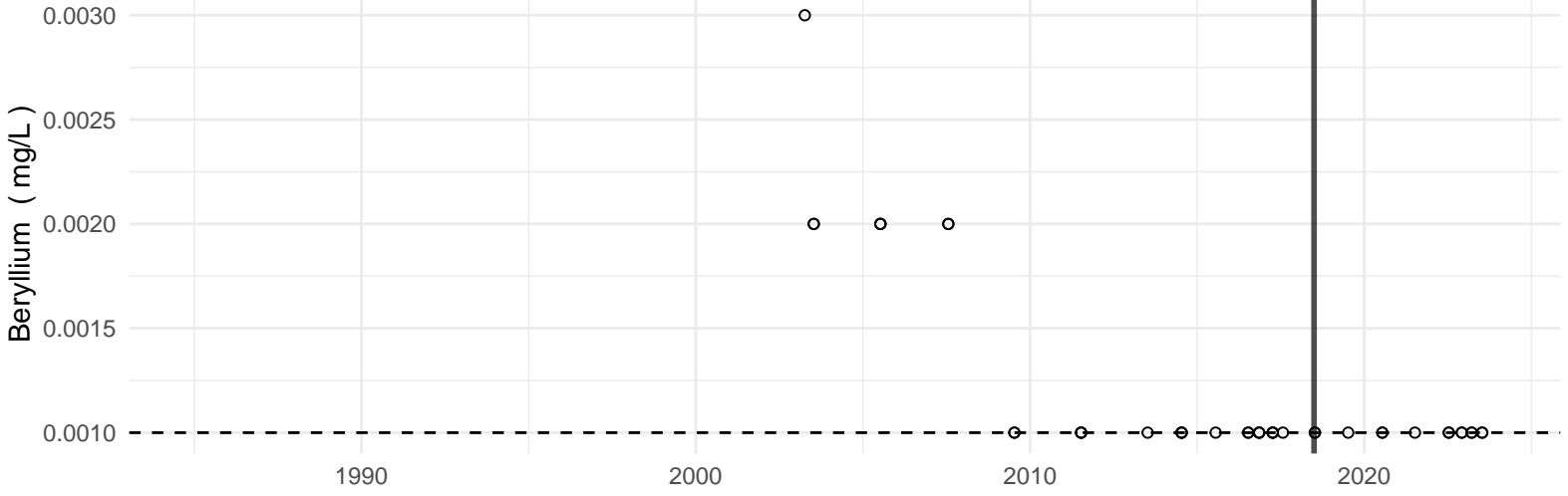
Arsenic



Barium



Beryllium

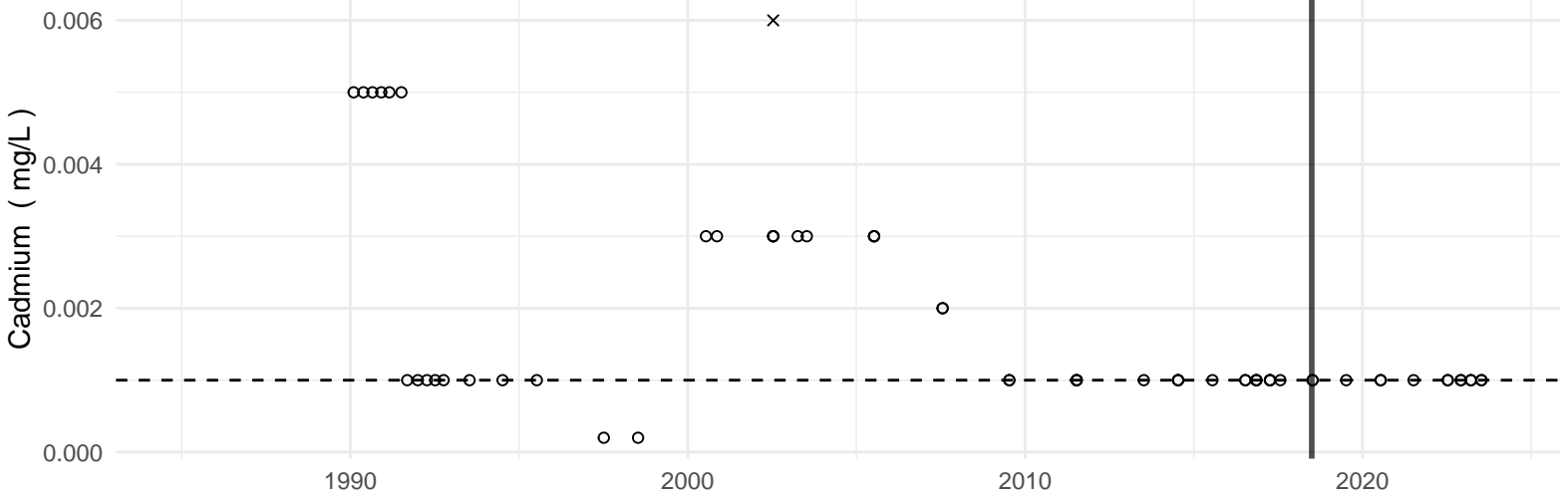


Start of Current Background Period

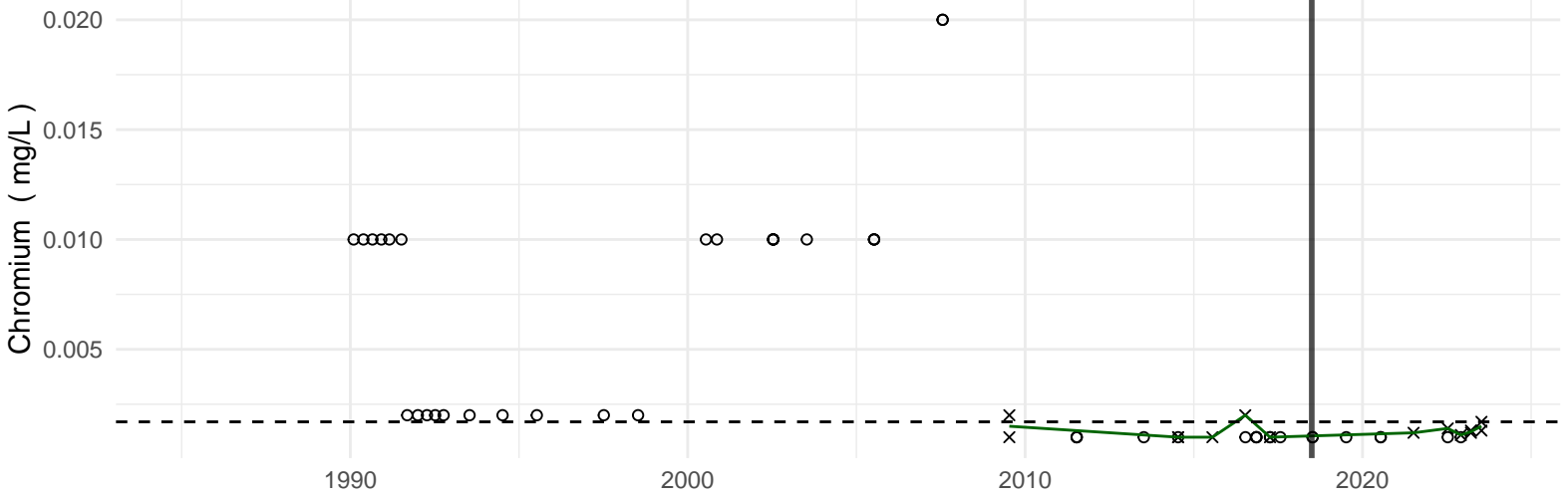
- - Background Level

○ Non-Detect

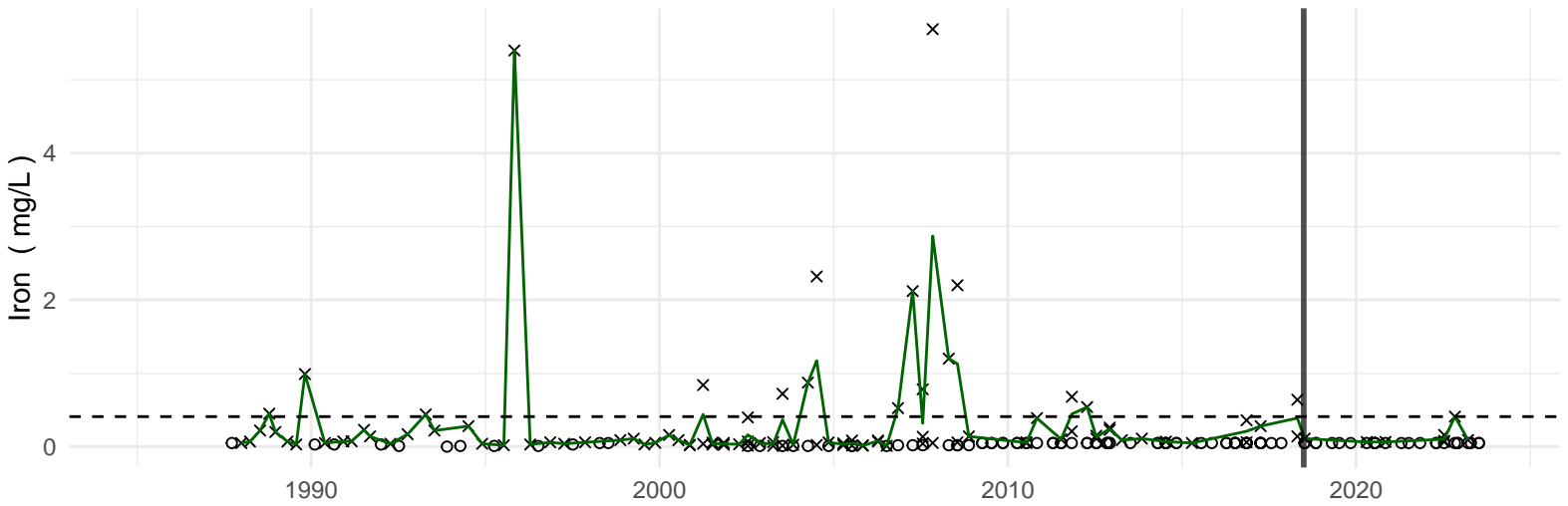
Cadmium



Chromium

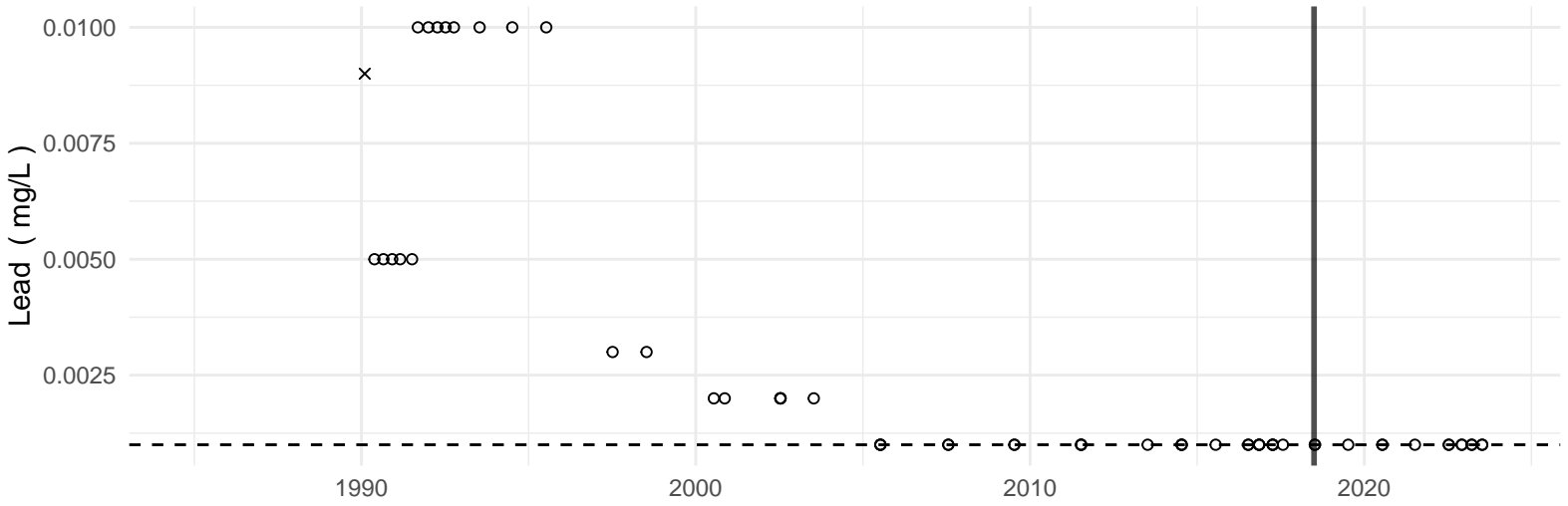


Iron

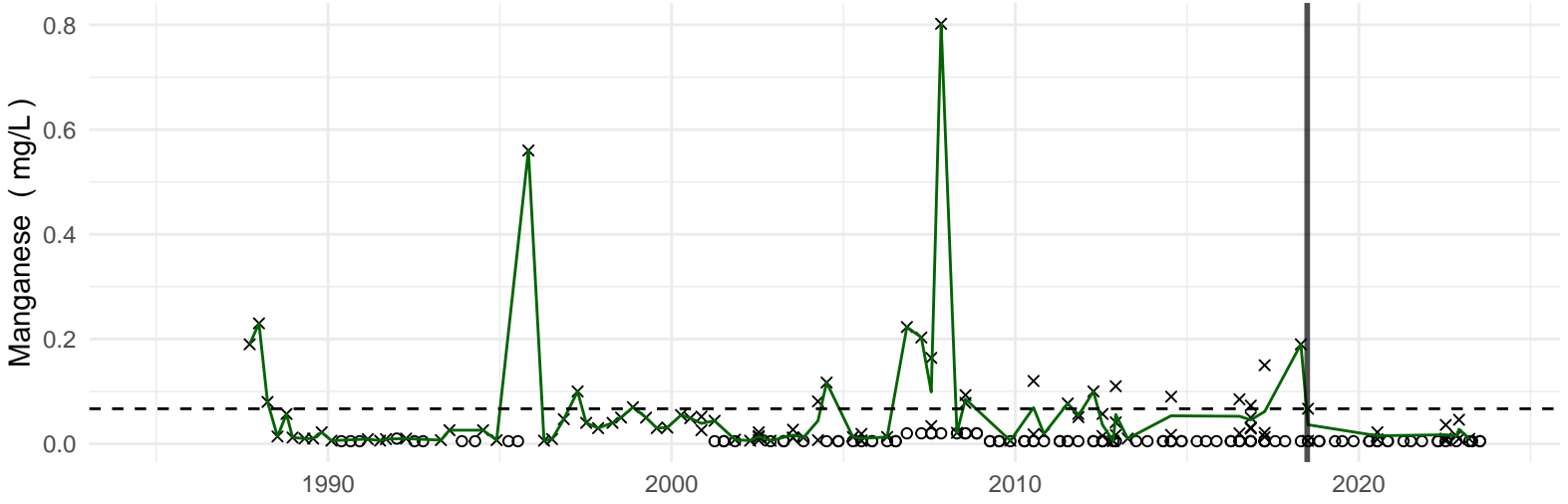


Start of Current Background Period - - Background Level ○ Non-Detect

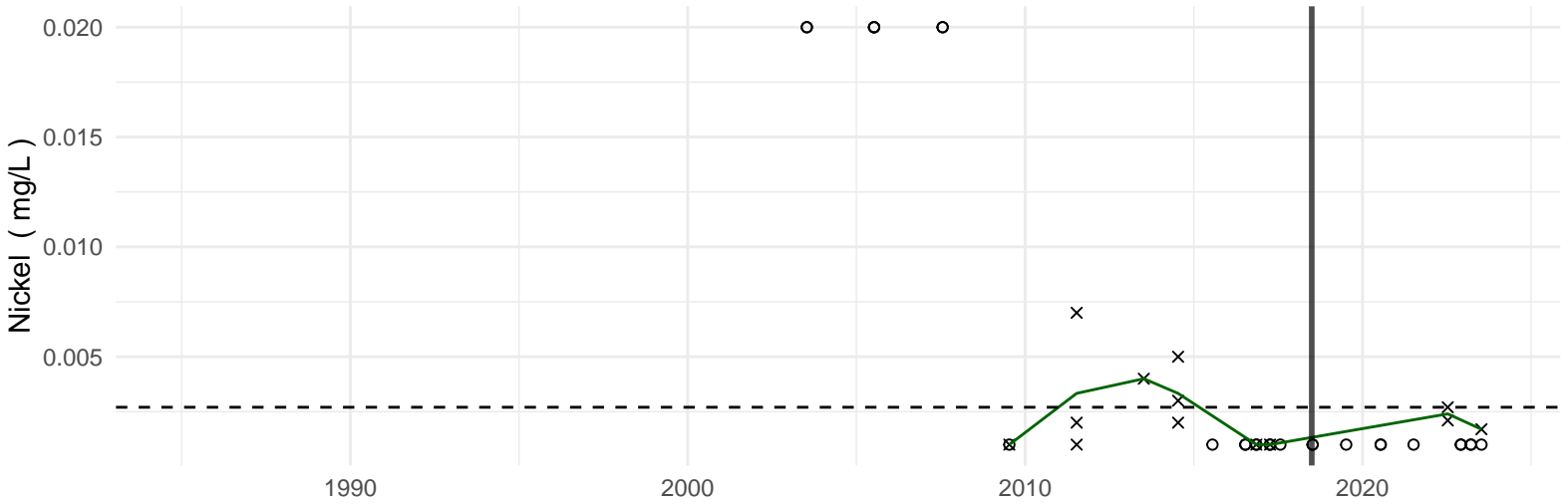
Lead



Manganese

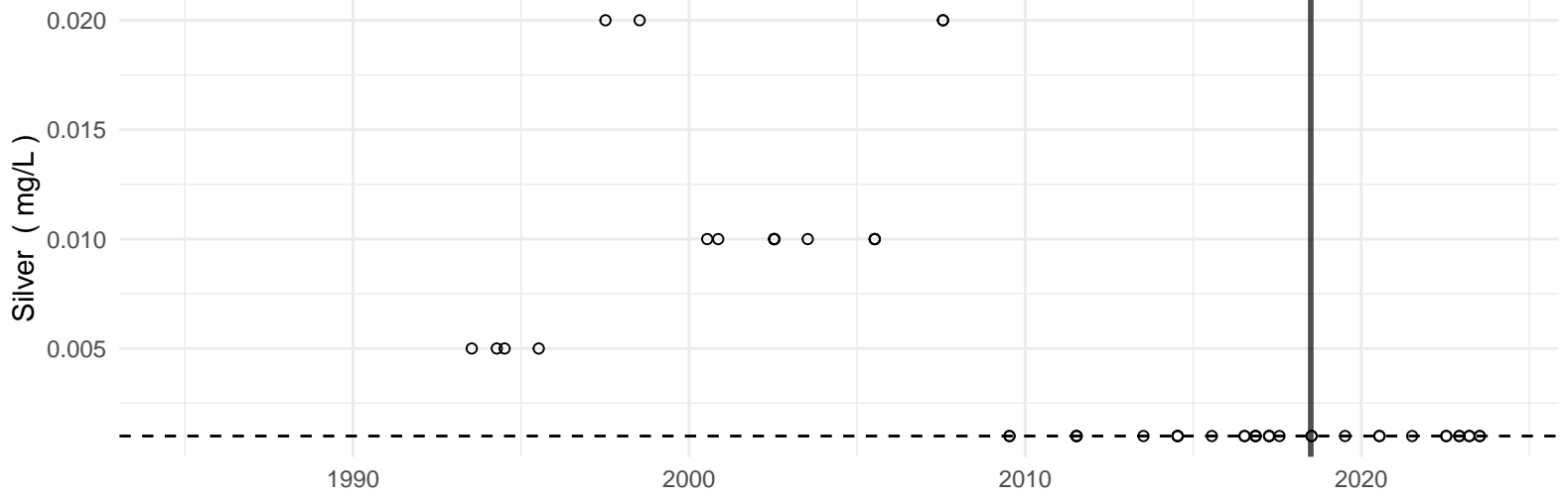


Nickel

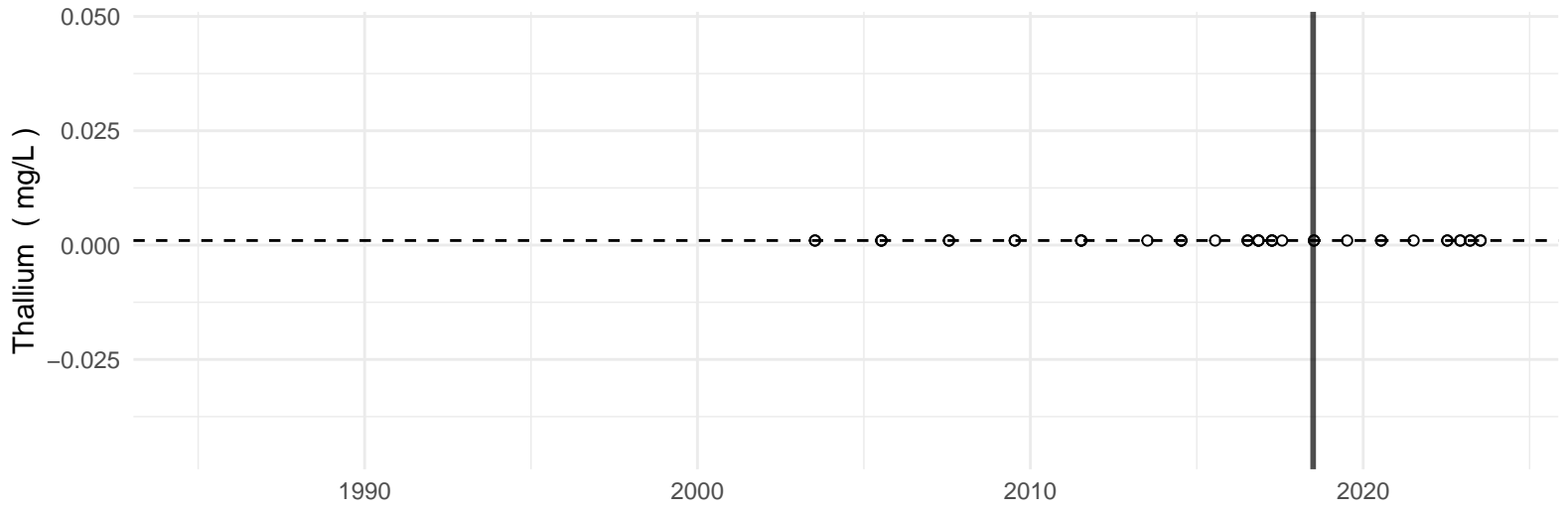


Start of Current Background Period - - Background Level o Non-Detect

Silver



Thallium



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 ($\mu\text{S}/\text{cm}$), and temperature is presented in degrees Celsius ($^{\circ}\text{C}$). 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 ($\mu\text{g}/\text{L}$) 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.



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
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

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	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
B-103S	12-03-2010	1357.64	TPVC	50.75	1306.89
B-103S	01-14-2011	1357.64	TPVC	50.74	1306.90
B-103S	02-17-2011	1357.64	TPVC	50.85	1306.79
B-103S	03-10-2011	1357.64	TPVC	50.86	1306.78
B-103S	04-18-2011	1357.64	TPVC	49.32	1308.32
B-103S	07-13-2011	1357.64	TPVC	50.10	1307.54
B-103S	11-02-2011	1357.64	TPVC	50.91	1306.73
B-103S	04-10-2012	1357.64	TPVC	52.15	1305.49
B-103S	07-16-2012	1357.64	TPVC	52.38	1305.26
B-103S	11-06-2012	1357.64	TPVC	52.71	1304.93
B-103S	04-10-2013	1357.64	TPVC	53.15	1304.49
B-103S	07-08-2013	1357.64	TPVC	52.57	1305.07
B-103S	11-07-2013	1357.64	TPVC	52.21	1305.43
B-103S	04-22-2014	1357.64	TPVC	51.68	1305.96
B-103S	07-14-2014	1357.64	TPVC	52.12	1305.52
B-103S	11-04-2014	1357.64	TPVC	52.54	1305.10
B-103S	04-13-2015	1357.64	TPVC	53.02	1304.62
B-103S	07-21-2015	1357.64	TPVC	52.98	1304.66
B-103S	11-10-2015	1357.64	TPVC	53.38	1304.26
B-103S	04-11-2016	1357.64	TPVC	53.55	1304.09
B-103S	07-11-2016	1357.64	TPVC	54.84	1302.80
B-103S	11-07-2016	1357.64	TPVC	53.97	1303.67
B-103S	04-04-2017	1357.64	TPVC	53.90	1303.74
B-103S	07-25-2017	1357.64	TPVC	53.53	1304.11
B-103S	11-08-2017	1357.64	TPVC	53.37	1304.27
B-103S	04-24-2018	1357.64	TPVC	53.33	1304.31
B-103S	07-11-2018	1357.64	TPVC	53.48	1304.16
B-103S	11-05-2018	1357.64	TPVC	53.85	1303.79
B-103S	04-23-2019	1357.64	TPVC	53.31	1304.33
B-103S	07-08-2019	1357.64	TPVC	53.33	1304.31
B-103S	11-05-2019	1357.64	TPVC	53.04	1304.60
B-103S	04-21-2020	1357.64	TPVC	52.61	1305.03
B-103S	07-15-2020	1357.64	TPVC	52.97	1304.67
B-103S	11-03-2020	1357.64	TPVC	53.24	1304.40
B-103S	04-20-2021	1357.64	TPVC	53.36	1304.28
B-103S	07-05-2021	1357.64	TPVC	53.79	1303.85
B-103S	09-29-2021	1357.64	TPVC	54.07	1303.57
B-103S	11-01-2021	1357.64	TPVC	54.27	1303.37
B-103S	02-22-2022	1357.64	TPVC	54.31	1303.33
B-103S	04-18-2022	1357.64	TPVC	54.18	1303.46
B-103S	04-20-2022	1357.64	TPVC	54.21	1303.43
B-103S	06-08-2022	1357.64	TPVC	54.34	1303.30
B-103S	07-11-2022	1357.64	TPVC	54.49	1303.15
B-103S	11-01-2022	1357.64	TPVC	54.79	1302.85
B-103S	04-18-2023	1357.64	TPVC	54.26	1303.38
B-103S	07-10-2023	1357.64	TPVC	53.98	1303.66
B-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

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	02-15-2010	1358.60	TPVC	53.06	1305.54
B-103D	03-10-2010	1358.60	TPVC	53.12	1305.48
B-103D	04-08-2010	1358.60	TPVC	52.77	1305.83
B-103D	05-26-2010	1358.60	TPVC	52.49	1306.11
B-103D	06-16-2010	1358.60	TPVC	52.49	1306.11
B-103D	07-12-2010	1358.60	TPVC	52.46	1306.14
B-103D	08-10-2010	1358.60	TPVC	52.26	1306.34
B-103D	09-08-2010	1358.60	TPVC	52.33	1306.27
B-103D	10-05-2010	1358.60	TPVC	52.25	1306.35
B-103D	11-01-2010	1358.60	TPVC	52.37	1306.23
B-103D	12-03-2010	1358.60	TPVC	52.29	1306.31
B-103D	01-14-2011	1358.60	TPVC	52.29	1306.31
B-103D	02-17-2011	1358.60	TPVC	52.40	1306.20
B-103D	03-10-2011	1358.60	TPVC	52.43	1306.17
B-103D	04-18-2011	1358.60	TPVC	51.32	1307.28
B-103D	07-13-2011	1358.60	TPVC	51.70	1306.90
B-103D	11-02-2011	1358.60	TPVC	52.55	1306.05
B-103D	04-10-2012	1358.60	TPVC	53.83	1304.77
B-103D	07-16-2012	1358.60	TPVC	53.93	1304.67
B-103D	11-06-2012	1358.60	TPVC	54.29	1304.31
B-103D	04-10-2013	1358.60	TPVC	54.66	1303.94
B-103D	07-08-2013	1358.60	TPVC	54.11	1304.49
B-103D	11-07-2013	1358.60	TPVC	53.65	1304.95
B-103D	04-22-2014	1358.35	TPVC	53.38	1304.97
B-103D	07-14-2014	1358.35	TPVC	53.47	1304.88
B-103D	11-04-2014	1358.35	TPVC	53.87	1304.48
B-103D	04-13-2015	1358.35	TPVC	54.03	1304.32
B-103D	07-21-2015	1358.35	TPVC	54.37	1303.98
B-103D	11-10-2015	1358.35	TPVC	54.69	1303.66
B-103D	04-11-2016	1358.61	TPVC	54.85	1303.76
B-103D	07-11-2016	1358.61	TPVC	53.57	1305.04
B-103D	11-07-2016	1358.61	TPVC	55.28	1303.33
B-103D	04-04-2017	1358.61	TPVC	55.34	1303.27
B-103D	07-25-2017	1358.61	TPVC	54.94	1303.67
B-103D	11-08-2017	1358.61	TPVC	54.82	1303.79
B-103D	04-24-2018	1358.61	TPVC	54.71	1303.90
B-103D	07-11-2018	1358.61	TPVC	54.73	1303.88
B-103D	11-05-2018	1358.61	TPVC	55.15	1303.46
B-103D	04-23-2019	1358.61	TPVC	54.87	1303.74
B-103D	07-08-2019	1358.61	TPVC	54.66	1303.95
B-103D	11-05-2019	1358.61	TPVC	54.52	1304.09
B-103D	04-21-2020	1358.61	TPVC	54.10	1304.51
B-103D	07-15-2020	1358.61	TPVC	54.36	1304.25
B-103D	11-03-2020	1358.61	TPVC	54.71	1303.90
B-103D	04-20-2021	1358.61	TPVC	54.81	1303.80
B-103D	07-05-2021	1358.61	TPVC	55.14	1303.47
B-103D	09-29-2021	1358.61	TPVC	55.48	1303.13
B-103D	11-01-2021	1358.61	TPVC	55.70	1302.91
B-103D	04-20-2022	1358.61	TPVC	55.67	1302.94
B-103D	07-11-2022	1358.61	TPVC	55.80	1302.81
B-103D	11-01-2022	1358.61	TPVC	56.13	1302.48
B-103D	04-18-2023	1358.61	TPVC	55.58	1303.03
B-103D	07-10-2023	1358.61	TPVC	55.27	1303.34
B-304UR	01-21-2009	1338.44	TPVC	47.64	1290.80
B-304UR	02-19-2009	1338.44	TPVC	47.88	1290.56
B-304UR	03-18-2009	1338.44	TPVC	47.91	1290.53
B-304UR	04-06-2009	1338.44	TPVC	47.62	1290.82
B-304UR	05-19-2009	1338.44	TPVC	47.19	1291.25
B-304UR	06-11-2009	1338.44	TPVC	47.20	1291.24
B-304UR	07-13-2009	1338.44	TPVC	47.08	1291.36
B-304UR	08-24-2009	1338.44	TPVC	47.33	1291.11
B-304UR	09-14-2009	1338.44	TPVC	47.44	1291.00
B-304UR	10-14-2009	1338.44	TPVC	48.00	1290.44
B-304UR	11-09-2009	1338.44	TPVC	48.29	1290.15
B-304UR	12-08-2009	1338.44	TPVC	48.47	1289.97
B-304UR	01-07-2010	1338.44	TPVC	48.50	1289.94
B-304UR	02-09-2010	1338.44	TPVC	48.62	1289.82
B-304UR	03-09-2010	1338.44	TPVC	48.68	1289.76
B-304UR	04-07-2010	1338.44	TPVC	48.16	1290.28
B-304UR	05-25-2010	1338.44	TPVC	47.22	1291.22
B-304UR	06-15-2010	1338.44	TPVC	47.30	1291.14
B-304UR	07-12-2010	1338.44	TPVC	47.36	1291.08
B-304UR	08-09-2010	1338.44	TPVC	47.33	1291.11
B-304UR	09-08-2010	1338.44	TPVC	47.63	1290.81
B-304UR	10-05-2010	1338.44	TPVC	48.02	1290.42
B-304UR	11-01-2010	1338.44	TPVC	47.95	1290.49
B-304UR	12-02-2010	1338.44	TPVC	47.74	1290.70
B-304UR	01-13-2011	1338.44	TPVC	47.49	1290.95
B-304UR	02-16-2011	1338.44	TPVC	47.76	1290.68

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	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
B-304UR	09-28-2020	1338.44	TPVC	49.99	1288.45
B-304UR	11-03-2020	1338.44	TPVC	49.49	1288.95
B-304UR	12-15-2020	1338.44	TPVC	48.85	1289.59
B-304UR	01-13-2021	1338.44	TPVC	47.08	1291.36
B-304UR	02-15-2021	1338.44	TPVC	47.02	1291.42
B-304UR	03-17-2021	1338.44	TPVC	48.08	1290.36
B-304UR	04-19-2021	1338.44	TPVC	46.75	1291.69
B-304UR	05-27-2021	1338.44	TPVC	46.36	1292.08
B-304UR	07-07-2021	1338.44	TPVC	48.07	1290.37
B-304UR	09-29-2021	1338.44	TPVC	50.18	1288.26
B-304UR	11-01-2021	1338.44	TPVC	50.84	1287.60
B-304UR	02-22-2022	1338.44	TPVC	50.31	1288.13
B-304UR	04-18-2022	1338.44	TPVC	47.18	1291.26
B-304UR	06-08-2022	1338.44	TPVC	46.81	1291.63
B-304UR	07-11-2022	1338.44	TPVC	48.08	1290.36
B-304UR	11-02-2022	1338.44	TPVC	49.15	1289.29
B-304UR	04-18-2023	1338.44	TPVC	46.99	1291.45
B-304UR	07-11-2023	1338.44	TPVC	47.69	1290.75
B-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

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	11-07-2016	1338.37	TPVC	49.57	1288.80
B-304DR	04-04-2017	1338.37	TPVC	49.65	1288.72
B-304DR	07-25-2017	1338.37	TPVC	47.28	1291.09
B-304DR	11-07-2017	1338.37	TPVC	48.81	1289.56
B-304DR	04-23-2018	1338.37	TPVC	48.02	1290.35
B-304DR	07-11-2018	1338.37	TPVC	47.49	1290.88
B-304DR	11-05-2018	1338.37	TPVC	49.54	1288.83
B-304DR	04-23-2019	1338.37	TPVC	48.38	1289.99
B-304DR	07-08-2019	1338.37	TPVC	46.80	1291.57
B-304DR	11-04-2019	1338.37	TPVC	48.93	1289.44
B-304DR	11-22-2019	1338.37	TPVC	48.75	1289.62
B-304DR	04-21-2020	1338.37	TPVC	46.67	1291.70
B-304DR	07-13-2020	1338.37	TPVC	47.61	1290.76
B-304DR	09-28-2020	1338.37	TPVC	49.33	1289.04
B-304DR	11-03-2020	1338.37	TPVC	49.42	1288.95
B-304DR	12-15-2020	1338.37	TPVC	48.78	1289.59
B-304DR	01-13-2021	1338.37	TPVC	47.73	1290.64
B-304DR	02-15-2021	1338.37	TPVC	47.63	1290.74
B-304DR	03-17-2021	1338.37	TPVC	48.29	1290.08
B-304DR	04-19-2021	1338.37	TPVC	47.51	1290.86
B-304DR	05-27-2021	1338.37	TPVC	47.15	1291.22
B-304DR	07-07-2021	1338.37	TPVC	48.21	1290.16
B-304DR	09-29-2021	1338.24	TPVC	49.32	1288.92
B-304DR	11-01-2021	1338.24	TPVC	49.66	1288.58
B-304DR	02-22-2022	1338.24	TPVC	49.51	1288.73
B-304DR	04-18-2022	1338.24	TPVC	47.76	1290.48
B-304DR	06-08-2022	1338.24	TPVC	47.29	1290.95
B-304DR	07-11-2022	1338.24	TPVC	47.98	1290.26
B-304DR	11-02-2022	1338.24	TPVC	48.94	1289.30
B-304DR	04-18-2023	1338.24	TPVC	47.26	1290.98
B-304DR	07-11-2023	1338.24	TPVC	47.61	1290.63
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
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

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

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	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-701	07-12-2023	1331.63	TPVC	13.86	1317.77
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
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
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

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	02-12-2013	1350.55	TPVC	46.08	1304.47
MW-802	02-25-2013	1350.55	TPVC	46.08	1304.47
MW-802	03-13-2013	1350.55	TPVC	46.09	1304.46
MW-802	04-10-2013	1350.55	TPVC	46.14	1304.41
MW-802	07-08-2013	1350.55	TPVC	45.70	1304.85
MW-802	11-07-2013	1350.55	TPVC	45.31	1305.24
MW-802	04-23-2014	1350.55	TPVC	45.22	1305.33
MW-802	07-15-2014	1350.55	TPVC	45.21	1305.34
MW-802	11-05-2014	1350.55	TPVC	45.78	1304.77
MW-802	04-14-2015	1350.55	TPVC	46.35	1304.20
MW-802	07-20-2015	1350.55	TPVC	46.15	1304.40
MW-802	11-10-2015	1350.55	TPVC	46.70	1303.85
MW-802	04-12-2016	1350.55	TPVC	46.77	1303.78
MW-802	07-11-2016	1350.55	TPVC	46.92	1303.63
MW-802	11-07-2016	1350.55	TPVC	47.33	1303.22
MW-802	04-04-2017	1350.55	TPVC	47.16	1303.39
MW-802	07-25-2017	1350.55	TPVC	46.65	1303.90
MW-802	11-07-2017	1350.55	TPVC	46.86	1303.69
MW-802	04-23-2018	1350.55	TPVC	46.59	1303.96
MW-802	07-11-2018	1350.55	TPVC	46.69	1303.86
MW-802	11-05-2018	1350.55	TPVC	47.22	1303.33
MW-802	04-23-2019	1350.55	TPVC	46.65	1303.90
MW-802	07-08-2019	1350.55	TPVC	46.49	1304.06
MW-802	11-05-2019	1350.55	TPVC	46.11	1304.44
MW-802	04-20-2020	1350.55	TPVC	45.76	1304.79
MW-802	07-15-2020	1350.55	TPVC	46.29	1304.26
MW-802	11-04-2020	1350.55	TPVC	46.52	1304.03
MW-802	04-22-2021	1350.55	TPVC	46.67	1303.88
MW-802	07-07-2021	1350.55	TPVC	47.09	1303.46
MW-802	09-29-2021	1350.55	TPVC	47.28	1303.27
MW-802	11-01-2021	1350.55	TPVC	47.53	1303.02
MW-802	02-22-2022	1350.55	TPVC	47.73	1302.82
MW-802	04-18-2022	1350.55	TPVC	47.40	1303.15
MW-802	04-20-2022	1350.55	TPVC	47.47	1303.08
MW-802	06-08-2022	1350.55	TPVC	47.53	1303.02
MW-802	07-11-2022	1350.55	TPVC	47.67	1302.88
MW-802	11-01-2022	1350.55	TPVC	47.98	1302.57
MW-802	04-19-2023	1350.55	TPVC	47.56	1302.99
MW-802	07-12-2023	1350.55	TPVC	47.40	1303.15
MW-803	04-06-2009	1346.38	TPVC	40.15	1306.23
MW-803	07-13-2009	1346.38	TPVC	39.94	1306.44
MW-803	11-09-2009	1346.38	TPVC	40.18	1306.20
MW-803	04-07-2010	1346.38	TPVC	40.28	1306.10
MW-803	07-12-2010	1346.38	TPVC	40.01	1306.37
MW-803	11-01-2010	1346.38	TPVC	39.78	1306.60
MW-803	04-18-2011	1346.38	TPVC	39.19	1307.19
MW-803	07-13-2011	1346.38	TPVC	39.14	1307.24
MW-803	11-01-2011	1346.38	TPVC	39.88	1306.50
MW-803	04-10-2012	1346.38	TPVC	41.18	1305.20
MW-803	07-17-2012	1346.38	TPVC	41.39	1304.99
MW-803	11-07-2012	1346.38	TPVC	41.69	1304.69
MW-803	04-10-2013	1346.38	TPVC	42.05	1304.33
MW-803	07-08-2013	1346.38	TPVC	41.60	1304.78
MW-803	11-07-2013	1346.38	TPVC	41.23	1305.15
MW-803	04-23-2014	1346.38	TPVC	41.07	1305.31
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

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	09-29-2021	1346.38	TPVC	43.02	1303.36
MW-803	11-01-2021	1346.38	TPVC	43.30	1303.08
MW-803	02-22-2022	1346.38	TPVC	43.48	1302.90
MW-803	04-18-2022	1346.38	TPVC	43.15	1303.23
MW-803	04-20-2022	1346.38	TPVC	43.22	1303.16
MW-803	06-08-2022	1346.38	TPVC	43.28	1303.10
MW-803	07-11-2022	1346.38	TPVC	43.41	1302.97
MW-803	11-01-2022	1346.38	TPVC	43.75	1302.63
MW-803	04-19-2023	1346.38	TPVC	43.34	1303.04
MW-803	07-12-2023	1346.38	TPVC	43.02	1303.36
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
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

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	07-11-2016	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
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
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

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	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
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

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	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
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
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

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	11-05-2019	1338.20	TPVC	21.78	1316.42
B-915U	04-21-2020	1338.20	TPVC	22.05	1316.15
B-915U	07-15-2020	1338.20	TPVC	22.23	1315.97
B-915U	11-02-2020	1338.20	TPVC	24.30	1313.90
B-915U	04-20-2021	1338.20	TPVC	25.13	1313.07
B-915U	07-06-2021	1338.20	TPVC	26.37	1311.83
B-915U	09-29-2021	1338.20	TPVC	26.44	1311.76
B-915U	11-02-2021	1338.20	TPVC	25.70	1312.50
B-915U	02-22-2022	1338.20	TPVC	26.59	1311.61
B-915U	04-18-2022	1338.20	TPVC	23.92	1314.28
B-915U	04-20-2022	1338.20	TPVC	23.77	1314.43
B-915U	06-08-2022	1338.20	TPVC	24.44	1313.76
B-915U	07-12-2022	1338.20	TPVC	26.49	1311.71
B-915U	11-01-2022	1338.20	TPVC	25.49	1312.71
B-915U	04-18-2023	1338.20	TPVC	24.31	1313.89
B-915U	07-11-2023	1338.20	TPVC	22.33	1315.87
B-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
B-915M	11-05-2019	1338.09	TPVC	31.82	1306.27
B-915M	04-21-2020	1338.09	TPVC	31.35	1306.74
B-915M	07-15-2020	1338.09	TPVC	31.51	1306.58
B-915M	11-02-2020	1338.09	TPVC	32.21	1305.88
B-915M	04-20-2021	1338.09	TPVC	32.40	1305.69
B-915M	07-06-2021	1338.09	TPVC	32.41	1305.68
B-915M	09-29-2021	1338.09	TPVC	33.06	1305.03
B-915M	11-02-2021	1338.09	TPVC	33.30	1304.79
B-915M	04-20-2022	1338.09	TPVC	33.15	1304.94
B-915M	07-12-2022	1338.09	TPVC	32.89	1305.20
B-915M	11-01-2022	1338.09	TPVC	33.35	1304.74
B-915M	04-18-2023	1338.09	TPVC	32.36	1305.73
B-915M	07-11-2023	1338.09	TPVC	31.98	1306.11
B-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

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-915D	07-06-2021	1338.16	TPVC	32.06	1306.10
B-915D	09-29-2021	1338.16	TPVC	32.71	1305.45
B-915D	11-02-2021	1338.16	TPVC	32.96	1305.20
B-915D	04-20-2022	1338.16	TPVC	32.80	1305.36
B-915D	07-12-2022	1338.16	TPVC	32.53	1305.63
B-915D	11-01-2022	1338.16	TPVC	33.00	1305.16
B-915D	04-18-2023	1338.16	TPVC	32.05	1306.11
B-915D	07-11-2023	1338.16	TPVC	31.62	1306.54
B-916U	01-24-2012	1323.76	TPVC	15.40	1308.36
B-916U	02-07-2012	1323.76	TPVC	14.90	1308.86
B-916U	03-06-2012	1323.76	TPVC	17.33	1306.43
B-916U	04-11-2012	1323.76	TPVC	16.44	1307.32
B-916U	05-16-2012	1323.76	TPVC	13.83	1309.93
B-916U	06-11-2012	1323.76	TPVC	14.09	1309.67
B-916U	09-13-2012	1323.76	TPVC	15.12	1308.64
B-916U	04-21-2014	1323.76	TPVC	14.75	1309.01
B-916U	07-15-2014	1323.76	TPVC	15.07	1308.69
B-916U	07-21-2015	1323.76	TPVC	14.65	1309.11
B-916U	11-09-2015	1323.76	TPVC	15.56	1308.20
B-916U	04-12-2016	1323.76	TPVC	10.67	1313.09
B-916U	07-13-2016	1323.76	TPVC	13.25	1310.51
B-916U	11-08-2016	1323.76	TPVC	13.47	1310.29
B-916U	04-04-2017	1323.76	TPVC	10.80	1312.96
B-916U	07-24-2017	1323.76	TPVC	10.00	1313.76
B-916U	11-08-2017	1323.76	TPVC	11.36	1312.40
B-916U	04-24-2018	1323.76	TPVC	9.45	1314.31
B-916U	07-09-2018	1323.76	TPVC	11.63	1312.13
B-916U	11-06-2018	1323.76	TPVC	16.87	1306.89
B-916U	04-22-2019	1323.76	TPVC	9.06	1314.70
B-916U	07-09-2019	1323.76	TPVC	9.03	1314.73
B-916U	11-05-2019	1323.76	TPVC	8.40	1315.36
B-916U	04-21-2020	1323.76	TPVC	8.80	1314.96
B-916U	07-15-2020	1323.76	TPVC	10.22	1313.54
B-916U	11-02-2020	1323.76	TPVC	13.11	1310.65
B-916U	04-19-2021	1323.76	TPVC	13.61	1310.15
B-916U	07-06-2021	1323.76	TPVC	16.95	1306.81
B-916U	09-29-2021	1323.76	TPVC	17.35	1306.41
B-916U	11-02-2021	1323.76	TPVC	16.90	1306.86
B-916U	02-22-2022	1323.76	TPVC	17.41	1306.35
B-916U	04-18-2022	1323.76	TPVC	11.01	1312.75
B-916U	06-08-2022	1323.76	TPVC	12.91	1310.85
B-916U	07-12-2022	1323.76	TPVC	16.45	1307.31
B-916U	11-01-2022	1323.76	TPVC	15.43	1308.33
B-916U	04-18-2023	1323.76	TPVC	11.66	1312.10
B-916U	07-10-2023	1323.76	TPVC	10.43	1313.33
B-916M	02-07-2012	1323.91	TPVC	40.74	1283.17
B-916M	03-06-2012	1323.91	TPVC	41.33	1282.58
B-916M	04-11-2012	1323.91	TPVC	41.17	1282.74
B-916M	05-16-2012	1323.91	TPVC	40.65	1283.26
B-916M	06-11-2012	1323.91	TPVC	40.66	1283.25
B-916M	09-13-2012	1323.91	TPVC	41.44	1282.47
B-916M	04-21-2014	1323.91	TPVC	41.57	1282.34
B-916M	07-16-2014	1323.91	TPVC	41.31	1282.60
B-916M	07-21-2015	1323.91	TPVC	41.75	1282.16
B-916M	11-09-2015	1323.91	TPVC	42.47	1281.44
B-916M	04-12-2016	1323.91	TPVC	42.02	1281.89
B-916M	07-13-2016	1323.91	TPVC	41.95	1281.96
B-916M	11-08-2016	1323.91	TPVC	42.94	1280.97
B-916M	04-04-2017	1323.91	TPVC	43.19	1280.72
B-916M	07-24-2017	1323.91	TPVC	41.78	1282.13
B-916M	11-08-2017	1323.91	TPVC	42.33	1281.58
B-916M	04-24-2018	1323.91	TPVC	42.15	1281.76
B-916M	07-09-2018	1323.91	TPVC	41.71	1282.20
B-916M	11-06-2018	1323.91	TPVC	42.98	1280.93
B-916M	04-22-2019	1323.91	TPVC	42.96	1280.95
B-916M	07-09-2019	1323.91	TPVC	41.64	1282.27
B-916M	11-05-2019	1323.91	TPVC	42.45	1281.46
B-916M	04-21-2020	1323.91	TPVC	41.86	1282.05
B-916M	07-15-2020	1323.91	TPVC	42.17	1281.74
B-916M	11-02-2020	1323.91	TPVC	42.94	1280.97
B-916M	04-19-2021	1323.91	TPVC	43.04	1280.87
B-916M	07-06-2021	1323.91	TPVC	43.02	1280.89
B-916M	09-29-2021	1323.91	TPVC	43.74	1280.17
B-916M	11-02-2021	1323.91	TPVC	44.97	1278.94
B-916M	04-18-2022	1323.91	TPVC	43.66	1280.25
B-916M	07-12-2022	1323.91	TPVC	43.38	1280.53
B-916M	11-01-2022	1323.91	TPVC	43.87	1280.04
B-916M	04-18-2023	1323.91	TPVC	42.74	1281.17

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-916M	07-10-2023	1323.91	TPVC	42.38	1281.53
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-916D	07-10-2023	1323.99	TPVC	52.57	1271.42
B-917U	01-24-2012	1325.14	TPVC	29.82	1295.32
B-917U	02-07-2012	1325.14	TPVC	30.23	1294.91
B-917U	03-06-2012	1325.14	TPVC	30.83	1294.31
B-917U	04-11-2012	1325.14	TPVC	30.70	1294.44
B-917U	05-16-2012	1325.14	TPVC	28.54	1296.60
B-917U	06-11-2012	1325.14	TPVC	28.34	1296.80
B-917U	09-13-2012	1325.14	TPVC	30.39	1294.75
B-917U	04-21-2014	1325.14	TPVC	30.29	1294.85
B-917U	07-16-2014	1325.14	TPVC	28.41	1296.73
B-917U	07-21-2015	1325.14	TPVC	28.79	1296.35
B-917U	11-09-2015	1325.14	TPVC	31.91	1293.23
B-917U	04-12-2016	1325.14	TPVC	29.93	1295.21
B-917U	07-13-2016	1325.14	TPVC	30.01	1295.13
B-917U	11-08-2016	1325.14	TPVC	32.84	1292.30
B-917U	04-04-2017	1325.14	TPVC	33.07	1292.07
B-917U	07-24-2017	1325.14	TPVC	28.78	1296.36
B-917U	11-08-2017	1325.14	TPVC	31.65	1293.49
B-917U	04-24-2018	1325.14	TPVC	30.07	1295.07
B-917U	07-10-2018	1325.14	TPVC	29.08	1296.06
B-917U	11-06-2018	1325.14	TPVC	32.52	1292.62
B-917U	04-23-2019	1325.14	TPVC	31.16	1293.98
B-917U	07-09-2019	1325.14	TPVC	28.05	1297.09
B-917U	11-05-2019	1325.14	TPVC	31.43	1293.71
B-917U	04-21-2020	1325.14	TPVC	29.03	1296.11
B-917U	07-15-2020	1325.14	TPVC	29.84	1295.30
B-917U	11-02-2020	1325.14	TPVC	32.40	1292.74
B-917U	04-19-2021	1325.14	TPVC	31.59	1293.55
B-917U	07-06-2021	1325.14	TPVC	30.93	1294.21
B-917U	09-29-2021	1325.14	TPVC	33.02	1292.12
B-917U	11-02-2021	1325.14	TPVC	33.45	1291.69
B-917U	02-22-2022	1325.14	TPVC	34.11	1291.03
B-917U	04-18-2022	1325.14	TPVC	32.26	1292.88
B-917U	06-08-2022	1325.14	TPVC	30.62	1294.52
B-917U	07-12-2022	1325.14	TPVC	31.52	1293.62
B-917U	11-01-2022	1325.14	TPVC	33.74	1291.40
B-917U	04-18-2023	1325.14	TPVC	30.49	1294.65
B-917U	07-10-2023	1325.14	TPVC	30.01	1295.13
B-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

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	04-11-2012	1325.50	TPVC	32.56	1292.94
B-909	05-16-2012	1325.50	TPVC	31.56	1293.94
B-909	06-11-2012	1325.50	TPVC	31.62	1293.88
B-909	09-13-2012	1325.50	TPVC	32.34	1293.16
B-909	04-21-2014	1325.50	TPVC	32.28	1293.22
B-909	07-16-2014	1325.50	TPVC	31.32	1294.18
B-909	07-21-2015	1325.50	TPVC	31.82	1293.68
B-909	11-09-2015	1325.50	TPVC	33.40	1292.10
B-909	04-12-2016	1325.50	TPVC	32.27	1293.23
B-909	07-13-2016	1325.50	TPVC	32.21	1293.29
B-909	11-08-2016	1325.50	TPVC	33.85	1291.65
B-909	04-04-2017	1325.50	TPVC	34.05	1291.45
B-909	07-24-2017	1325.50	TPVC	31.66	1293.84
B-909	11-08-2017	1325.50	TPVC	33.03	1292.47
B-909	04-24-2018	1325.50	TPVC	32.15	1293.35
B-909	07-10-2018	1325.50	TPVC	31.56	1293.94
B-909	11-06-2018	1325.50	TPVC	33.58	1291.92
B-909	04-23-2019	1325.50	TPVC	32.98	1292.52
B-909	07-09-2019	1325.50	TPVC	31.19	1294.31
B-909	11-05-2019	1325.50	TPVC	32.82	1292.68
B-909	04-21-2020	1325.50	TPVC	31.76	1293.74
B-909	07-15-2020	1325.50	TPVC	32.00	1293.50
B-909	11-02-2020	1325.50	TPVC	33.41	1292.09
B-909	04-19-2021	1325.50	TPVC	33.20	1292.30
B-909	07-06-2021	1325.50	TPVC	32.81	1292.69
B-909	09-29-2021	1325.50	TPVC	34.23	1291.27
B-909	11-02-2021	1325.50	TPVC	34.50	1291.00
B-909	04-18-2022	1325.50	TPVC	33.73	1291.77
B-909	07-12-2022	1325.50	TPVC	33.37	1292.13
B-909	11-01-2022	1325.50	TPVC	34.61	1290.89
B-909	04-18-2023	1325.50	TPVC	32.48	1293.02
B-909	07-10-2023	1325.50	TPVC	32.24	1293.26
B-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-917D	07-10-2023	1325.36	TPVC	30.93	1294.43
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

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	04-12-2016	1330.59	TPVC	24.95	1305.64
B-918U	07-12-2016	1330.59	TPVC	26.49	1304.10
B-918U	11-08-2016	1330.59	TPVC	26.92	1303.67
B-918U	04-04-2017	1330.59	TPVC	26.75	1303.84
B-918U	07-24-2017	1330.59	TPVC	26.09	1304.50
B-918U	11-08-2017	1330.59	TPVC	26.72	1303.87
B-918U	04-24-2018	1330.59	TPVC	25.81	1304.78
B-918U	07-09-2018	1330.59	TPVC	26.28	1304.31
B-918U	08-27-2018	1330.59	TPVC	26.64	1303.95
B-918U	11-05-2018	1330.59	TPVC	27.20	1303.39
B-918U	04-22-2019	1330.59	TPVC	26.20	1304.39
B-918U	07-09-2019	1330.59	TPVC	26.02	1304.57
B-918U	11-04-2019	1330.59	TPVC	26.35	1304.24
B-918U	04-20-2020	1330.59	TPVC	25.24	1305.35
B-918U	07-15-2020	1330.59	TPVC	26.20	1304.39
B-918U	11-02-2020	1330.59	TPVC	26.47	1304.12
B-918U	04-19-2021	1330.59	TPVC	26.23	1304.36
B-918U	07-06-2021	1330.59	TPVC	26.91	1303.68
B-918U	09-29-2021	1330.59	TPVC	27.44	1303.15
B-918U	11-02-2021	1330.59	TPVC	27.65	1302.94
B-918U	02-22-2022	1330.59	TPVC	27.70	1302.89
B-918U	04-18-2022	1330.59	TPVC	26.95	1303.64
B-918U	06-08-2022	1330.59	TPVC	27.22	1303.37
B-918U	07-12-2022	1330.59	TPVC	27.62	1302.97
B-918U	11-01-2022	1330.59	TPVC	28.01	1302.58
B-918U	04-19-2023	1330.59	TPVC	26.96	1303.63
B-918U	07-11-2023	1330.59	TPVC	26.94	1303.65
B-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
B-918M	04-19-2021	1330.23	TPVC	26.05	1304.18
B-918M	07-06-2021	1330.23	TPVC	26.39	1303.84
B-918M	09-29-2021	1330.23	TPVC	26.77	1303.46
B-918M	11-02-2021	1330.23	TPVC	27.00	1303.23
B-918M	01-06-2022	1330.23	TPVC	27.12	1303.11
B-918M	04-18-2022	1330.23	TPVC	26.80	1303.43
B-918M	07-12-2022	1330.23	TPVC	27.09	1303.14
B-918M	11-02-2022	1330.23	TPVC	27.50	1302.73
B-918M	01-04-2023	1330.23	TPVC	27.17	1303.06
B-918M	04-19-2023	1330.23	TPVC	26.90	1303.33
B-918M	07-11-2023	1330.23	TPVC	26.73	1303.50
B-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

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-918D	11-09-2015	1330.57	TPVC	35.40	1295.17
B-918D	04-12-2016	1330.57	TPVC	35.13	1295.44
B-918D	07-12-2016	1330.57	TPVC	35.08	1295.49
B-918D	11-08-2016	1330.57	TPVC	36.70	1293.87
B-918D	04-04-2017	1330.57	TPVC	36.02	1294.55
B-918D	07-24-2017	1330.57	TPVC	35.26	1295.31
B-918D	11-08-2017	1330.57	TPVC	35.56	1295.01
B-918D	04-24-2018	1330.57	TPVC	35.24	1295.33
B-918D	07-09-2018	1330.57	TPVC	34.95	1295.62
B-918D	08-27-2018	1330.57	TPVC	35.28	1295.29
B-918D	11-05-2018	1330.57	TPVC	35.82	1294.75
B-918D	04-22-2019	1330.57	TPVC	35.85	1294.72
B-918D	07-09-2019	1330.57	TPVC	35.05	1295.52
B-918D	11-04-2019	1330.57	TPVC	35.41	1295.16
B-918D	04-20-2020	1330.57	TPVC	35.00	1295.57
B-918D	07-15-2020	1330.57	TPVC	35.01	1295.56
B-918D	11-02-2020	1330.57	TPVC	35.47	1295.10
B-918D	04-19-2021	1330.57	TPVC	35.71	1294.86
B-918D	07-06-2021	1330.57	TPVC	35.78	1294.79
B-918D	09-29-2021	1330.57	TPVC	36.29	1294.28
B-918D	11-02-2021	1330.57	TPVC	36.50	1294.07
B-918D	04-18-2022	1330.57	TPVC	36.42	1294.15
B-918D	07-12-2022	1330.57	TPVC	36.22	1294.35
B-918D	11-02-2022	1330.57	TPVC	36.60	1293.97
B-918D	04-19-2023	1330.57	TPVC	35.82	1294.75
B-918D	07-11-2023	1330.57	TPVC	35.39	1295.18
B-919U	03-18-2009	1344.27	TPVC	38.51	1305.76
B-919U	04-07-2009	1344.27	TPVC	38.33	1305.94
B-919U	05-19-2009	1344.27	TPVC	38.04	1306.23
B-919U	06-10-2009	1344.27	TPVC	37.96	1306.31
B-919U	07-14-2009	1344.27	TPVC	37.73	1306.54
B-919U	08-24-2009	1344.27	TPVC	37.75	1306.52
B-919U	09-15-2009	1344.27	TPVC	37.87	1306.40
B-919U	10-14-2009	1344.27	TPVC	38.24	1306.03
B-919U	11-10-2009	1344.27	TPVC	38.34	1305.93
B-919U	12-08-2009	1344.27	TPVC	38.36	1305.91
B-919U	01-07-2010	1344.27	TPVC	38.47	1305.80
B-919U	02-09-2010	1344.27	TPVC	38.64	1305.63
B-919U	03-09-2010	1344.27	TPVC	38.78	1305.49
B-919U	04-07-2010	1344.27	TPVC	38.28	1305.99
B-919U	05-25-2010	1344.27	TPVC	37.69	1306.58
B-919U	06-15-2010	1344.27	TPVC	37.88	1306.39
B-919U	07-13-2010	1344.27	TPVC	37.66	1306.61
B-919U	08-09-2010	1344.27	TPVC	37.41	1306.86
B-919U	09-08-2010	1344.27	TPVC	37.73	1306.54
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

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	11-02-2020	1344.27	TPVC	39.36	1304.91
B-919U	04-19-2021	1344.27	TPVC	39.78	1304.49
B-919U	05-27-2021	1344.27	TPVC	39.82	1304.45
B-919U	07-07-2021	1344.27	TPVC	40.66	1303.61
B-919U	09-29-2021	1344.27	TPVC	40.75	1303.52
B-919U	11-01-2021	1344.27	TPVC	40.61	1303.66
B-919U	02-22-2022	1344.27	TPVC	40.99	1303.28
B-919U	04-18-2022	1344.27	TPVC	39.62	1304.65
B-919U	06-08-2022	1344.27	TPVC	39.80	1304.47
B-919U	07-11-2022	1344.27	TPVC	40.43	1303.84
B-919U	11-02-2022	1344.27	TPVC	40.48	1303.79
B-919U	04-18-2023	1344.27	TPVC	40.14	1304.13
B-919U	07-11-2023	1344.27	TPVC	39.91	1304.36
B-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-919M	07-11-2023	1344.06	TPVC	51.31	1292.75
B-919D	04-07-2009	1344.13	TPVC	49.18	1294.95
B-919D	07-13-2009	1344.13	TPVC	49.03	1295.10
B-919D	11-10-2009	1344.13	TPVC	49.64	1294.49
B-919D	04-07-2010	1344.13	TPVC	49.43	1294.70
B-919D	07-15-2010	1344.13	TPVC	49.24	1294.89
B-919D	11-02-2010	1344.13	TPVC	49.42	1294.71
B-919D	01-13-2011	1344.13	TPVC	48.71	1295.42
B-919D	04-18-2011	1344.13	TPVC	48.92	1295.21
B-919D	07-12-2011	1344.13	TPVC	48.70	1295.43
B-919D	11-01-2011	1344.13	TPVC	49.70	1294.43
B-919D	04-10-2012	1344.13	TPVC	50.70	1293.43
B-919D	07-18-2012	1344.13	TPVC	50.86	1293.27
B-919D	11-07-2012	1344.13	TPVC	51.08	1293.05
B-919D	04-10-2013	1344.13	TPVC	51.09	1293.04
B-919D	07-08-2013	1344.13	TPVC	50.74	1293.39

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	11-06-2013	1344.13	TPVC	50.19	1293.94
B-919D	04-23-2014	1344.13	TPVC	50.42	1293.71
B-919D	07-16-2014	1344.13	TPVC	50.31	1293.82
B-919D	11-04-2014	1344.13	TPVC	50.73	1293.40
B-919D	04-13-2015	1344.13	TPVC	51.35	1292.78
B-919D	07-20-2015	1344.13	TPVC	51.01	1293.12
B-919D	11-09-2015	1344.13	TPVC	51.40	1292.73
B-919D	04-11-2016	1344.13	TPVC	51.22	1292.91
B-919D	07-11-2016	1344.13	TPVC	51.20	1292.93
B-919D	11-07-2016	1344.13	TPVC	51.84	1292.29
B-919D	04-03-2017	1344.13	TPVC	52.15	1291.98
B-919D	07-24-2017	1344.13	TPVC	51.46	1292.67
B-919D	11-07-2017	1344.13	TPVC	51.44	1292.69
B-919D	04-23-2018	1344.13	TPVC	51.47	1292.66
B-919D	07-09-2018	1344.13	TPVC	51.10	1293.03
B-919D	11-05-2018	1344.13	TPVC	51.76	1292.37
B-919D	04-22-2019	1344.13	TPVC	51.80	1292.33
B-919D	07-08-2019	1344.13	TPVC	51.10	1293.03
B-919D	11-04-2019	1344.13	TPVC	51.39	1292.74
B-919D	04-20-2020	1344.13	TPVC	51.02	1293.11
B-919D	07-13-2020	1344.13	TPVC	51.01	1293.12
B-919D	11-02-2020	1344.13	TPVC	51.27	1292.86
B-919D	04-19-2021	1344.13	TPVC	51.66	1292.47
B-919D	05-27-2021	1344.13	TPVC	51.52	1292.61
B-919D	07-07-2021	1344.13	TPVC	51.86	1292.27
B-919D	09-29-2021	1344.13	TPVC	52.28	1291.85
B-919D	11-01-2021	1344.13	TPVC	52.36	1291.77
B-919D	02-22-2022	1344.13	TPVC	52.60	1291.53
B-919D	04-18-2022	1344.13	TPVC	52.39	1291.74
B-919D	06-08-2022	1344.13	TPVC	52.06	1292.07
B-919D	07-11-2022	1344.13	TPVC	52.29	1291.84
B-919D	11-02-2022	1344.13	TPVC	52.69	1291.44
B-919D	04-18-2023	1344.13	TPVC	51.71	1292.42
B-919D	07-11-2023	1344.13	TPVC	51.40	1292.73
B-923U	11-08-2016	1357.38	TPVC	39.27	1318.11
B-923U	12-01-2016	1357.38	TPVC	39.44	1317.94
B-923U	01-04-2017	1357.38	TPVC	39.58	1317.80
B-923U	02-02-2017	1357.38	TPVC	39.84	1317.54
B-923U	03-02-2017	1357.38	TPVC	39.95	1317.43
B-923U	04-05-2017	1357.38	TPVC	39.98	1317.40
B-923U	07-25-2017	1357.38	TPVC	38.44	1318.94
B-923U	11-08-2017	1357.38	TPVC	38.88	1318.50
B-923U	04-25-2018	1357.38	TPVC	38.73	1318.65
B-923U	07-10-2018	1357.38	TPVC	37.80	1319.58
B-923U	11-06-2018	1357.38	TPVC	38.93	1318.45
B-923U	04-23-2019	1357.38	TPVC	39.22	1318.16
B-923U	07-09-2019	1357.38	TPVC	37.71	1319.67
B-923U	11-05-2019	1357.38	TPVC	38.61	1318.77
B-923U	04-21-2020	1357.38	TPVC	38.29	1319.09
B-923U	07-16-2020	1357.38	TPVC	37.97	1319.41
B-923U	11-04-2020	1357.38	TPVC	38.87	1318.51
B-923U	04-20-2021	1357.38	TPVC	38.98	1318.40
B-923U	07-07-2021	1357.38	TPVC	38.81	1318.57
B-923U	11-02-2021	1357.38	TPVC	39.67	1317.71
B-923U	04-20-2022	1357.38	TPVC	39.98	1317.40
B-923U	07-12-2022	1357.38	TPVC	39.18	1318.20
B-923U	11-02-2022	1357.38	TPVC	39.99	1317.39
B-923U	04-19-2023	1357.38	TPVC	39.00	1318.38
B-923U	07-12-2023	1357.38	TPVC	38.56	1318.82
B-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

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-924U	09-29-2021	1362.00	TPVC	32.59	1329.41
B-924U	11-02-2021	1362.00	TPVC	33.54	1328.46
B-924U	04-20-2022	1362.00	TPVC	34.32	1327.68
B-924U	07-12-2022	1362.00	TPVC	32.93	1329.07
B-924U	11-02-2022	1362.00	TPVC	34.55	1327.45
B-924U	04-19-2023	1362.00	TPVC	32.98	1329.02
B-924U	07-12-2023	1362.00	TPVC	31.66	1330.34
B-924L	11-08-2016	1361.25	TPVC	44.29	1316.96
B-924L	12-01-2016	1361.25	TPVC	44.36	1316.89
B-924L	01-04-2017	1361.25	TPVC	44.48	1316.77
B-924L	02-02-2017	1361.25	TPVC	44.85	1316.40
B-924L	03-02-2017	1361.25	TPVC	44.90	1316.35
B-924L	04-05-2017	1361.25	TPVC	45.03	1316.22
B-924L	07-25-2017	1361.25	TPVC	43.79	1317.46
B-924L	11-08-2017	1361.25	TPVC	44.01	1317.24
B-924L	04-25-2018	1361.25	TPVC	43.84	1317.41
B-924L	07-10-2018	1361.25	TPVC	42.94	1318.31
B-924L	11-06-2018	1361.25	TPVC	43.87	1317.38
B-924L	04-23-2019	1361.25	TPVC	44.35	1316.90
B-924L	07-09-2019	1361.25	TPVC	43.03	1318.22
B-924L	11-05-2019	1361.25	TPVC	43.68	1317.57
B-924L	04-21-2020	1361.25	TPVC	43.41	1317.84
B-924L	07-16-2020	1361.25	TPVC	43.06	1318.19
B-924L	11-04-2020	1361.25	TPVC	43.93	1317.32
B-924L	04-20-2021	1361.25	TPVC	44.05	1317.20
B-924L	07-07-2021	1361.25	TPVC	43.99	1317.26
B-924L	11-02-2021	1361.25	TPVC	44.75	1316.50
B-924L	04-20-2022	1361.25	TPVC	45.15	1316.10
B-924L	07-12-2022	1361.25	TPVC	44.36	1316.89
B-924L	11-02-2022	1361.25	TPVC	45.18	1316.07
B-924L	04-19-2023	1361.25	TPVC	44.29	1316.96
B-924L	07-12-2023	1361.25	TPVC	43.85	1317.40
B-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-925U	07-12-2023	1365.00	TPVC	28.92	1336.08
B-925L	11-08-2016	1362.36	TPVC	44.55	1317.81
B-925L	12-01-2016	1362.36	TPVC	44.59	1317.77
B-925L	01-04-2017	1362.36	TPVC	44.72	1317.64
B-925L	02-02-2017	1362.36	TPVC	45.15	1317.21
B-925L	03-02-2017	1362.36	TPVC	45.17	1317.19
B-925L	04-05-2017	1362.36	TPVC	45.34	1317.02
B-925L	07-25-2017	1362.36	TPVC	44.11	1318.25
B-925L	11-08-2017	1362.36	TPVC	44.31	1318.05
B-925L	04-25-2018	1362.36	TPVC	44.10	1318.26
B-925L	07-10-2018	1362.36	TPVC	43.27	1319.09
B-925L	11-06-2018	1362.36	TPVC	44.13	1318.23
B-925L	04-23-2019	1362.36	TPVC	44.57	1317.79
B-925L	07-09-2019	1362.36	TPVC	43.33	1319.03
B-925L	11-05-2019	1362.36	TPVC	43.92	1318.44
B-925L	04-21-2020	1362.36	TPVC	43.66	1318.70
B-925L	07-16-2020	1362.36	TPVC	43.37	1318.99
B-925L	11-04-2020	1362.36	TPVC	44.22	1318.14
B-925L	04-20-2021	1362.36	TPVC	44.31	1318.05
B-925L	07-07-2021	1362.36	TPVC	44.24	1318.12
B-925L	11-02-2021	1365.05	TPVC	47.66	1317.39

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	04-20-2022	1365.05	TPVC	47.93	1317.12
B-925L	07-13-2022	1365.05	TPVC	47.27	1317.78
B-925L	11-02-2022	1365.05	TPVC	48.06	1316.99
B-925L	04-19-2023	1365.05	TPVC	47.13	1317.92
B-925L	07-12-2023	1365.05	TPVC	46.70	1318.35
B-926U	11-08-2017	1332.47	TPVC	22.72	1309.75
B-926U	04-24-2018	1332.47	TPVC	21.52	1310.95
B-926U	07-10-2018	1332.47	TPVC	21.92	1310.55
B-926U	11-06-2018	1332.47	TPVC	24.68	1307.79
B-926U	04-23-2019	1332.47	TPVC	24.06	1308.41
B-926U	07-09-2019	1332.47	TPVC	22.11	1310.36
B-926U	11-05-2019	1332.47	TPVC	23.02	1309.45
B-926U	04-21-2020	1332.47	TPVC	23.16	1309.31
B-926U	07-15-2020	1332.47	TPVC	24.07	1308.40
B-926U	11-02-2020	1332.47	TPVC	25.59	1306.88
B-926U	04-20-2021	1332.47	TPVC	24.93	1307.54
B-926U	07-06-2021	1332.47	TPVC	31.28	1301.19
B-926U	09-29-2021	1332.47	TPVC	26.06	1306.41
B-926U	11-02-2021	1332.47	TPVC	26.32	1306.15
B-926U	02-22-2022	1332.47	TPVC	27.06	1305.41
B-926U	04-18-2022	1332.47	TPVC	25.61	1306.86
B-926U	04-20-2022	1332.47	TPVC	25.52	1306.95
B-926U	06-08-2022	1332.47	TPVC	25.03	1307.44
B-926U	07-12-2022	1332.47	TPVC	25.89	1306.58
B-926U	11-01-2022	1332.47	TPVC	27.32	1305.15
B-926U	04-18-2023	1332.47	TPVC	25.50	1306.97
B-926U	07-12-2023	1332.47	TPVC	25.02	1307.45
B-926L	11-08-2017	1332.68	TPVC	30.91	1301.77
B-926L	04-24-2018	1332.68	TPVC	30.74	1301.94
B-926L	07-10-2018	1332.68	TPVC	30.06	1302.62
B-926L	11-06-2018	1332.68	TPVC	31.19	1301.49
B-926L	04-23-2019	1332.68	TPVC	31.18	1301.50
B-926L	07-09-2019	1332.68	TPVC	30.07	1302.61
B-926L	11-05-2019	1332.68	TPVC	30.72	1301.96
B-926L	04-21-2020	1332.68	TPVC	30.21	1302.47
B-926L	07-15-2020	1332.68	TPVC	30.40	1302.28
B-926L	11-02-2020	1332.68	TPVC	31.07	1301.61
B-926L	04-20-2021	1332.68	TPVC	31.28	1301.40
B-926L	07-06-2021	1332.68	TPVC	25.08	1307.60
B-926L	09-29-2021	1332.68	TPVC	31.95	1300.73
B-926L	11-02-2021	1332.68	TPVC	32.20	1300.48
B-926L	04-20-2022	1332.68	TPVC	32.15	1300.53
B-926L	07-12-2022	1332.68	TPVC	31.80	1300.88
B-926L	11-01-2022	1332.68	TPVC	32.29	1300.39
B-926L	04-18-2023	1332.68	TPVC	31.29	1301.39
B-926L	07-12-2023	1332.68	TPVC	30.95	1301.73
B-927U	11-07-2017	1345.58	TPVC	44.87	1300.71
B-927U	04-24-2018	1345.58	TPVC	44.39	1301.19
B-927U	07-09-2018	1345.58	TPVC	43.70	1301.88
B-927U	11-06-2018	1345.58	TPVC	45.27	1300.31
B-927U	04-22-2019	1345.58	TPVC	>43.30	<1302.28
B-927U	08-05-2019	1345.58	TPVC	43.79	1301.79
B-927U	11-04-2019	1345.58	TPVC	44.32	1301.26
B-927U	04-20-2020	1345.58	TPVC	43.34	1302.24
B-927U	07-13-2020	1345.58	TPVC	43.49	1302.09
B-927U	11-02-2020	1345.58	TPVC	44.79	1300.79
B-927U	04-19-2021	1345.58	TPVC	44.56	1301.02
B-927U	07-05-2021	1345.58	TPVC	44.60	1300.98
B-927U	09-29-2021	1345.58	TPVC	45.48	1300.10
B-927U	11-01-2021	1345.58	TPVC	45.98	1299.60
B-927U	02-22-2022	1345.58	TPVC	46.49	1299.09
B-927U	04-18-2022	1345.58	TPVC	46.13	1299.45
B-927U	06-08-2022	1345.58	TPVC	45.51	1300.07
B-927U	07-11-2022	1345.58	TPVC	45.82	1299.76
B-927U	11-01-2022	1345.58	TPVC	46.93	1298.65
B-927U	04-18-2023	1345.58	TPVC	45.79	1299.79
B-927U	07-11-2023	1345.58	TPVC	45.37	1300.21
B-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

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-927M	11-02-2020	1345.59	TPVC	47.63	1297.96
B-927M	04-19-2021	1345.59	TPVC	47.49	1298.10
B-927M	07-05-2021	1345.59	TPVC	47.33	1298.26
B-927M	09-29-2021	1345.59	TPVC	48.45	1297.14
B-927M	11-01-2021	1345.59	TPVC	48.78	1296.81
B-927M	04-18-2022	1345.59	TPVC	48.64	1296.95
B-927M	07-11-2022	1345.59	TPVC	48.45	1297.14
B-927M	11-01-2022	1345.59	TPVC	49.27	1296.32
B-927M	04-18-2023	1345.59	TPVC	48.13	1297.46
B-927M	07-11-2023	1345.59	TPVC	47.83	1297.76
B-927L	11-07-2017	1345.61	TPVC	54.52	1291.09
B-927L	04-24-2018	1345.61	TPVC	54.14	1291.47
B-927L	07-09-2018	1345.61	TPVC	54.01	1291.60
B-927L	11-06-2018	1345.61	TPVC	54.56	1291.05
B-927L	04-22-2019	1345.61	TPVC	54.79	1290.82
B-927L	08-05-2019	1345.61	TPVC	54.41	1291.20
B-927L	11-04-2019	1345.61	TPVC	54.60	1291.01
B-927L	04-20-2020	1345.61	TPVC	54.15	1291.46
B-927L	07-13-2020	1345.61	TPVC	54.13	1291.48
B-927L	11-02-2020	1345.61	TPVC	54.54	1291.07
B-927L	04-19-2021	1345.61	TPVC	54.81	1290.80
B-927L	07-05-2021	1345.61	TPVC	55.05	1290.56
B-927L	09-29-2021	1345.61	TPVC	55.47	1290.14
B-927L	11-01-2021	1345.61	TPVC	55.59	1290.02
B-927L	04-18-2022	1345.61	TPVC	55.46	1290.15
B-927L	07-11-2022	1345.61	TPVC	55.37	1290.24
B-927L	11-01-2022	1345.61	TPVC	55.47	1290.14
B-927L	04-18-2023	1345.61	TPVC	54.60	1291.01
B-927L	07-11-2023	1345.61	TPVC	54.32	1291.29
B-928U	09-29-2021	1333.75	TPVC	48.33	1285.42
B-928U	11-01-2021	1333.75	TPVC	49.83	1283.92
B-928U	02-22-2022	1333.75	TPVC	48.37	1285.38
B-928U	04-18-2022	1333.75	TPVC	45.11	1288.64
B-928U	06-08-2022	1333.75	TPVC	44.17	1289.58
B-928U	07-11-2022	1333.75	TPVC	45.21	1288.54
B-928U	11-02-2022	1333.75	TPVC	47.45	1286.30
B-928U	04-18-2023	1333.75	TPVC	44.45	1289.30
B-928U	07-11-2023	1333.75	TPVC	45.02	1288.73
B-928D	09-29-2021	1334.12	TPVC	52.29	1281.83
B-928D	11-01-2021	1334.12	TPVC	52.98	1281.14
B-928D	02-22-2022	1334.12	TPVC	52.07	1282.05
B-928D	04-18-2022	1334.12	TPVC	50.17	1283.95
B-928D	06-08-2022	1334.12	TPVC	49.19	1284.93
B-928D	07-11-2022	1334.12	TPVC	49.83	1284.29
B-928D	11-02-2022	1334.12	TPVC	51.78	1282.34
B-928D	04-18-2023	1334.12	TPVC	49.24	1284.88
B-928D	07-11-2023	1334.12	TPVC	49.66	1284.46
B-929U	11-02-2022	1376.06	TPVC	43.13	1332.93
B-929U	12-01-2022	1376.06	TPVC	43.54	1332.52
B-929U	03-20-2023	1376.06	TPVC	42.54	1333.52
B-929U	04-19-2023	1376.06	TPVC	42.39	1333.67
B-929U	07-12-2023	1376.06	TPVC	41.91	1334.15
B-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-929L	07-12-2023	1375.99	TPVC	48.18	1327.81
B-930U	12-01-2022	1376.69	TPVC	42.09	1334.60
B-930U	03-20-2023	1376.69	TPVC	42.33	1334.36
B-930U	04-19-2023	1376.69	TPVC	42.14	1334.55
B-930U	07-12-2023	1376.69	TPVC	41.49	1335.20
B-930L	12-01-2022	1376.93	TPVC	69.25	1307.68
B-930L	03-20-2023	1376.93	TPVC	68.67	1308.26
B-930L	04-19-2023	1376.93	TPVC	68.59	1308.34
B-930L	07-12-2023	1376.93	TPVC	68.29	1308.64
B-931U	11-02-2022	1331.86	TPVC	27.32	1304.54
B-931U	12-01-2022	1331.86	TPVC	27.31	1304.55
B-931U	03-20-2023	1331.86	TPVC	26.85	1305.01
B-931U	04-19-2023	1331.86	TPVC	26.69	1305.17
B-931U	07-12-2023	1331.86	TPVC	26.38	1305.48
B-931L	11-02-2022	1332.07	TPVC	27.67	1304.40

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-931L	12-01-2022	1332.07	TPVC	27.58	1304.49
B-931L	03-20-2023	1332.07	TPVC	27.07	1305.00
B-931L	04-19-2023	1332.07	TPVC	26.90	1305.17
B-931L	07-12-2023	1332.07	TPVC	26.49	1305.58

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						
			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			
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D					
SMCL				6.5-8.5				250			10	500				0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
B-102S	03-03-1987	N		6.4				3.6			240																	
B-102S	06-11-1987	N	1306.83	6.8	175	9.3		4.5			140																	
B-102S	09-21-1987	N	1306.43	6	122	7.7		2.8			120																	
B-102S	12-29-1987	N	1306.53	6.1	340	1.3		4.5			130																	
B-102S	03-29-1988	N	1306.33					3.3			86																	
B-102S	07-13-1988	N	1305.71	6.4	654	13.7		9.4			88																	
B-102S	10-17-1988	N	1306.23	6.6	410	10.5		3.6			110																	
B-102S	12-20-1988	N	1306.01	6.6	405	8.2		5.2			85																	
B-102S	04-26-1989	N	1306.21	6.3	344	8.2		19			120																	
B-102S	07-27-1989	N	1305.41	5.9	311	15.5		6.1			95																	
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																
B-102S	05-20-1993	N																										
B-102S	07-15-1993	N						14	<0.5		98	0.6			<0.01	0.17		0.004	<0.002						<0.01			<0.001
B-102S	11-24-1993	N	1305.61	7.2	553	3.5		20	<0.5		110	0.6			<0.01	0.3		<0.001	<0.002	98					<0.01	14		<0.005
B-102S	04-13-1994	N	1306.21	6.9	292	9		6	<0.5		17	<0.5			<0.01	1.6		<0.001	<0.002	40					<0.01	28		<0.001
B-102S	07-07-1994	N	1306.41	6.6	870	19.5		27	<0.5		280	1.1			<0.01	1.4		<0.001	<0.002	40					<0.01	6.5		<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																
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																
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																
B-102S	04-05-1999	N	1307.46	6.5	276	9.5	0.1	5	<0.1		<20	9.8																
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																
B-102S	04-10-2000	N	1308.06	6.8	219	7.5	<0.1	4.05	0.106		17	2.14																
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																
B-102S	04-02-2001	N	1307.11	6.7	197	6.4	0.1	2.7	0.068		65	0.712																
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																

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			
			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	
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D			
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1		
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			
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			

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			
			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
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															
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1	
B-102S	11-05-2018	N	1305.49	6.83	158	11	<0.1	5	<0.5		<10	<0.5													
B-102S	04-23-2019	N	1305.86	6.7	113	11.6	<0.1	9.2	<0.5		<10	<0.5													
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			
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	1.1	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

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D	
SMCL				6.5-8.5				250	250								0.3	0.3		0.05	0.05	0.1	0.1	
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			
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
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
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			

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							
			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				
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D						
SMCL				6.5-8.5				250			10	500			0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1		
B-103S	06-24-1985	N						21																					
B-103S	09-13-1985	N						22			75																		
B-103S	02-06-1986	N			410			5.1			69																		
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																		
B-103S	03-03-1987	N		6.7				8.4			73																		
B-103S	06-11-1987	N	1305.03	6.6	440	8.3		43			110																		
B-103S	09-21-1987	N	1304.93	6.3	400	8.4		16			220																		
B-103S	12-29-1987	N	1305.03	6.5	570	2.2		12			210																		
B-103S	03-29-1988	N	1304.63					13			160																		
B-103S	07-13-1988	N		6.7	886	15.7		14			150																		
B-103S	10-17-1988	N	1304.53	6.6	998	11.7		13			190																		
B-103S	12-20-1988	N		6.8	958	8.1		16			190																		
B-103S	04-26-1989	N		6.5	837	8.8		8			160																		
B-103S	07-27-1989	N		6.4	968	14		13			170																		
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																											
B-103S	07-15-1993	N						22	<0.5		280	1.9			<0.01	0.09		<0.001	<0.002			<0.01						<0.001	
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	160		<0.01	15					<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						

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		
			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
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														
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1
B-103S	11-17-1999	N	1304.72	7	525	2.8	<0.4	11.3	5.75		110	2.79												
B-103S	04-10-2000	N	1302.12	6.7	567	7.7	<0.1	23	0.105		65	4.31												
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												
B-103S	04-02-2001	N	1304.73	6.8	564	9	0.129	9.29	1.76		<15	3.35												
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												
B-103S	04-15-2002	N	1303.3	6.4	438	12.7	0.107	7.1	0.08		<15	3.22												
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												
B-103S	04-07-2003	N	1302.92	6.7	387	7.1	0.154	9.24	0.042		<15	4.02												
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												
B-103S	04-05-2004	N	1304.49	6.6	172	5.1	0.103	5.99	0.064		19	2.74												
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												
B-103S	04-11-2005	N	1304.91	6.4	250	8.4	0.303	5.52	0.046		42	3.54												
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												
B-103S	04-10-2006	N	1306.75	6.1	143	11.4	0.242	11.6	<0.02		26	3.15												
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												
B-103S	04-09-2007	N	1306.54	6.9	288	6.3	<0.1	14.3	0.047		<15	1.73												
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										
B-103S	04-21-2008	N	1305.5	7.2	126	17.4	<0.1	4.5	0.03		120	1.6												
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												
B-103S	04-07-2009	N	1306.67	6.34	290	8.74	0.1	42	<0.5		130	1.6												
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												
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												
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												
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												
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												
B-103S	04-10-2012	N	1305.49	6.4	490	11.2	<0.1	57	<0.5		30	1.1												
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		

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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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
SMCL				6.5-8.5				250		250							0.3	0.3		0.05	0.05	0.1	0.1	
B-103S	11-06-2012	N	1304.93	6.61	264	10	<0.1	48	<0.5		<10	0.9												
B-103S	04-10-2013	N	1304.49	6.77	180	8.1	<0.1	19	<0.5		77	1.6												
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												
B-103S	04-22-2014	N	1305.96	6.36	210	16.1	<0.1	25	<0.5		25	1.3												
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												
B-103S	11-04-2014	FD					<0.1	31	<0.5		<10	1												
B-103S	04-13-2015	N	1304.62	6.97	129	15.2	<0.1	5	<0.5		<10	0.6												
B-103S	07-21-2015	N	1304.66	6.81	232	18.4	<0.1	21	<0.5		<10	0.7		0.051	0.026		<0.001	<0.001	18		<0.001	2		
B-103S	07-21-2015	FD					<0.1	20	<0.5		<10	0.8		0.047	0.024		<0.001	<0.001	16		<0.001	1.9		
B-103S	11-10-2015	N	1304.26	7.1	240	14.4	<0.1	13	<0.5		<10	0.7												
B-103S	11-10-2015	FD					<0.1	13	<0.5		<10	0.8												
B-103S	04-11-2016	N	1304.09	6.74	188	10.8	<0.1	7	<0.5		<10	0.8												
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												
B-103S	11-07-2016	FD					<0.1	12	<0.5		<10	0.6												
B-103S	04-04-2017	N	1303.74	6.74	170	11.5	<0.1	6	<0.5		<10	0.6												
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												
B-103S	11-08-2017	FD					<0.1	7	<0.5		<10	0.7												
B-103S	04-24-2018	N	1304.31	6.61	173	15.8	<0.1	9.1	<0.5		<10	<0.5												
B-103S	04-24-2018	FD					<0.1	8.8	<0.5		<10	<0.5												
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												
B-103S	11-05-2018	FD					<0.1	11	<0.5		<10	0.78												
B-103S	04-23-2019	N	1304.33	6.51	157	13	<0.1	6.5	<0.5		<10	<0.5												
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												
B-103S	11-05-2019	FD					<0.1	4.6	<0.5		<10	<0.5												
B-103S	04-21-2020	N	1305.03	6.48	142	11.3	<0.1	4.1	<0.5		<10	<0.5												
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												
B-103S	04-20-2021	N	1304.28	6.91	111	13	<0.1	3.2	<0.5		<10	<0.5												
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												
B-103S	11-01-2021	FD					<0.1	5.1	<0.5		<10	<0.5												
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												
B-103S	06-08-2022	N	1303.3																					

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			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	
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1	
B-103S	07-11-2022	N	1303.15	6.73	164	15.3	<0.1	5.9	<0.5		<10	<0.5												
B-103S	07-11-2022	FD					<0.1	5.8	<0.5		<10	<0.5												
B-103S	11-01-2022	N	1302.85	6.87	152	13.1	<0.1	9.5	<0.5		<10	<0.5												
B-103S	04-18-2023	N	1303.38	7.1	125	11.7	<0.1	4.3	<0.5		<10	<0.5												
B-103S	07-10-2023	N	1303.66	7.07	161	14.5	<0.1	5.3	<0.5		<10	<0.5												
B-103S	07-10-2023	FD					<0.1	5.3	<0.5		<10	<0.5												
B-103D	03-03-1987	N		6.6				23			130													
B-103D	06-11-1987	N	1303.63	6.7	440	9.5		14			110													
B-103D	09-21-1987	N	1303.33	5.9	330	8.5		18			140													
B-103D	12-29-1987	N	1303.43	6.6	480	2		12			47													
B-103D	03-29-1988	N	1303.23					19			78													
B-103D	07-13-1988	N		6.8	738	17		15			86													
B-103D	10-17-1988	N	1303.23	6.6	704	11.7		11			110													
B-103D	12-20-1988	N		6.9	708	8.4		12			85													
B-103D	04-26-1989	N		6.6	675	8.6		16			120													
B-103D	07-27-1989	N		6.6	718	11.8		11			100													
B-103D	10-26-1989	N		6.7	695	10.5		9			140													
B-103D	02-06-1990	N		7.2	658	5.5		7.6			100													
B-103D	05-23-1990	N	1302.93	6.9	732	10.6		10			59													
B-103D	08-29-1990	N	1303.68	7.95	712	13.5		45			180													
B-103D	12-03-1990	N		6.33	702	6		7			62													
B-103D	02-28-1991	N	1304.63	6.2	642	8.3		14			96													
B-103D	07-08-1991	N		6.3	560	11.3		7.9			210													
B-103D	09-09-1991	N	1305.03	6.5	699	11.3		7			48													
B-103D	01-02-1992	N	1304.63	6.2	1103	5.4		8			75													
B-103D	04-10-1992	N		6.6	664	14		6			87													
B-103D	07-08-1992	N	1304.83	6.6	750			15			90													
B-103D	10-07-1992	N	1304.13	6.6	615	12		17			99													
B-103D	04-15-1993	N		6.6	629	9.7		25	<0.5		190	1.3												
B-103D	05-20-1993	N																					<0.001	
B-103D	07-15-1993	N						31	<0.5		250	1.1											<0.005	
B-103D	11-24-1993	N	1302.73	7.1	1116	6.7		26	<0.5		220	1											<0.005	
B-103D	04-13-1994	N	1304.43	6.8	1123	10		26	<0.5		270	<0.5											<0.005	
B-103D	07-07-1994	N	1303.53	6.2	1045	17.8		52	<0.5		400	1											<0.005	
B-103D	11-28-1994	N	1303.13	7.1	1465	4.5		56	<0.5		520	1											<0.005	
B-103D	04-03-1995	N	1303.23	6.8	1489	7.3		53	<0.5		410	1.1											<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											<0.005	
B-103D	11-14-1995	N	1302.81	6.5	1415	7.1	<1	59	<0.5		290	1.2											<0.005	
B-103D	11-27-1995	N	1303.8	6.6	1230	5.2	0.3																<0.005	
B-103D	04-15-1996	N	1303.62	6.2	1110	5.3	0.3	50	<0.5		56	0.9											<0.005	
B-103D	07-09-1996	N	1305.12	6.5	720	9.6	0.3	62	<0.5		130	0.9											<0.005	
B-103D	11-11-1996	N	1305.98	6.5	880	4.7	0.4	55	<0.5		84	1.1											<0.005	
B-103D	04-07-1997	N	1305.75	6.6	1020	0.4	0.4	55	0.1		54	1.34											<0.02	
B-103D	07-07-1997	N	1305.78	6.1	980	13.9	0.4	169	<0.1		48	1.7											<0.02	
B-103D	11-11-1997	N	1305.23	6	660	4.9	<0.5	39	<0.1		69	0.1											<0.02	
B-103D	04-13-1998	N	1305.07	6.5	804	9	<0.5	35	<0.1		28	1.91												
B-103D	07-13-1998	N	1304.82	6.5	460	14.8	<0.5	23	0.1		99	1.5												
B-103D	11-16-1998	N	1308.8	6.3	610	6.2	<0.5	27	<0.1		55	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	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			
			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
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	04-05-1999	N	1304.17	6.4	550	9	0.2	23	<0.1		20	1.3													
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			
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			

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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		
			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
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)																								
SMCL				6.5-8.5				250										0.3	0.3		0.05	0.05	0.1	0.1
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
B-103D	04-23-2019	N	1303.74	6.7	96	12.6	<0.1	3.1	<0.5		<10	0.63						1.8						0.97
B-103D	07-08-2019	N	1303.95	6.67	94	14.6	<0.1	3	<0.5		<10	0.5		0.035	0.0069		<0.001	<0.001	0.5		<0.001			0.87
B-103D	11-05-2019	N	1304.09	6.88	101	12.3	<0.1	2.8	<0.5		<10	0.51						3.9						1
B-103D	04-21-2020	N	1304.51	6.74	105	13	<0.1	2.8	<0.5		<10	0.51						1.6						0.94
B-103D	07-15-2020	N	1304.25	6.76	96	16.5	<0.1	2.3	<0.5		<10	<0.5		0.041	0.0058		<0.001	<0.001	3.9		<0.001			1.2
B-103D	11-03-2020	N	1303.9	6.88	90	10.6	<0.1	2.8	<0.5		<10	<0.5						0.54						0.78
B-103D	11-03-2020	FD					<0.1	2.3	<0.5		<10	<0.5						0.51						0.8
B-103D	04-20-2021	N	1303.8	6.85	83	12.9	<0.1	2.6	<0.5		<10	1						1.4						1
B-103D	07-05-2021	N	1303.47	6.75	107	14.6	<0.1	2.4	<0.5		<10	0.5		0.042	0.0066		<0.001	<0.001	3.8		<0.001			1.1
B-103D	09-29-2021	N	1303.13																					
B-103D	11-01-2021	N	1302.91	6.82	85	13	<0.1	1.9	<0.5		<10	<0.5						3.9						1.2
B-103D	04-20-2022	N	1302.94	7.54	406	10.8	<0.1	2.6	<0.5		<10	0.93						3.7						1.2
B-103D	07-11-2022	N	1302.81	6.86	113	15.3	<0.1	2	<0.5		<10	1.1		0.04	0.0056		<0.001	<0.001	3.1		<0.001			1.2
B-103D	11-01-2022	N	1302.48	6.97	101	12.9	<0.1	2	<0.5		<10	<0.5						4.5						1.1
B-103D	04-18-2023	N	1303.03	7.08	101	12	<0.1	2	<0.5		<10	0.56						4.2						1.1
B-103D	07-10-2023	N	1303.34	7.13	139	15.5	<0.1	1.9	<0.5		<10	<0.5		0.038	0.0052		<0.001	<0.001	6.1		<0.001			1.2
B-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		<0.02	<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	<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	<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	<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	<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	<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	<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	<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																	

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									
			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						
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1	
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		<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																								
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	<0.005		<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	<0.005		<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												

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	
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1
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
B-304UR	04-18-2022	N	1291.26	6.71	207	12.5	<0.1	12	0.81		<10	0.76	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05	<0.001	<0.005		<0.001	<0.001
B-304UR	06-08-2022	N	1291.63	6.33	190	15.1	<0.1	13	0.91		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05	<0.001	<0.005		0.0019	<0.001
B-304UR	07-11-2022	N	1290.36	6.27	371	14.1	0.53	80	6.1		<10	<0.5					<0.05			<0.005				
B-304UR	11-02-2022	N	1289.29	6.74	336	12.7	0.1	22	1.9		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	0.097	<0.001	<0.005		0.001	<0.001
B-304UR	04-18-2023	N	1291.45	6.99	184	11.4	<0.1	16	<0.5		<10	<0.5					<0.05			<0.005				
B-304UR	07-11-2023	N	1290.75	6.66	232	15.3	<0.1	17	1.3		<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05	<0.001	<0.005		0.0014	<0.001
B-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																					

TABLE B.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																															
			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												
			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									
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N										
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1				0.015	0.3	0.3	0.1	0.1			
B-304DR	04-18-2011	N	1291.63	6.16	180	9.4	<0.1	10	<0.5		<10	<0.5																						
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	<0.001	<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														
B-304DR	04-10-2012	N	1290.22	6.5	780	9.5	<0.1	12	0.6		<10	<0.5								0.11														
B-304DR	07-17-2012	N	1290.06	6.7	280	17	<0.1	12	0.6		<10	<0.5								<0.05														
B-304DR	11-07-2012	N	1289.65	6.61	251	9.4	<0.1	12	0.5		<10	<0.5								<0.05														
B-304DR	04-10-2013	N	1289.72	6.7	370	10.4	<0.1	12	0.6		<10	<0.5								0.43														
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														
B-304DR	04-22-2014	N	1290.45	6.53	380	15.4	<0.1	15	0.7		<10	<0.5								<0.05														
B-304DR	04-22-2014	FD					<0.1	16	0.8		<10	<0.5								<0.05														
B-304DR	07-15-2014	N	1291.45	6.31	310	19.9	<0.1	17	<0.5		<10	0.5								<0.05														
B-304DR	11-05-2014	N	1290.22	6.53	2580	12.7	<0.1	20	0.6		<10	<0.5								<0.05														
B-304DR	04-14-2015	N	1289.51	6.52	306	14.6	<0.1	21	<0.5		<10	0.6								<0.05														
B-304DR	04-14-2015	FD					<0.1	21	<0.5		<10	0.8								<0.05														
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														
B-304DR	04-12-2016	N	1291.63	6.58	373	11.5	<0.1	14	0.6		<10	<0.5								<0.05														
B-304DR	04-12-2016	FD					<0.1	15	0.6		<10	0.7								<0.05														
B-304DR	07-12-2016	N	1290.54	6.7	347	16.7	<0.1	24	0.8		<10	<0.5								<0.05														
B-304DR	11-07-2016	N	1288.8	6.35	277	13.1	<0.1	21	<0.5		<10	<0.5								<0.05														
B-304DR	04-04-2017	N	1288.72	6.61	326	11.3	<0.1	17	<0.5		<10	<0.5								<0.05														
B-304DR	04-04-2017	FD		6.61	326	11.3	<0.1	17	<0.5		<10	<0.5								<0.05														
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														
B-304DR	04-23-2018	N	1290.35	6.44	287	15.9	<0.1	24	<0.5		<10	<0.5								0.18														
B-304DR	07-11-2018	N	1290.88	5.84	302	17.7	<0.1	25	0.71		<10	<0.5								<0.05														
B-304DR	11-05-2018	N	1288.83	7.04	262	11.4	<0.1	21	<0.5		<10	<0.5								<0.05														
B-304DR	04-23-2019	N	1289.99	6.51	277	11.4	<0.1	25	<0.5		<10	1.3								0.11														
B-304DR	04-23-2019	FD					<0.1	25	<0.5		<10	<0.5								0.13														
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														
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														
B-304DR	04-21-2020	FD					0.36	57	<0.5		<10	<0.5								0.14														
B-304DR	07-13-2020	N	1290.76	6.45	510	16	0.65	100	0.69		<10	<0.5								<0.05														
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														
B-304DR	12-15-2020	N	1289.59	6.75	522	7.1	0.4	61	0.92		<10	<0.5								<0.05														
B-304DR	01-13-2021	N	1290.64	6.99	478	9.1	0.35	55	0.91		<10	<0.5								0.11														
B-304DR	02-15-2021	N	1290.74	6.9	388	10	0.23	42	1.1		10	<0.5								<0.05														
B-304DR	03-17-2021	N	1290.08	6.93	410	9.1	0.31	58	1.4		<10	<0.5								<0.05														
B-304DR	04-19-2021	N	1290.86	6.63	411	12.6	0.2	40	1.3		<10	<0.5								<0.05														
B-304DR	04-19-2021	FD					0.19	40	1.3		<10	<0.5								<0.05														
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								

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			
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D		
SMCL				6.5-8.5				250		250							0.3	0.3		0.05	0.05		0.1	0.1	
B-304DR	04-18-2022	FD					0.12	37	1.1		<10	1.3					<0.05				2.9				
B-304DR	06-08-2022	N	1290.95	6.21	393	17.5	0.12	32	2.2		<10	<0.5	<0.001	<0.0005	0.036	<0.001	<0.001	<0.001	0.16		<0.001	2.3		0.01	<0.001
B-304DR	07-11-2022	N	1290.26	6.27	472	15.5	0.17	45	2.7		<10	<0.5						<0.05				2.7			
B-304DR	11-02-2022	N	1289.3	6.44	328	15.3	0.11	37	1.2		<10	<0.5	<0.001	<0.0005	0.035	<0.001	<0.001	<0.001	<0.05		<0.001	2.4		0.01	<0.001
B-304DR	11-02-2022	FD					0.11	37	1.2		<10	<0.5							<0.05				2.3		
B-304DR	04-18-2023	N	1290.98	6.7	344	13.3	0.14	36	1.6		<10	<0.5							<0.05				2.2		
B-304DR	04-18-2023	FD					0.14	37	1.6		<10	<0.5							<0.05				2.3		
B-304DR	07-11-2023	N	1290.63	6.36	331	17.2	0.11	32	1		<10	<0.5	<0.001	<0.0005	0.026	<0.001	<0.001	<0.001	<0.05		<0.001	1.9		0.014	<0.001
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			
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			

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
SMCL				6.5-8.5				250		250							0.006	0.005	2	0.004	0.005	0.1			
MW-603	04-11-2013	N	1309.7	6	40	10.1	<0.1	2	<0.5		<10	<0.5													
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													
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													
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													
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			
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										<0.02			
MW-604	07-17-2000	N	1281.45	9.7	202	14.2	<0.1	1.83	0.31		18	0.233										<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																0.032			
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	

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				
			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		
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	D	D	T	D	D	T	D	D			
SMCL				6.5-8.5				250		250							0.006	0.005	2	0.004	0.005	0.1		0.3	0.3	0.1	0.1
MW-604	11-05-2007	N	1279.49																								
MW-604	04-21-2008	N	1279.73																								
MW-604	07-21-2008	N	1281.04	9.6	230	15.4	<0.1	<2.5	0.17		75	7.5						12					0.2				
MW-604	07-13-2009	N	1280.69	7.83	270	14.9	0.1	9	<0.5		220	1.1						0.2					0.03				
MW-604	07-13-2009	FD					0.1	9	<0.5		60	0.7						0.53					0.046				
MW-604	11-10-2009	N	1280.17																								
MW-604	07-12-2010	N	1280.46	7.83	250	17.7	0.2	7	<0.5		24	0.8						<0.05					0.049				
MW-604	11-03-2010	N	1280.56																								
MW-604	07-12-2011	N	1281.13	8	210	19	0.1	13	<0.5		32	1.6	<0.001	0.0036	0.046	<0.001	<0.001	<0.001	0.05		<0.001	0.13		0.002	<0.001		
MW-604	07-17-2012	FD					<0.1	13	<0.5		<10	0.6							0.68				0.19				
MW-604	07-17-2012	N	1279.48	7.8	290	20.5	<0.1	15	<0.5		24	0.7							0.57				0.19				
MW-604	07-08-2013	N	1279.65	7.34	340	17.7	<0.1	14	<0.5		24	1.8							0.25				0.041				
MW-604	04-23-2014	N	1279.94																								
MW-604	07-15-2014	N	1280.09	7.3	290	21	<0.1	20	<0.5		46	1.3						<0.05					0.23				
MW-604	04-14-2015	N	1279.42																								
MW-604	07-21-2015	N	1279.9	7.29	292	15.2	<0.1	18	<0.5		<10	<0.5						<0.05					0.074				
MW-604	04-12-2016	N	1279.72																								
MW-604	07-12-2016	N	1279.47	7.33	286	14.7	<0.1	15	0.6		<10	<0.5						<0.05					0.008				
MW-604	11-07-2016	N	1278.95																								
MW-604	04-03-2017	N	1278.73																								
MW-604	07-25-2017	N	1279.66	7.37	264	14	<0.1	15	0.7		<10	0.6							0.06				0.013				
MW-604	11-07-2017	N	1279.24																								
MW-604	04-24-2018	N	1279.54																								
MW-604	07-11-2018	N	1279.35	6.32	289	14.8	<0.1	14	<0.5		10	<0.5							0.82				0.2				
MW-604	07-11-2018	FD					<0.1	14	<0.5		12	<0.5							0.77				0.22				
MW-604	11-05-2018	N	1278.88																								
MW-604	04-23-2019	N	1279.33																								
MW-604	07-09-2019	N	1279.82	6.96	255	13.2	<0.1	21	<0.5		<10	<0.5						<0.05					<0.005				
MW-604	11-06-2019	N	1279.12																								
MW-604	04-21-2020	N	1279.69																								
MW-604	07-13-2020	N	1279.43	6.91	240	14.8	<0.1	26	<0.5		14	<0.5						<0.05					0.0086				
MW-604	11-03-2020	N	1279.38																								
MW-604	04-19-2021	N	1279.1																								
MW-604	05-27-2021	N	1279.18	7.03	274	13.4	<0.1	32	<0.5		<10	<0.5	<0.001	<0.001	0.073	<0.001	<0.001	<0.001	<0.05		<0.001	0.011		<0.001	<0.001		
MW-604	07-07-2021	N	1278.86	7.21	308	15.2	<0.1	39	<0.5		<10	<0.5	<0.001	0.00064	0.091	<0.001	<0.001	<0.001	<0.05		<0.001	0.013		<0.001	<0.001		
MW-604	09-29-2021	N	1278.34	6.89	341	12.6	<0.1	50	<0.5		<10	0.87	<0.001	0.00065	0.13	<0.001	<0.001	0.0013	0.71		0.0024	0.12		0.0013	<0.001		
MW-604	11-01-2021	N	1278.22	7.09	298	10.7	<0.1	36	<0.5		<10	<0.5	<0.001	<0.0005	0.09	<0.001	<0.001	<0.001	0.078		<0.001	0.0067		<0.001	<0.001		
MW-604	02-22-2022	N	1278.12	7.2	287	10.1	<0.1	32	<0.5		<10	<0.5	<0.001	<0.0005	0.081	<0.001	<0.001	<0.001	<0.05		<0.001	0.0094		<0.001	<0.001		
MW-604	04-18-2022	N	1278.58	6.97	171	11.6	<0.1	35	<0.5		<10	1.2	<0.001	<0.0005	0.081	<0.001	<0.001	0.0012	<0.05		0.0018	0.0077		0.0013	<0.001		
MW-604	06-08-2022	N	1278.82	6.95	330	14.5	<0.1	40	<0.5		<10	0.55	<0.001	0.00059	0.093	<0.001	<0.001	<0.001	<0.05		<0.001	0.015		0.002	<0.001		
MW-604	07-11-2022	N	1278.53	7.11	339	14.3	<0.1	26	<0.5		<10	<0.5						0.37				0.025					
MW-604	11-02-2022	N	1278.12	7.18	298	12.9	<0.1	25	<0.5		<10	<0.5	<0.001	0.00061	0.091	<0.001	<0.001	<0.001	<0.05		<0.001	0.052		<0.001	<0.001		
MW-604	04-18-2023	N	1278.11																								
MW-604	07-11-2023	N	1279.59	7.02	256	15.3	<0.1	11	<0.5		<10	<0.5	<0.001	<0.0005	0.057	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001		
MW-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				

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D		
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1	
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																						
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			

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		
			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
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)																								
SMCL				6.5-8.5				250	250								0.3	0.3		0.05	0.05	0.1	0.1	
MW-701	11-04-2014	N	1314.4	5.8	280	9.6	<0.1	28	1.3		<10	<0.5												
MW-701	04-14-2015	N	1313.78	6.2	269	8.9	<0.1	33	1.5		<10	<0.5												
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											0.59	
MW-701	04-20-2020	N	1317.18	6.57	350	7.1	<0.1	33	2.5	52	14	<0.5											0.65	
MW-701	07-15-2020	N	1318.26	6.83	256	10.7	<0.1	16	2.1	38	16	<0.5							<0.05				0.18	
MW-701	11-02-2020	N	1317.55	6.86	206	7.2	<0.1	6.5	2.8	32	<10	<0.5							<0.05				0.14	
MW-701	01-13-2021	N	1317.18	6.52	308	6.7	<0.1	10	0.64	32	<10	<0.5							<0.05				0.15	
MW-701	04-19-2021	N	1317.08	7.25	279	7.7	<0.1	22	<0.5	54	<10	<0.5							<0.05				0.32	
MW-701	07-06-2021	N	1317.15	6.85	386	11.5	<0.1	22	<0.5	48	<10	<0.5	<0.001	<0.0005	0.0095	<0.001	<0.001	<0.001	<0.05		<0.001	0.41	<0.001	<0.001
MW-701	11-01-2021	N	1316.54	6.95	188	10.7	<0.1	11	<0.5	31	<10	<0.5							<0.05				0.55	
MW-701	01-06-2022	N	1316.01	7.56	211	7.2	<0.1	9.9	<0.5	31	<10	0.75							<0.05				0.74	
MW-701	04-18-2022	N	1316.66	6.53	174	7.8	<0.1	14	0.5	20	<10	<0.5							<0.05				0.26	
MW-701	07-12-2022	N	1315.47	6.57	168	11.5	<0.1	9.8	<0.5	22	<10	<0.5							<0.05				0.44	
MW-701	11-02-2022	N	1315.15	6.68	228	11.1	<0.1	8.5	0.52	18	<10	0.71							<0.05				1.2	
MW-701	01-04-2023	N	1315.82	6.7	230	7.5	<0.1	7	0.97	21	<10	<0.5							<0.05				1.2	
MW-701	04-19-2023	N	1315.87	6.47	238	6.4	<0.1	5	2	17	<10	0.53							<0.05				1.3	
MW-701	07-12-2023	N	1317.77	6.51	222	13.8	<0.1	10	2	21	<10	0.5	<0.001	<0.0005	0.01	<0.001	<0.001	<0.001	<0.05		<0.001	0.4	0.0012	<0.001
MW-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
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

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													
			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										
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																							
SMCL				6.5-8.5				250				250						0.006	0.005	2	0.004	0.005	0.1				0.015	0.3	0.3	0.1	0.1				
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																							
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															
MW-801	11-01-2005	N	1307.15	6.1	117	10.5	<0.1	4.45	0.055		<15	0.455																							
MW-801	04-10-2006	N	1306.97	5.7	136	8.6	<0.1	5.06	0.047		<15	0.289																							
MW-801	07-10-2006	N	1307.38	6.6	100	14.6	0.249	3.18	0.06		<15	0.184																							
MW-801	11-06-2006	N	1307.34	6.7	130	9.3	<0.1	<2.5	<0.02		<15	0.826																							
MW-801	04-09-2007	N	1306.95	6.7	130	5	<0.1	2.74	0.029		17	0.781																							
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															
MW-801	11-05-2007	N	1306.43	7	120	9	<0.1	3.2	0.22		<10	0.35																							
MW-801	04-21-2008	N	1305.93	6.97	100	14.9	<0.1	3	0.02		29	0.48																							
MW-801	07-21-2008	N	1305.9	6.3	100	13.2	<0.1	3.1	<0.02		62	2.2																							
MW-801	11-18-2008	N	1306.6	5.94	100	5.2	<0.1	2.8	<0.02		10	0.23																							
MW-801	04-07-2009	N	1307.15	6.32	110	7.6	<0.1	3	<0.5		<10	<0.5																							
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															
MW-801	11-09-2009	N	1307	6.8	60	12.6	<0.1	3	<0.5		<10	<0.5																							
MW-801	04-08-2010	N	1306.94	6.36	230	11.7	<0.1	3	<0.5		<10	<0.5																							
MW-801	07-13-2010	N	1307.09	5.96	100	15.2	<0.1	2	<0.5		<10	<0.5																							
MW-801	11-02-2010	N	1307.22	6.11	160	6.4	<0.1	3	<0.5		<10	<0.5																							
MW-801	04-18-2011	N	1309.48	6.67	80	12.3	<0.1	4	<0.5		<10	<0.5																							
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															
MW-801	11-02-2011	N	1307.2	7.28	100	8.3	<0.1	3	<0.5		<10	<0.5																							
MW-801	04-10-2012	N	1305.88	6.6	160	9.5	<0.1	10	<0.5		<10	1.4																							
MW-801	07-18-2012	N	1305.59	6.43	240	19.9	<0.1	25	<0.5		14	0.5																							
MW-801	11-06-2012	N	1305.29	6.84	252	7.1	<0.1	13	<0.5		<10	<0.5																							
MW-801	04-10-2013	N	1304.97	6.89	660	9.8	<0.1	40	<0.5		<10	<0.5																							
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															
MW-801	11-07-2013	N	1305.83	5.36	880	8.2	<0.1	12	<0.5		<10	<0.5																							
MW-801	04-22-2014	N	1306.57	6.27	200	13.8	<0.1	8	<0.5		<10	<0.5																							
MW-801	07-14-2014	N	1305.85	7.11	179	15	<0.1	21	<0.5		<10	<0.5																							
MW-801	11-04-2014	N	1305.49	7.14	500	10.4	<0.1	5	<0.5		<10	<0.5																							
MW-801	04-14-2015	N	1305.1	7.01	133	12.5	<0.1	5	<0.5		<10	<0.5																							
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															
MW-801	11-10-2015	N	1304.67	6.73	145	14.1	<0.1	4	<0.5		<10	<0.5																							
MW-801	04-11-2016	N	1304.55	6.96	239	7.4	<0.1	3	<0.5		<10	<0.5																							
MW-801	07-11-2016	N	1304.69	6.96	292	19.2	<0.1	11	<0.5		<10	<0.5																							
MW-801	11-07-2016	N	1304.21	7.05	189	12	<0.1	6	<0.5		<10	<0.5																							
MW-801	04-03-2017	N	1304.18	6.93	123	13	<0.1	2	<0.5		<10	<0.5																							
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															
MW-801	11-09-2017	N	1304.84	7.1	150	11.3	<0.1	3	<0.5		<10	<0.5																							
MW-801	04-24-2018	N	1304.78	6.7	96	16.2	<0.1	2.4	<0.5		<10	<0.5																							
MW-801	07-11-2018	N	1304.65	6.45	146	17.8	<0.1	3.8	<0.5		<10	<0.5																							
MW-801	11-05-2018	N	1304.37	6.55	146	9.7	<0.1	5.1	<0.5		<10	<0.5																							
MW-801	04-22-2019	N	1304.93	6.69	106	15.1	<0.1	2.4	<0.5		<10	<0.5																							
MW-801	07-09-2019	N	1304.7	7.06	219	13.8	<0.1	6.5	<0.5		<10	<0																							

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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																						
			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			
			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
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)																									
SMCL				6.5-8.5					250			250													
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			
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			

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1	
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																						
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																						

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				
			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		
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	D	T	D	D	T	D	D				
SMCL				6.5-8.5				250		250							0.006	0.005	2	0.004	0.005	0.1		0.3	0.3	0.1	0.1
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						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						19							2.7		
MW-802	04-19-2023	N	1302.99	6.32	308	13.9	0.12	29	<0.5		11	0.6						19							2.6		
MW-802	07-12-2023	N	1303.15	6.15	332	17.9	0.14	33	<0.5		<10	0.78	<0.001	0.016	0.068	<0.001	<0.001	<0.001	16		<0.001	1.8			0.0028	<0.001	
MW-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	1306.07	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		

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	
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	D	D	
SMCL				6.5-8.5				250		250							0.3	0.3		0.015	0.3	0.3	0.1	0.1
MW-803	04-10-2012	N	1305.2	6.2	820	12	<0.1	7	<0.5		10	1.4						41				2.6		
MW-803	07-17-2012	N	1304.99	6.1	1550	23.6	<0.1	9	<0.5		<10	1.5						41				2.5		
MW-803	11-07-2012	N	1304.69	6.21	397	14.9	0.2	14	<0.5		22	1.5						42				2.9		
MW-803	04-10-2013	N	1304.33	5.8	680	12.8	0.3	24	<0.5		42	2.2						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						42				3.4		
MW-803	04-23-2014	N	1305.31	6.02	570	15	0.1	16	<0.5		40	2.1						47				5.3		
MW-803	04-23-2014	FD					0.1	16	<0.5		41	1.9						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						40				3.7		
MW-803	11-05-2014	FD					<0.1	13	<0.5		13	1.4						39				3.6		
MW-803	04-14-2015	N	1304.17	6.17	542	16.3	0.2	26	<0.5		54	2.3						57				5.7		
MW-803	04-14-2015	FD					0.2	27	<0.5		56	2.2						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

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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																						
			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			
			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
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)																									
SMCL				6.5-8.5					250			250													
MW-803	11-01-2021	N	1303.08	6.31	361	15.5	0.14	13	<0.5		52	1.4	<0.001	0.066	0.08	<0.001	<0.001	<0.001	57		<0.001	6.3		0.0028	<0.001
MW-803	11-01-2021	FD					0.13	13	<0.5		52	1.5		0.067					57			6.4			
MW-803	02-22-2022	N	1302.9																						
MW-803	04-18-2022	N	1303.23																						
MW-803	04-20-2022	N	1303.16	6.35	402	12.9	0.21	12	<0.5		52	1.7		0.071					54			5.6			
MW-803	04-20-2022	FD					0.21	12	<0.5		54	1.9		0.072					54			5.7			
MW-803	06-08-2022	N	1303.1																						
MW-803	07-11-2022	N	1302.97	6.18	412	20.3	0.16	13	<0.5		53	1.5							57			5.5			
MW-803	07-11-2022	FD					0.15	12	<0.5		42	1.2							57			5.4			
MW-803	11-01-2022	N	1302.63	6.3	393	18.2	0.26	13	<0.5		59	1.7		0.069					55			5.5			
MW-803	11-01-2022	FD					0.25	13	<0.5		71	2		0.069					54			5.5			
MW-803	04-19-2023	N	1303.04	6.38	401	14.2	0.22	13	<0.5		78	1.8		0.07					54			6.5			
MW-803	04-19-2023	FD					0.21	12	<0.5		78	1.7		0.071					56			6.7			
MW-803	07-12-2023	N	1303.36	6.3	416	20.8	0.21	13	<0.5		76	2	<0.001	0.067	0.082	<0.001	<0.001	<0.001	53		<0.001	5.8		0.0031	<0.001
MW-803	07-12-2023	FD					0.2	13	<0.5		76	1.9	<0.001	0.069	0.084	<0.001	<0.001	<0.001	56		<0.001	5.9		0.0032	<0.001
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			

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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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D		
SMCL				6.5-8.5				250	250									0.3	0.3		0.05	0.05	0.1	0.1	
B-903U	04-11-2012	N	1313.12	6.4	170	6.6	<0.1	3	0.7		<10	<0.5													
B-903U	07-17-2012	N	1313.16	6.56	250	13.9	0.2	3	0.6		<10	<0.5													
B-903U	11-07-2012	N	1312.91	6.49	124	4.6	<0.1	2	<0.5		<10	<0.5													
B-903U	12-05-2012	N	1312.78	6.7	80	8.1	<0.1	3	<0.5		<10	<0.5													
B-903U	04-10-2013	N	1312.65	6.6	130	6	<0.1	2	<0.5		<10	<0.5													
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													
B-903U	04-22-2014	N	1313.11	6.36	220	11.7	<0.1	2	0.8		<10	<0.5													
B-903U	07-15-2014	N	1313.42	6.45	119	10.9	<0.1	2	<0.5		<10	<0.5													
B-903U	11-04-2014	N	1313.02	6.41	360	6.3	<0.1	2	0.5		<10	<0.5													
B-903U	04-15-2015	N	1312.24	7.08	130	10.3	<0.1	1	<0.5		<10	<0.5													
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													
B-903U	04-11-2016	N	1312.17	7	87	6.4	<0.1	<1	<0.5		<10	<0.5													
B-903U	07-11-2016	N	1312.43	6.78	101	11	<0.1	<1	0.7		<10	<0.5													
B-903U	11-07-2016	N	1311.92	6.75	98	8.2	<0.1	1	0.8		<10	<0.5													
B-903U	04-03-2017	N	1311.39	6.98	87	8.9	<0.1	1	0.6		<10	<0.5													
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													
B-903U	04-24-2018	N	1312.13	6.47	105	10.5	<0.1	1.6	0.66		<10	<0.5													
B-903U	07-11-2018	N	1312.61	5.9	122	14.6	<0.1	2.1	0.84		<10	<0.5													
B-903U	11-05-2018	N	1312.19	6.74	101	7	<0.1	1.8	0.78		<10	<0.5													
B-903U	04-22-2019	N	1311.66	6.2	239	8.8	<0.1	1.8	0.96		<10	<0.5													
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													
B-903U	04-20-2020	N	1312.5	7.06	115	7.8	<0.1	2.2	1.3		<10	<0.5													
B-903U	07-16-2020	N	1312.9	6.86	108	10.7	<0.1	1.7	0.87		<10	<0.5													
B-903U	11-04-2020	N	1312.37	6.94	116	7.2	<0.1	1.8	1.3		<10	<0.5													
B-903U	04-20-2021	N	1312.12	6.56	92	7.8	<0.1	2.1	0.77		<10	<0.5													
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													
B-903U	04-20-2022	N	1311.12	6.77	114	6.7	<0.1	2.1	1.1		<10	<0.5													
B-903U	07-12-2022	N	1311.58	7.16	92	9.8	<0.1	1.8	0.85		<10	<0.5													
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													
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																						

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								
			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					
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N						
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
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																											
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																											

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		
			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
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)																								
SMCL				6.5-8.5				250										0.3	0.3		0.05	0.05	0.1	0.1
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			
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			

TABLE B.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																						
			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			
			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
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)																									
SMCL				6.5-8.5					250		250							0.3	0.3		0.05	0.05	0.1	0.1	
B-904U	12-05-2012	N	1311.16	6.8	80	8.1	<0.1	1	<0.5		<10	<0.5													
B-904U	04-10-2013	N	1310.92	6.46	670	8.2	<0.1	2	<0.5		<10	<0.5													
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			
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							<0.05			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												0.092	
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																						

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						
			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				
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D						
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1		0.3	0.3	0.1	0.1	
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																										
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																										

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			
			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	
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	T	D	D	T	D	D		
SMCL				6.5-8.5				250		250							0.3	0.3			0.05	0.05		0.1	0.1	
B-904L	07-12-2022	N	1309.68	7.75	101	13.2	<0.1	1.7	<0.5		<10	<0.5														
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				
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				

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D		
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1	
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				
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			

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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							
			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					
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	D	D	T	D	D	T	D	D						
SMCL				6.5-8.5				250		250							0.006	0.005	2	0.004	0.005	0.1		0.3	0.3	0.015	0.3	0.3	0.1	0.1
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																											
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	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001	

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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																						
			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			
			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
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)																									
SMCL				6.5-8.5																					
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													
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		<0.001	<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		<0.001	<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		<0.001	<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		<0.001	<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		<0.001	<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		<0.001	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		<0.001	0.038			
B-915U	07-09-2018	N	1315.11	5.73	206	13.6	<0.1	23	2.2		<10	<0.5							0.21		<0.001	0.023			
B-915U	11-06-2018	N	1313.16	6.78	153	10	<0.1	28	1.4		<10	<0.5							<0.05		<0.001	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		<0.001	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		<0.001	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		<0.001	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		<0.001	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		<0.001	<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		<0.001	<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		<0.001	<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		<0.001	<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		<0.001	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		<0.001	<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		<0.001	<0.005			
B-915U	07-11-2023	N	1315.87	6.47	143	12.8	<0.1	3.6	<0.5		<10	<0.5	<0.001	<0.0005	0.0062	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-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		<0.001	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																						

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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D		
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	0.1	
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																						
B-915M	11-02-2021	N	1304.79	6.04	290	7.8	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-20-2022	N	1304.94	6.36	378	6.5	<0.1	66	0.61		<10	<0.5							<0.05			<0.005			
B-915M	07-12-2022	N	1305.2	5.95	326	9.8	<0.1	67	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	11-01-2022	N	1304.74	6.21	326	9.3	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	04-18-2023	N	1305.73	6.31	344	8.3	<0.1	65	<0.5		<10	<0.5							<0.05			<0.005			
B-915M	07-11-2023	N	1306.11	6.52	352	11.4	<0.1	68	0.55		<10	<0.5	<0.001	<0.0005	0.027	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0011	<0.001
B-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																						

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										
			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							
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N									
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1		
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-915D	07-11-2023	N	1306.54																													
B-916U	08-08-2001	N	1303.86																													
B-916U	08-30-2001	N	1302.66																													
B-916U	09-13-2001	N	1302.06	5.99	128	12.3	<0.1	8.12			<15	<0.04						<0.01									1.16					
B-916U	01-24-2012	N	1308.36																													
B-916U	02-07-2012	N	1308.86																													
B-916U	03-06-2012	N	1306.43																													
B-916U	04-11-2012	N	1307.32																													
B-916U	05-16-2012	N	1309.93																													
B-916U	06-11-2012	N	1309.66	5.3	70	12.5	<0.1	5	<0.5		18	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.025			<0.001	<0.001						
B-916U	09-13-2012	N	1308.64	7.82	170	15	<0.1	8	<0.5		<10	<0.5	<0.001	0.001	0.045	<0.001	<0.001	0.002	1.7		0.004	0.2			0.008	<0.001						
B-916U	04-21-2014	N	1309.01	5.49	160	11.5																										
B-916U	07-15-2014	N	1308.69	5.34	150	14.5																										
B-916U	07-21-2015	N	1309.11	5.85	83	11.1	<0.1	3	<0.5		21	<0.5	<0.001	<0.0005	0.009	<0.001	<0.001	<0.001	<0.05		<0.001	0.007			0.002	<0.001						
B-916U	11-09-2015	N	1308.2	5.64	79	10.5	<0.1	3	0.5		13	<0.5							<0.05							0.007						
B-916U	04-12-2016	N	1313.09	6.67	83	5.7	<0.1	1	<0.5		<10	<0.5							<0.05							0.008						
B-916U	07-13-2016	N	1310.51	5.95	79	12.9	<0.1	1	<0.5		<10	<0.5							<0.05							0.008						
B-916U	11-08-2016	N	1310.29	5.85	107	9.3	<0.1	2	0.7		<10	<0.5							<0.05							0.008						
B-916U	04-04-2017	N	1312.96	6.09	67	6.9	<0.1	3	0.6		<10	<0.5							<0.05							0.011						
B-916U	07-24-2017	N	1313.76	5.91	72	9.4	<0.1	4	<0.5		10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	0.009			<0.001	<0.001						
B-916U	11-08-2017	N	1312.4	6.59	89	9.2	<0.1	5	<0.5		<10	<0.5							0.06							0.015						
B-916U	04-24-2018	N	1314.31	5.49	81	10.9	<0.1	11	<0.5		<10	<0.5							<0.05							0.015						
B-916U	07-09-2018	N	1312.13	5.2	97	15.3	<0.1	10	0.65		<10	<0.5							<0.05							0.015						
B-916U	11-06-2018	N	1306.89	5.58	79	10.4	<0.1	11	<0.5		<10	<0.5							<0.05							0.014						
B-916U	04-22-2019	N	1314.7	5.82	89	11.1	<0.1	10	0.58		<10	<0.5							<0.05							0.015						
B-916U	07-09-2019	N	1314.73	5.63	74	10.3	<0.1	9.1	<0.5		<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.015			<0.001	<0.001						
B-916U	11-05-2019	N	1315.36	6.26	89	10	0.11	8.7	<0.5		12	<0.5							<0.05							0.014						
B-916U	04-21-2020	N	1314.96	5.69	71	9	<0.1	4.3	<0.5		<10	<0.5							<0.05							0.01						
B-916U	07-15-2020	N	1313.54	6.48	82	9.9	<0.1	5	<0.5		<10	<0.5							<0.05							0.0092						

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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																						
			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			
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D	
SMCL				6.5-8.5				250	250								0.3	0.3		0.015	0.3	0.3	0.1	0.1	
B-916U	11-02-2020	N	1310.65	6.02	72	8.3	<0.1	4	0.62		<10	<0.5													
B-916U	04-19-2021	N	1310.15	5.77	78	8.8	<0.1	4	<0.5		<10	<0.5													
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						
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						
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						
B-916U	11-01-2022	N	1308.33	5.65	76	12.5	<0.1	3.9	<0.5		<10	<0.5													
B-916U	04-18-2023	N	1312.1	6.03	69	7.3	<0.1	2.3	<0.5		<10	<0.5							<0.05						
B-916U	07-10-2023	N	1313.33	5.76	74	13.2	<0.1	2.2	<0.5		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	0.0054		<0.001	<0.001
B-916M	08-08-2001	N	1282.49																						
B-916M	08-30-2001	N	1279.96																						
B-916M	09-14-2001	N	1280.91	9.17	135	12.3	0.447	4.35			<15	<0.04							0.044					<0.005	
B-916M	02-07-2012	N	1283.17																						
B-916M	03-06-2012	N	1282.58																						
B-916M	04-11-2012	N	1282.74																						
B-916M	05-16-2012	N	1283.26																						
B-916M	06-11-2012	N	1283.25	7.6	280	18	<0.1	53	<0.5		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.006	<0.001
B-916M	09-13-2012	N	1282.47	6.69	1180	11.3	<0.1	56	<0.5		<10	<0.5	<0.001	<0.001	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	04-21-2014	N	1282.34	6.45	410	13.2																			
B-916M	07-16-2014	N	1282.61	6.3	210	12.9																			
B-916M	07-21-2015	N	1282.16	6.71	213	10.4	<0.1	38	<0.5		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-09-2015	N	1281.44	6.7	271	9.4	<0.1	33	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-12-2016	N	1281.89	6.74	197	6.9	<0.1	29	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-13-2016	N	1281.96	7.27	191	11.5	<0.1	27	<0.5		<10	0.6							<0.05					<0.005	
B-916M	11-08-2016	N	1280.97	6.83	308	8.8	<0.1	26	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-04-2017	N	1280.72	6.87	180	7.7	<0.1	27	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-24-2017	N	1282.13	6.4	209	9.7	<0.1	30	<0.5		<10	0.6	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-08-2017	N	1281.58	6.76	223	8	<0.1	33	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-24-2018	N	1281.76	6.14	114	10.5	<0.1	47	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-09-2018	N	1282.2	6.41	271	14.8	<0.1	50	<0.5		<10	<0.5							<0.05					0.0074	
B-916M	11-06-2018	N	1280.93	7	237	8.4	<0.1	58	<0.5		<10	1							<0.05					<0.005	
B-916M	04-22-2019	N	1280.95	6.28	323	9.7	<0.1	72	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-09-2019	N	1282.27	6.25	357	9.5	<0.1	80	<0.5		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	11-05-2019	N	1281.46	6.18	418	8.5	<0.1	94	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-21-2020	N	1282.05	6.22	449	8.7	<0.1	96	<0.5		<10	<0.5							0.056					<0.005	
B-916M	07-15-2020	N	1281.74	6.25	443	9.5	<0.1	110	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	11-02-2020	N	1280.97	6.27	421	7.4	<0.1	110	0.51		<10	<0.5							<0.05					<0.005	
B-916M	04-19-2021	N	1280.87	6.24	426	8.6	<0.1	94	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-06-2021	N	1280.89	6.1	409	9.8	<0.1	82	0.58		<10	<0.5	<0.001	<0.0005	0.027	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-916M	09-29-2021	N	1280.17																						
B-916M	11-02-2021	N	1278.94	6.04	312	8.3	<0.1	70	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-18-2022	N	1280.25	6.3	341	9.3	<0.1	59	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-12-2022	N	1280.53	6.11	295	10.3	<0.1	58	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	11-01-2022	N	1280.04	6.09	302	9.9	<0.1	56	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	04-18-2023	N	1281.17	6.35	309	8	<0.1	55	<0.5		<10	<0.5							<0.05					<0.005	
B-916M	07-10-2023	N	1281.53	6.61	328	10.9	<0.1	56	0.54		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.002	<0.001

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		
			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
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												
SMCL				6.5-8.5					250		250													
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																					
B-916D	07-12-2022	N	1270.31	12.03	962	9.9	<0.1	19	<0.5		<10	<0.5							<0.05			<0.005		
B-916D	11-01-2022	N	1269.76																					
B-916D	04-18-2023	N	1271.18																					
B-916D	07-10-2023	N	1271.42																					
B-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

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			
			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
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)																									
SMCL				6.5-8.5					250		250														
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-917U	07-10-2023	N	1295.13	6.65	43	11.5	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.002	<0.001	<0.001	0.0025	<0.05		<0.001	<0.005		<0.001	<0.001
B-909	08-08-2001	N	1292.25																						
B-909	08-30-2001	N	1291.7																						
B-909	09-13-2001	N	1291.5																						
B-909	01-24-2012	N	1293.68																						
B-909	02-07-2012	N	1293.37																						
B-909	03-06-2012	N	1292.86																						
B-909	04-11-2012	N	1292.94																						
B-909	05-16-2012	N	1293.94																						
B-909	06-11-2012	N	1293.88	7.17	60	12.6	0.2	1	<0.5		<10	<0.5	<0.001	0.0016	0.032	<0.001	<0.001	0.003	1.3		0.003	0.07		0.007	<0.001
B-909	09-13-2012	N	1293.16	7.11	60	11.2	<0.1	5	<0.5		<10	<0.5	<0.001	<0.001	0.006	<0.001	<0.001	0.003	<0.05		0.001	<0.005		<0.001	<0.001
B-909	04-21-2014	N	1293.22	8.07	120	9.6																			
B-909	07-16-2014	N	1294.18	7.7	40	13.2																			
B-909	07-21-2015	N	1293.68	7.3	60	10.4	<0.1	1	<0.5		<10	<0.5	<0.001	0.0005	0.005	<0.001	<0.001	0.002	0.18		<0.001	<0.005		0.001	<0.001
B-909	11-09-2015	N	1292.1	7.22	38	6.7	<0.1	<1	<0.5		<10	<0.5							<0.05		<0.005				
B-909	04-12-2016	N	1293.23	7.26	59	6.6	<0.1	<1	<0.5		<10	<0.5							0.31		<0.005				
B-909	07-13-2016	N	1293.29	6.6	39	10.8	<0.1	<1	<0.5		<10	<0.5							<0.05		<0.005				
B-909	11-08-2016	N	1291.65	6.82	42	6.8	<0.1	<1	<0.5		<10	<0.5							0.1		<0.005				
B-909	04-04-2017	N	1291.45	7.06	59	5.7	<0.1	1	<0.5		<10	<0.5							0.07		<0.005				

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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			
			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
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)																									
SMCL				6.5-8.5					250			250													
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-909	07-10-2023	N	1293.26	6.76	92	12.2	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0049	<0.001	<0.001	0.0016	<0.05		<0.001	<0.005		<0.001	<0.001
B-917D	08-08-2001	N	1294.44																						
B-917D	08-30-2001	N	1293.76																						
B-917D	09-13-2001	N	1293.66	8.64	155	12.5	<0.1	8.49			<15	0.178							0.097		0.005				
B-917D	09-13-2001	FD					<0.1	4.77			<15	<0.04							0.197		0.008				
B-917D	01-24-2012	N	1295.42																						
B-917D	02-07-2012	N	1295.16																						
B-917D	03-06-2012	N	1294.66																						
B-917D	04-11-2012	N	1294.71																						
B-917D	05-16-2012	N	1295.16																						
B-917D	06-12-2012	N	1295.16	5.9	360	12.6	<0.1	30	<0.5		18	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917D	09-13-2012	N	1294.94	7.12	380	11.6	<0.1	31	<0.5		<10	<0.5	<0.001	<0.001	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-917D	04-21-2014	N	1294.99	7.95	350	12.7																			
B-917D	07-16-2014	N	1295.41	7.01	160	14.8																			
B-917D	07-21-2015	N	1294.83																						
B-917D	11-09-2015	N	1294.26																						
B-917D	04-12-2016	N	1294.71																						
B-917D	07-13-2016	N	1294.85	7.51	148	10.4	<0.1	15	<0.5		<10	<0.5							<0.05		<0.005				
B-917D	11-08-2016	N	1293.97																						
B-917D	04-04-2017	N	1293.82																						
B-917D	07-24-2017	N	1295.02																						
B-917D	11-08-2017	N	1294.46																						
B-917D	04-24-2018	N	1294.79																						
B-917D	07-10-2018	N	1295.26	6.78	201	13.3	<0.1	25	<0.5		<10	<0.5							<0.05		0.007				
B-917D	11-06-2018	N	1294.01																						
B-917D	04-23-2019	N	1294.16																						
B-917D	07-09-2019	N	1295.16																						
B-917D	11-05-2019	N	1294.54																						
B-917D	04-21-2020	N	1295																						
B-917D	07-15-2020	N	1294.8	6.46	203	9.8	<0.1	34	<0.5		<10	<0.5							0.097		<0.005				

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				
			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		
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	D	D	T	D	D	T	D	D			
SMCL				6.5-8.5				250		250							0.006	0.005	2	0.004	0.005	0.1		0.3	0.3	0.1	0.1
B-917D	11-02-2020	N	1293.99																								
B-917D	04-19-2021	N	1293.9																								
B-917D	07-06-2021	N	1293.88																								
B-917D	09-29-2021	N	1293.26																								
B-917D	11-02-2021	N	1293.04																								
B-917D	04-18-2022	N	1293.33																								
B-917D	07-12-2022	N	1293.49	6.14	159	10.5	<0.1	20	<0.5	<10	<0.5						<0.05				<0.005						
B-917D	11-01-2022	N	1293.02																								
B-917D	04-18-2023	N	1294.09																								
B-917D	07-10-2023	N	1294.43																								
B-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										<0.005						
B-918U	04-12-2016	N	1305.64	7.45	248	6.8	<0.1	21	0.5	<10	0.6										<0.005						
B-918U	07-12-2016	N	1304.1	7.02	115	11.9	<0.1	16	<0.5	<10	<0.5										<0.005						
B-918U	11-08-2016	N	1303.67	6.05	216	12.2	<0.1	31	0.8	<10	<0.5										<0.005						
B-918U	04-04-2017	N	1303.84	6.46	129	7	<0.1	19	0.7	<10	<0.5										<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										<0.005						
B-918U	04-24-2018	N	1304.78	6.16	90	11.3	<0.1	8.3	0.94	<10	<0.5										<0.005						
B-918U	07-09-2018	N	1304.31	5.48	116	16.1	<0.1	5.5	1.2	16	<0.5										<0.005						
B-918U	08-27-2018	N	1303.95	6.96	133	9.9	<0.1	18	0.64	<10	0.54										<0.005						
B-918U	11-05-2018	N	1303.39	6.39	269	7.1	<0.1	16	0.86	<10	<0.5										<0.005						
B-918U	04-22-2019	N	1304.39	5.96	112	12.9	<0.1	7	0.9	<10	<0.5										<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										<0.005						
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										<0.005						
B-918U	11-02-2020	N	1304.12	7.22	137	5	<0.1	15	0.97	<10	<0.5										<0.005						
B-918U	04-19-2021	N	1304.36	6.14	177	10.1	<0.1	16	2.4	<10	<0.5										<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										<0.005						
B-918U	02-22-2022	N	1302.89																								
B-918U	04-18-2022	N	1303.64	6.43	164	10.9	<0.1	16	2.1	<10	0.62										<0.005						
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										<0.005						
B-918U	11-01-2022	N	1302.58	6.2	172	13.8	<0.1	15	1.2	<10	<0.5										<0.005						

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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				
			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	
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	04-19-2023	N	1303.63	6.32	280	7.8	0.13	46	4.1		<10	<0.5														
B-918U	07-11-2023	N	1303.65	6.18	276	14.4	0.13	40	2.7		<10	<0.5	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001	
B-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-918M	07-11-2023	N	1303.5	6.5	177	13.3	<0.1	10	0.66	12	<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	0.0098		0.0014	<0.001	
B-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	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		
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D		
SMCL				6.5-8.5				250		250								0.3	0.3		0.05	0.05	0.1	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-918D	07-11-2023	N	1295.18	6.83	135	12.4																			
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																			

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							
			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					
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N							
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1
B-919U	07-14-2009	N	1306.54	5.56	180	12.9	<0.1	5	5.1		<10	<0.5	<0.001	<0.0005	0.015	<0.001	<0.001	0.002	<0.05		<0.001	<0.005		0.001	<0.001					
B-919U	07-30-2009	N																												
B-919U	08-24-2009	N	1306.52	5.8	260	16.1																								
B-919U	09-15-2009	N	1306.4	6.2	150	12.8																								
B-919U	10-14-2009	N	1306.03	5.46	140	8.5																								
B-919U	11-10-2009	N	1305.93	5.6	160	11.7	<0.1	7	2.4		10	<0.5		<0.0005					<0.05			<0.005								
B-919U	12-08-2009	N	1305.91	6.2	170	6.8																								
B-919U	01-07-2010	N	1305.8	5.9	170	7.6																								
B-919U	02-09-2010	N	1305.63	6.3	180	10.2																								
B-919U	03-09-2010	N	1305.49	5.3	150	11.3																								
B-919U	04-07-2010	N	1305.99	5.2	170	15.9	<0.1	13	1.2		<10	<0.5		<0.0005					<0.05			<0.005								
B-919U	05-25-2010	N	1306.58	5.5	170	19.1																								
B-919U	06-15-2010	N	1306.39	5.1	160	14																								
B-919U	07-13-2010	N	1306.61	5.6	160	18.9	<0.1	20	0.7		<10	<0.5							4.3			0.31								
B-919U	08-09-2010	N	1306.86	5.2	170	19																								
B-919U	09-08-2010	N	1306.54	5.3	170	13.8																								
B-919U	10-05-2010	N	1306.42	5.5	140	16																								
B-919U	11-02-2010	N	1306.61	5.2	190	7.9	<0.1	13	0.8		<10	<0.5		<0.001					<0.05			<0.005								
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								

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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																					
			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	
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	
SMCL				6.5-8.5				250	250								0.3	0.3		0.05	0.05		0.1	
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			<0.005				
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	0.0014	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	0.0072	<0.001	<0.001	0.0012	<0.05		<0.001	<0.001	
B-919U	09-29-2021	N	1303.52	6.54	119	12	<0.1	5.9	0.82		<10	<0.5	<0.001	<0.0005	0.024	0.024	<0.001	<0.001	0.0012	<0.05		<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	0.0071	<0.001	<0.001	0.0011	<0.05		<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	0.0085	<0.001	<0.001	0.001	<0.05		<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	0.0072	<0.001	<0.001	0.0029	<0.05		0.0032	<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	0.0071	<0.001	<0.001	0.001	<0.05		<0.001	<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	0.01	<0.001	<0.001	0.0011	<0.05		<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							<0.0056			<0.005		
B-919U	07-11-2023	N	1304.36	7.03	136	13.9	<0.1	3	<0.5		<10	<0.5	<0.001	<0.0005	0.005	0.005	<0.001	<0.001	<0.001	<0.05		<0.001	<0.001	
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	
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	
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	<0.001	
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	
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	
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	
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	<0.001	
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		

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				
			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	
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)																										
SMCL				6.5-8.5				250										0.3	0.3		0.015	0.3	0.3	0.1	0.1	
B-919D	11-06-2013	N	1293.94																							
B-919D	04-23-2014	N	1293.71																							
B-919D	07-16-2014	N	1293.82	7.3	92	14.5	<0.1	2	<0.5		<10	<0.5					0.07				0.027					
B-919D	11-04-2014	N	1293.4																							
B-919D	04-13-2015	N	1292.78																							
B-919D	07-20-2015	N	1293.12																							
B-919D	11-09-2015	N	1292.73																							
B-919D	04-11-2016	N	1292.91																							
B-919D	07-11-2016	N	1292.93	7.85	130	14.4	<0.1	2	<0.5		<10	<0.5					0.09				0.022					
B-919D	11-07-2016	N	1292.29																							
B-919D	04-03-2017	N	1291.98																							
B-919D	07-24-2017	N	1292.67																							
B-919D	11-07-2017	N	1292.69																							
B-919D	04-23-2018	N	1292.66	6.71	103	15.9																				
B-919D	07-09-2018	N	1293.03	7.11	150	16.8	<0.1	2.1	<0.5		<10	<0.5					0.068				0.024					
B-919D	11-05-2018	N	1292.37																							
B-919D	04-22-2019	N	1292.33																							
B-919D	07-08-2019	N	1293.03	7.81	149	15																				
B-919D	11-04-2019	N	1292.74																							
B-919D	04-20-2020	N	1293.11																							
B-919D	07-13-2020	N	1293.12	6.84	85	16.8	<0.1	2.2	<0.5		<10	<0.5						0.83				0.047				
B-919D	11-02-2020	N	1292.86																							
B-919D	04-19-2021	N	1292.47																							
B-919D	05-27-2021	N	1292.61	6.91	94	13.1	<0.1	2.2	<0.5		<10	<0.5	<0.001	0.0013	0.024	<0.001	<0.001	<0.001	0.091		<0.001	0.03		<0.001	<0.001	
B-919D	07-07-2021	N	1292.27	7.14	97	15	<0.1	2.3	<0.5		<10	<0.5	<0.001	0.0013	0.013	<0.001	<0.001	<0.001	0.076		<0.001	0.031		<0.001	<0.001	
B-919D	09-29-2021	N	1291.85	7.09	93	12.6	<0.1	1.8	<0.5		<10	<0.5	<0.001	0.0012	0.013	<0.001	<0.001	<0.001	0.088		<0.001	0.027		<0.001	<0.001	
B-919D	11-01-2021	N	1291.77	6.59	79	12.2	<0.1	2.1	<0.5		<10	<0.5	<0.001	0.0012	0.014	<0.001	<0.001	<0.001	0.091		<0.001	0.026		<0.001	<0.001	
B-919D	02-22-2022	N	1291.53	7.5	90	13.3	<0.1	2.1	<0.5		<10	<0.5	<0.001	0.0013	0.012	<0.001	<0.001	<0.001	0.073		<0.001	0.023		<0.001	<0.001	
B-919D	04-18-2022	N	1291.74	6.96	217	12.1	<0.1	2.2	<0.5		<10	<0.5	<0.001	0.0014	0.012	<0.001	<0.001	0.0014	0.088		0.0028	0.027		0.0014	<0.001	
B-919D	06-08-2022	N	1292.07	6.94	100	14.7	<0.1	2.5	<0.5		<10	<0.5	<0.001	0.0012	0.012	<0.001	<0.001	<0.001	0.07		<0.001	0.027		0.0013	<0.001	
B-919D	07-11-2022	N	1291.84	7	113	15.5	<0.1	2.3	<0.5		<10	<0.5						0.079			0.025					
B-919D	11-02-2022	N	1291.44	7.06	96	13.8	<0.1	2.3	<0.5		<10	<0.5	<0.001	0.0012	0.013	<0.001	<0.001	<0.001	0.076		<0.001	0.026		<0.001	<0.001	
B-919D	04-18-2023	N	1292.42																							
B-919D	07-11-2023	N	1292.73	7.47	102	14.7																				
B-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				

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										
			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							
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N								
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.015	0.3	0.3	0.1	0.1		
B-923U	07-16-2020	N	1319.41	7.61	56	9.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001							
B-923U	11-04-2020	N	1318.51	6.96	60	6.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005										
B-923U	04-20-2021	N	1318.4																													
B-923U	07-07-2021	N	1318.57																													
B-923U	11-02-2021	N	1317.71																													
B-923U	04-20-2022	N	1317.4	7.13	63	4.7	<0.1	1.6	<0.5		<10	0.55							<0.05			<0.005										
B-923U	07-12-2022	N	1318.2	7.32	55	9.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0035	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005				0.0027	<0.001					
B-923U	11-02-2022	N	1317.39	7.49	60	8.1	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005										
B-923U	04-19-2023	N	1318.38																													
B-923U	07-12-2023	N	1318.82																													
B-924U	11-08-2016	N	1330.27	7.16	121	8.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.001	0.015	<0.001	<0.001	<0.001	<0.05		<0.001	0.073		<0.001	<0.001							
B-924U	12-01-2016	N	1329.96																													
B-924U	01-04-2017	N	1329.65																													
B-924U	02-02-2017	N	1328.77																													
B-924U	03-02-2017	N	1328.87																													
B-924U	04-05-2017	N	1328.4	7.43	101	7.1	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.014	<0.001	<0.001	<0.001	<0.05		<0.001	0.013		<0.001	<0.001							
B-924U	07-25-2017	N	1331.76	7.33	91	7.7																										
B-924U	11-08-2017	N	1331.05	7.35	106	5.5	<0.1	<1	1.1		<10	<0.5							<0.05			<0.005										
B-924U	04-25-2018	N	1331.45																													
B-924U	07-10-2018	N	1333.9																													
B-924U	11-06-2018	N	1331.4																													
B-924U	04-23-2019	N	1329.94	6.45	82	8.9	<0.1	<1	1.8		<10	0.92							<0.05			<0.005										
B-924U	07-09-2019	N	1334.11	6.63	92	10.4	<0.1	<1	1		<10	<0.5	<0.001	<0.0005	0.0061	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001							
B-924U	11-05-2019	N	1331.95	6.81	104	7.8	<0.1	1	2.5		<10	<0.5							<0.05			<0.005										
B-924U	04-21-2020	N	1332.73																													
B-924U	07-16-2020	N	1333.89	6.74	82	9.3																										
B-924U	11-04-2020	N	1330.89																													
B-924U	04-20-2021	N	1329.9	6.73	78	7.6	<0.1	1	0.68		<10	0.53							<0.05			<0.005										
B-924U	07-07-2021	N	1329.3	7.13	96	11.6	<0.1	<1	1.2		<10	<0.5	<0.001	<0.0005	0.0081	<0.001	<0.001	0.0012	<0.05		<0.001	<0.005		<0.001	<0.001							
B-924U	09-29-2021	N	1329.41	7.32	98	6.9																										
B-924U	11-02-2021	N	1328.46	6.68	83	7.2	<0.1	<1	1.2		<10	<0.5							<0.05			<0.005										
B-924U	04-20-2022	N	1327.68																													
B-924U	07-12-2022	N	1329.07																													
B-924U	11-02-2022	N	1327.45																													
B-924U	04-19-2023	N	1329.02	6.98	90	7	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005										
B-924U	07-12-2023	N	1330.34	6.87	92	10.3	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0063	<0.001	<0.001	0.0017	<0.05		<0.001	<0.005				0.0017	<0.001					
B-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																													

TABLE B.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																						
			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			
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D		
SMCL				6.5-8.5				250	250									0.3	0.3		0.05	0.05	0.1	0.1	
B-924L	07-09-2019	N	1318.22																						
B-924L	11-05-2019	N	1317.57																						
B-924L	04-21-2020	N	1317.84																						
B-924L	07-16-2020	N	1318.19	9.28	105	9.1	<0.1	<1	<0.5		<10	<0.5						<0.05			0.0087				
B-924L	11-04-2020	N	1317.32																						
B-924L	04-20-2021	N	1317.2																						
B-924L	07-07-2021	N	1317.26																						
B-924L	11-02-2021	N	1316.5																						
B-924L	04-20-2022	N	1316.1																						
B-924L	07-12-2022	N	1316.89	6.32	61	15.4	<0.1	<1	<0.5		<10	<0.5						0.066			0.0099				
B-924L	11-02-2022	N	1316.07																						
B-924L	04-19-2023	N	1316.96																						
B-924L	07-12-2023	N	1317.4																						
B-925U	11-08-2016	N	1333.43	7.33	154	8.4	<0.1	<1	<0.5		<10	0.5	<0.001	0.001	0.009	<0.001	<0.001	<0.001	0.06		<0.001	0.031		<0.001	<0.001
B-925U	12-01-2016	N	1333.13																						
B-925U	01-04-2017	N	1332.51																						
B-925U	02-02-2017	N	1331.77																						
B-925U	03-02-2017	N	1331.41																						
B-925U	04-05-2017	N	1330.88	8.16	112	6.8	<0.1	<1	<0.5		<10	<0.5	<0.001	0.0011	0.014	<0.001	<0.001	0.001	0.28		<0.001	0.15		0.001	<0.001
B-925U	07-25-2017	N	1334.27																						
B-925U	11-08-2017	N	1333.81																						
B-925U	04-25-2018	N	1334.07	7.57	87	7.9	<0.1	<1	<0.5		<10	<0.5							0.64			0.19			
B-925U	07-10-2018	N	1337.02	6.96	118	12	<0.1	1.1	1		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	0.11		<0.001	0.067		<0.001	<0.001
B-925U	11-06-2018	N	1334.39	6.97	61	7.2	<0.1	<1	<0.5		<10	<0.5							<0.05			<0.005			
B-925U	04-23-2019	N	1333.04																						
B-925U	07-09-2019	N	1338.08																						
B-925U	11-05-2019	N	1335.3																						
B-925U	04-21-2020	N	1335.86	7.51	78	7.1	<0.1	<1	<0.5		<10	<0.5							0.064			<0.005			
B-925U	07-16-2020	N	1337.06	7.68	70	9.8	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.025	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-925U	11-04-2020	N	1334.63	7.62	58	6.2	<0.1	<1	<0.5		<10	<0.5							0.065			<0.005			
B-925U	04-20-2021	N	1334.44																						
B-925U	07-07-2021	N	1335.38																						
B-925U	11-02-2021	N	1333.26																						
B-925U	04-20-2022	N	1332.5	6.95	65	5.6	<0.1	<1	<0.5		<10	0.58							<0.05			<0.005			
B-925U	07-12-2022	N	1334.17	6.5	60	11.6	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.0082	<0.001	<0.001	0.0014	0.16		<0.001	0.0059		0.0021	<0.001
B-925U	11-02-2022	N	1331.98	6.73	61	7.6	<0.1	<1	<0.5		<10	<0.5							0.41			0.015			
B-925U	04-19-2023	N	1334.7																						
B-925U	07-12-2023	N	1336.08																						
B-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			

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															
			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												
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N													
SMCL				6.5-8.5				250		250								0.006	0.005	2	0.004	0.005	0.1			0.3	0.3		0.015	0.3	0.3	0.1	0.1				
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																									
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																									
B-925L	11-02-2022	N	1316.99																																		
B-925L	04-19-2023	N	1317.92																																		
B-925L	07-12-2023	N	1318.35																																		
B-926U	11-08-2017	N	1309.75	6.56	357	7.6	0.1	60	<0.5		<10	<0.5																									
B-926U	04-24-2018	N	1310.95	5.26	299	12.3	0.22	66	<0.5		<10	<0.5																									
B-926U	07-10-2018	N	1310.55	5.21	367	13	0.14	84	<0.5		14	<0.5																									
B-926U	11-06-2018	N	1307.79	6.24	147	9.2	<0.1	34	<0.5		15	<0.5																									
B-926U	04-23-2019	N	1308.41	5.69	125	8.9	<0.1	12	<0.5		<10	<0.5																									
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	<0.001	<0.05		<0.001															
B-926U	11-05-2019	N	1309.45	6.06	192	8.8	<0.1	31	<0.5		17	<0.5																									
B-926U	04-21-2020	N	1309.31	5.96	179	8	<0.1	24	<0.5		28	1																									
B-926U	07-15-2020	N	1308.4	6.51	186	10.5	<0.1	18	<0.5		48	1.4																									
B-926U	11-02-2020	N	1306.88	6.41	195	5.9	<0.1	29	<0.5		33	1																									
B-926U	04-20-2021	N	1307.54	6.03	216	8.4	0.11	14	<0.5		24	1																									
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																
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																									
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																									
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																									
B-926U	11-01-2022	N	1305.15	6.08	172	10.6	<0.1	11	<0.5		<10	<0.5																									
B-926U	04-18-2023	N	1306.97	6.04	254	9.1	0.2	8.5	<0.5		<10	<0.5																									
B-926U	07-12-2023	N	1307.45	5.94	250	11.5	0.13	5.3	<0.5		12	<0.5	<0.001	<0.0005	0.0088	<0.001	<0.001	<0.001	<0.05		<0.001																
B-926L	11-08-2017	N	1301.77	6.2	340	8	<0.1	60	<0.5		<10	<0.5																									
B-926L	04-24-2018	N	1301.94	6.27	287	13.2	<0.1	62	<0.5		<10	<0.5																									
B-926L	07-10-2018	N	1302.62	6.5	323	12.8	<0.1	63	<0.5		<10	<0.5																									
B-926L	11-06-2018	N	1301.49	6.47	254	8	<0.1	62	<0.5		<10	<0.5																									
B-926L	04-23-2019	N	1301.5	6.31	299	8.7	<0.1	64	<0.5		<10	<0.5																									
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																
B-926L	11-05-2019	N	1301.96	6.24	321	8.3	<0.1	61	<0.5		<10	<0.5																									
B-926L	04-21-2020	N	1302.47	6.63	309	8.4	<0.1	58	<0.5		<10	<0.5																									
B-926L	07-15-2020	N	1302.28	6.52	301	9.5	<0.1	60	<0.5		<10	<0.5																									
B-926L	11-02-2020	N	1301.61	6.49	275	7.1	<0.1	56	<0.5		<10	<0.5																									

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			
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	D	D	D	D	D	D	T	D	D	T	D	D	
SMCL				6.5-8.5				250		250			0.006	0.005	2	0.004	0.005	0.1		0.015	0.3	0.3	0.1	0.1	
B-926L	07-06-2021	N	1307.6	6.28	298	9.5	<0.1	54	<0.5		<10	<0.5	<0.001	<0.0005	0.028	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-926L	09-29-2021	N	1300.73																						
B-926L	11-02-2021	N	1300.48	6.33	244	7.7	<0.1	46	<0.5		<10	0.75							<0.05			<0.005			
B-926L	04-20-2022	N	1300.53	6.19	291	7	<0.1	47	0.56		<10	<0.5							<0.05			<0.005			
B-926L	07-12-2022	N	1300.88	6.01	258	11.4	<0.1	45	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	11-01-2022	N	1300.39	6.16	251	9	<0.1	43	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	04-18-2023	N	1301.39	6.38	254	8.6	<0.1	42	<0.5		<10	<0.5							<0.05			<0.005			
B-926L	07-12-2023	N	1301.73	6.38	257	11	<0.1	41	<0.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0017	<0.001
B-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										0.016			
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										0.0068			
B-927U	11-01-2022	N	1298.65	6.21	334	15.4	<0.1	48	<0.5		<10	<0.5							<0.05			<0.005			
B-927U	04-18-2023	N	1299.79	6.45	356	10.6	<0.1	54	0.54		<10	<0.5							<0.05			<0.005			
B-927U	07-11-2023	N	1300.21	6.29	387	16.5	<0.1	58	0.68		<10	<0.5	<0.001	<0.0005	0.032	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0025	<0.001
B-927M	11-07-2017	N	1297.14	7.25	93	14	<0.1	2	<0.5		47	<0.5	<0.001	0.0066	0.031	<0.001	<0.001	<0.001	2.1		0.003	0.2		0.002	<0.001
B-927M	04-24-2018	N	1298.14	6.51	96	19.4	<0.1	2.6	<0.5		48	0.65							2.5			0.22			
B-927M	07-09-2018	N	1298.85	6.27	110	18.1	<1	<10	<0.5		64	<0.5							0.87			0.15			
B-927M	11-06-2018	N	1297.45	6.52	89	12.1	<0.1	2.6	<0.5		73	<0.5							0.22		<0.001	0.099			
B-927M	04-22-2019	N	1301.79																						
B-927M	08-05-2019	N	1299.53	6.91	125	15.8	<0.1	3.1	<0.5		84	<0.5	<0.001	0.0043	0.028	<0.001	<0.001	<0.001	3.5		<0.001	0.22		0.0016	<0.001
B-927M	11-04-2019	N	1298.05	6.83	102	14.4	<0.5	5.3	<3		58	<0.5							2.4			0.2			
B-927M	04-20-2020	N	1298.86	6.95	114	14.3	<0.1	3.2	<0.5		54	<0.5							3.2			0.21			
B-927M	07-13-2020	N	1298.91	6.92	91	22.8	<0.1	3.4	<0.5		79	<0.5							2.4			0.23			
B-927M	11-02-2020	N	1297.96	7.12	107	13.1	<0.1	3.8	<0.5		57	<0.5							3.6			0.22			
B-927M	04-19-2021	N	1298.1	7.07	130	16.6	<0.1	4	<0.5		42	<0.5							3.6			0.23			
B-927M	07-05-2021	N	1298.26	7.2	128	17	<0.1	3.8	<0.5		44	<0.5	<0.001	0.0051	0.027	<0.001	<0.001	<0.001	4.9		<0.001	0.25		0.0028	<0.001
B-927M	09-29-2021	N	1297.14																						
B-927M	11-01-2021	N	1296.81	6.96	109	15.5	<0.1	3.5	<0.5		16	<0.5							4.1			0.25			
B-927M	04-18-2022	N	1296.95	6.94	144	14.4	<0.1	3.5	<0.5		63	0.91							2.1			0.23			
B-927M	07-11-2022	N	1297.14	6.94	167	17.9	<0.1	3.5	<0.5		62	<0.5							3.5			0.23			
B-927M	11-01-2022	N	1296.32	7.19	134	17	<0.1	3.4	<0.5		66	<0.5							3.6			0.25			
B-927M	04-18-2023	N	1297.46	7.37	140	14.4	<0.1	3.6	<0.5		48	0.68							3.3			0.26			
B-927M	07-11-2023	N	1297.76	7.06	153	20.2	<0.1	3.4	<0.5		61	0.61	<0.001	0.0056	0.041	<0.001	<0.001	<0.001	3.6		<0.001	0.26		0.0053	<0.001

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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			
			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
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)																									
SMCL				6.5-8.5					250		500														
B-927L	11-07-2017	N	1291.09	8.36	120	10.5	<0.1	2	<0.5		10	<0.5							<0.05			0.048			
B-927L	04-24-2018	N	1291.47																						
B-927L	07-09-2018	N	1291.6	7.17	108	14.8	<0.1	1.5	<0.5		<10	<0.5							0.14			0.23			
B-927L	11-06-2018	N	1291.05																						
B-927L	04-22-2019	N	1290.82																						
B-927L	08-05-2019	N	1291.2																						
B-927L	11-04-2019	N	1291.01																						
B-927L	04-20-2020	N	1291.46																						
B-927L	07-13-2020	N	1291.48	7.28	92	14.4	<0.1	1.2	<0.5		19	<0.5							0.053			0.25			
B-927L	11-02-2020	N	1291.07																						
B-927L	04-19-2021	N	1290.8																						
B-927L	07-05-2021	N	1290.56																						
B-927L	09-29-2021	N	1290.14																						
B-927L	11-01-2021	N	1290.02																						
B-927L	04-18-2022	N	1290.15																						
B-927L	07-11-2022	N	1290.24	7.11	115	16.1	<0.1	1.4	<0.5		18	<0.5							1.9			0.3			
B-927L	11-01-2022	N	1290.14																						
B-927L	04-18-2023	N	1291.01																						
B-927L	07-11-2023	N	1291.29																						
B-928U	09-29-2021	N	1285.42	6.32	238	9.8	0.11	29	0.65		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	11-01-2021	N	1283.92	6.63	197	9.7	<0.1	29	0.71		<10	<0.5	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	02-22-2022	N	1285.38	6.7	253	9.2	0.12	32	1.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	04-18-2022	N	1288.64	6.2	211	11.3	0.11	25	1.3		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	0.0018	<0.05		0.0026	<0.005		0.002	<0.001
B-928U	06-08-2022	N	1289.58	6.21	305	13.6	<0.1	20	1.4		<10	<0.5	<0.001	<0.0005	0.018	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0021	<0.001
B-928U	07-11-2022	N	1288.54																						
B-928U	11-02-2022	N	1286.3	6.51	216	10.8	<0.1	22	1.5		<10	<0.5	<0.001	<0.0005	0.016	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928U	04-18-2023	N	1289.3	6.5	151	9.2	<0.1	9.2	0.61		<10	<0.5							<0.05			<0.005			
B-928U	07-11-2023	N	1288.73	6.24	158	12.5	<0.1	10	0.92		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	09-29-2021	N	1281.83	6.52	308	10.5	0.16	35	0.8		<10	<0.5	<0.001	<0.0005	0.023	<0.001	<0.001	<0.001	<0.05		<0.001	0.034		0.0017	<0.001
B-928D	11-01-2021	N	1281.14	6.31	259	10.4	0.18	37	0.7		<10	<0.5	<0.001	<0.0005	0.023	<0.001	<0.001	<0.001	0.19		<0.001	0.018		0.0014	<0.001
B-928D	02-22-2022	N	1282.05	6	295	10.3	0.16	36	1.2		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	0.002	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	04-18-2022	N	1283.95	6.4	306	10.7	0.21	39	1.2		<10	<0.5	<0.001	<0.0005	0.02	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	06-08-2022	N	1284.93	6.22	312	12.4	0.18	35	1.5		<10	<0.5	<0.001	<0.0005	0.019	<0.001	<0.001	0.0011	0.13		<0.001	0.006		0.0023	<0.001
B-928D	07-11-2022	N	1284.29																						
B-928D	11-02-2022	N	1282.34	6.28	283	10.8	0.16	31	1.3		<10	0.64	<0.001	<0.0005	0.017	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		<0.001	<0.001
B-928D	04-18-2023	N	1284.88	6.72	233	9.6	<0.1	20	0.94		<10	<0.5							<0.05			<0.005			
B-928D	07-11-2023	N	1284.46	6.76	220	13.3	<0.1	14	1		<10	<0.5	<0.001	<0.0005	0.012	<0.001	<0.001	<0.001	<0.05		<0.001	<0.005		0.0014	<0.001
B-929U	11-02-2022	N	1332.93																						
B-929U	12-01-2022	N	1332.52	5.29	68	3.86	<0.1	1.2	1.6	6.2	<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	0.0011	<0.05		<0.001	0.0099		<0.001	<0.001
B-929U	03-20-2023	N	1333.52	6.57	84	7.7	<0.1	1.8	1.9	7	<10	<0.5	<0.001	<0.0005	0.0065	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-929U	04-19-2023	N	1333.67																						
B-929U	07-12-2023	N	1334.15	6.76	88	11.9	<0.1	1.5	2.6		<10	<0.5	<0.001	<0.0005	0.01	<0.001	<0.001	0.0013	<0.05		<0.001	<0.005		<0.001	<0.001
B-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

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			
			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
GW-1 (AGQS)			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	T	D	D	T	D	D	
SMCL				6.5-8.5				250	250								0.3	0.3		0.015	0.3	0.3	0.1	0.1	
B-929L	04-19-2023	N	1326.74																						
B-929L	07-12-2023	N	1327.81																						
B-930U	12-01-2022	N	1334.6	7.32	87	5.87	<0.1	1.3	<0.5	7.6	<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	0.0012	0.089		<0.001	0.018		<0.001	<0.001
B-930U	03-20-2023	N	1334.36	7.26	96	6.5	<0.1	<1	<0.5	7.7	<10	<0.5	<0.001	<0.0005	0.0084	<0.001	<0.001	0.0019	<0.05		<0.001	<0.005		<0.001	<0.001
B-930U	04-19-2023	N	1334.55																						
B-930U	07-12-2023	N	1335.2	6.76	99	12.9	<0.1	<1	<0.5		<10	<0.5	<0.001	<0.0005	0.008	<0.001	<0.001	0.0018	<0.05		<0.001	0.0065		<0.001	<0.001
B-930L	12-01-2022	N	1307.68	7.99	102	5.73	<0.1	<1	<0.5	5.7	<10	<0.5	<0.001	0.0051	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	0.099		<0.001	<0.001
B-930L	03-20-2023	N	1308.26	7.72	113	6.4	<0.1	<1	<0.5	4.7	<10	<0.5	<0.001	0.0051	0.0096	<0.001	<0.001	<0.001	<0.05		<0.001	0.071		<0.001	<0.001
B-930L	04-19-2023	N	1308.34																						
B-930L	07-12-2023	N	1308.64																						
B-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-931U	07-12-2023	N	1305.48	7.29	87	14.1	<0.1	1.9	<0.5		<10	<0.5		0.00052	0.0033		<0.001	<0.001	<0.05		<0.001	0.0092			
B-931L	11-02-2022	N	1304.4																						
B-931L	12-01-2022	N	1304.49	7.02	86	7.26	<0.1	2.2	<0.5	9.5	<10	<0.5	<0.001	<0.0005	0.013	<0.001	<0.001	<0.001	<0.05		<0.001	0.17		<0.001	<0.001
B-931L	03-20-2023	N	1305	7.27	107	5.6	<0.1	2.1	<0.5	7.7	<10	<0.5	<0.001	<0.0005	0.0077	<0.001	<0.001	<0.001	<0.05		<0.001	0.065		<0.001	<0.001
B-931L	04-19-2023	N	1305.17																						
B-931L	07-12-2023	N	1305.58	7.38	92	11.7	<0.1	1.9	<0.5		<10	<0.5		<0.0005	0.0067		<0.001	<0.001	<0.05		<0.001	0.06			

Appendix B.3

Surface Water Analytical Results

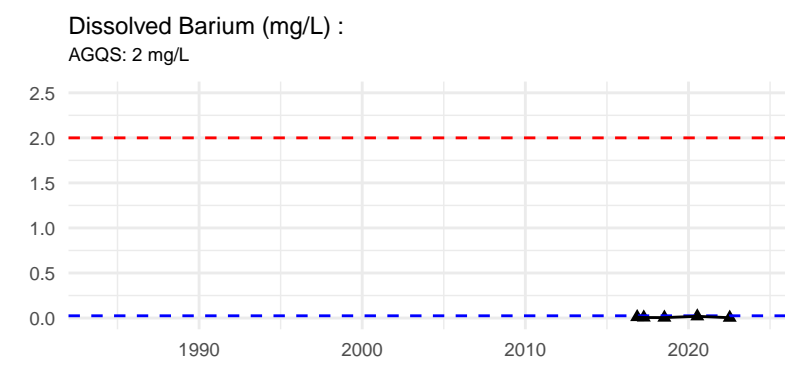
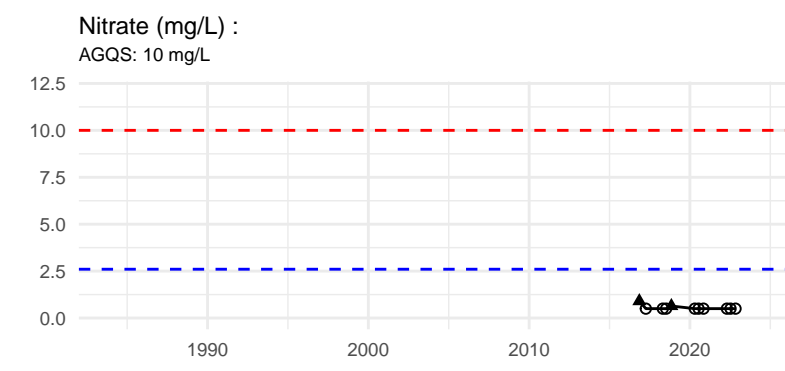
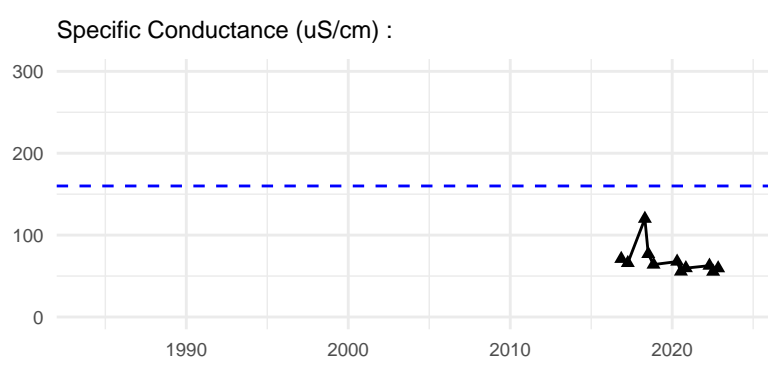
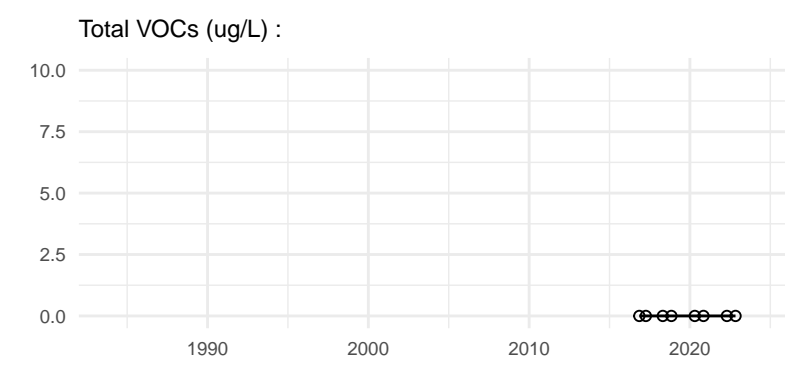
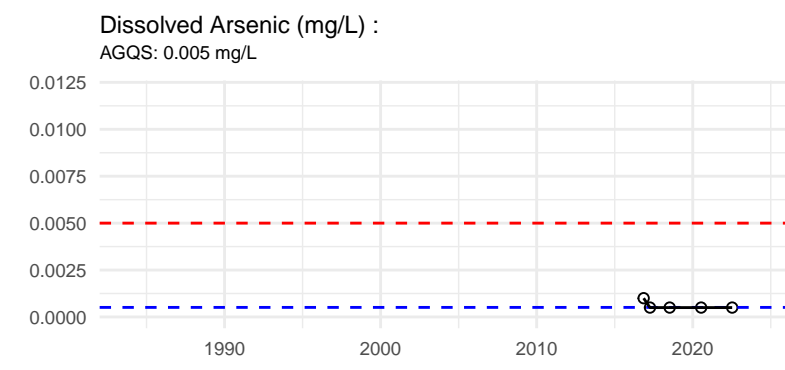
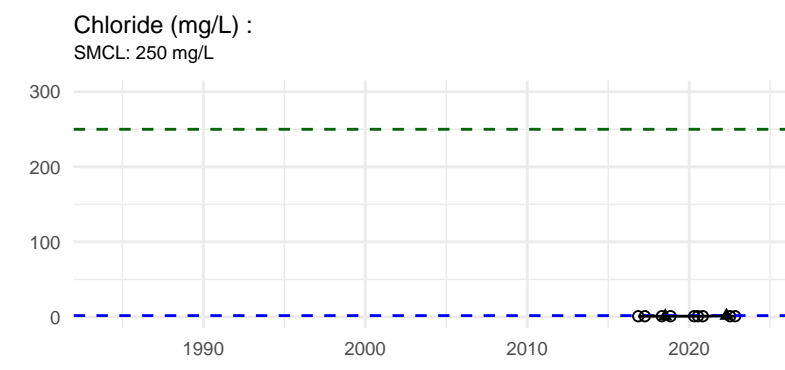
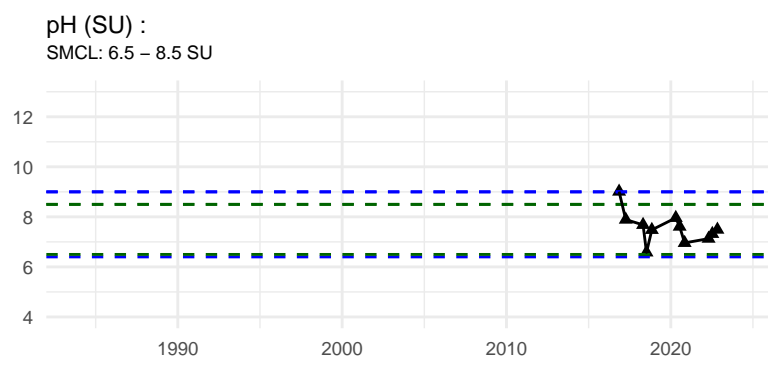
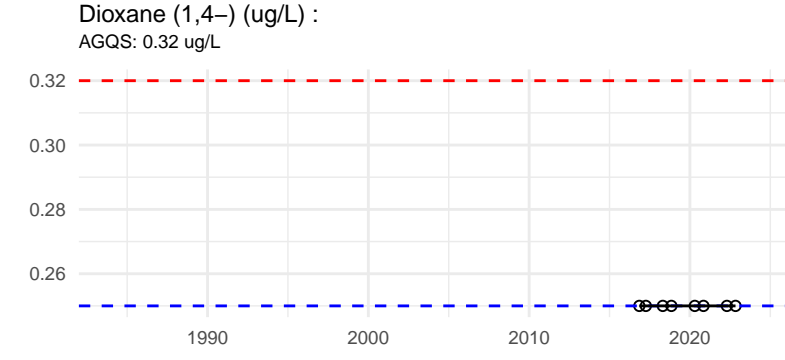
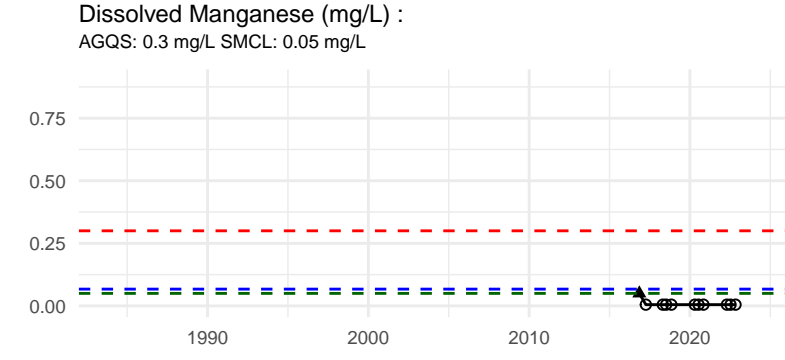
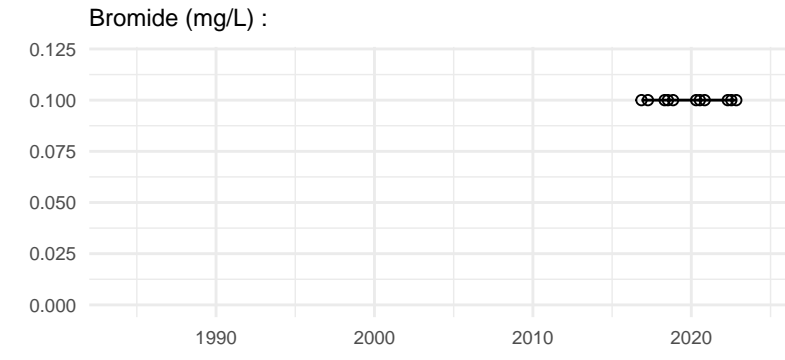
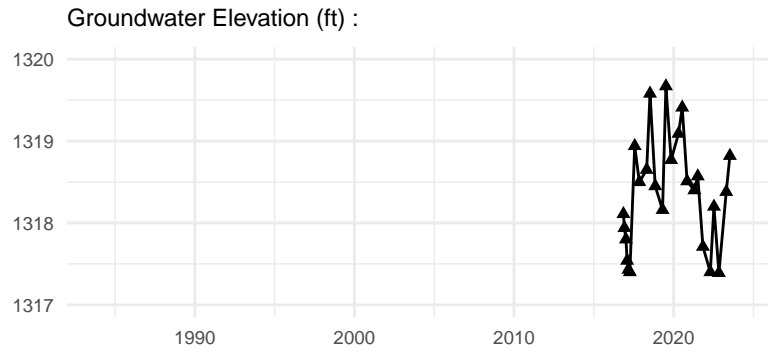
Appendix C

Time-Series Plots

Appendix C.1

Groundwater Analytical Results (Field and Indicator Parameters, VOCs)

BACKGROUND WELLS

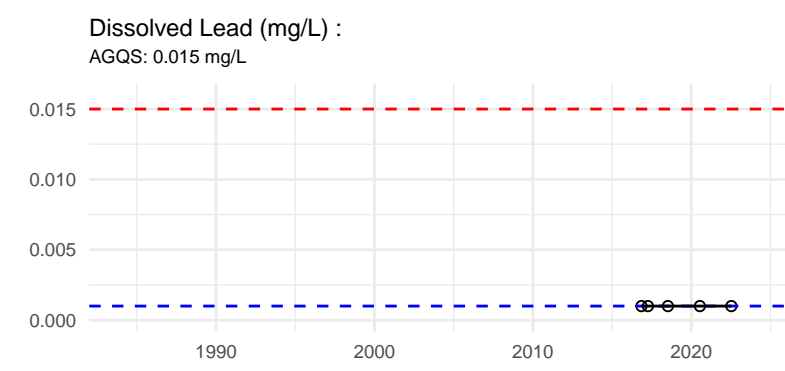
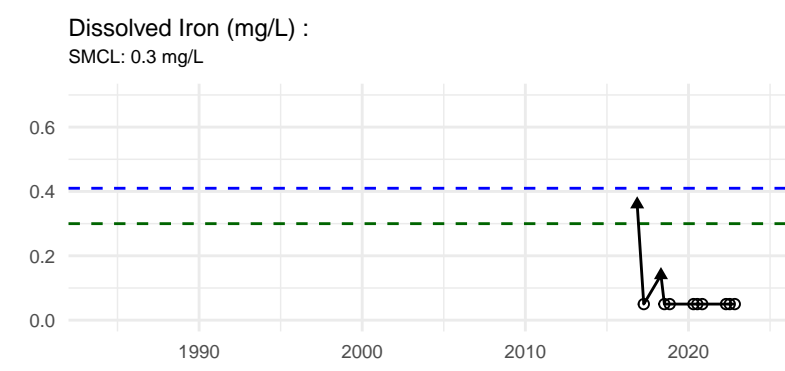
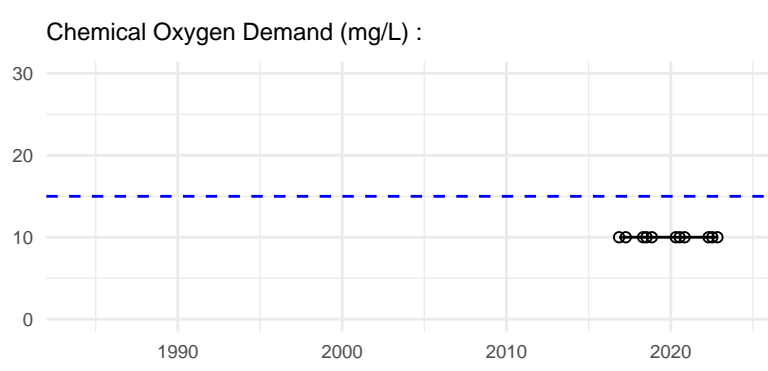
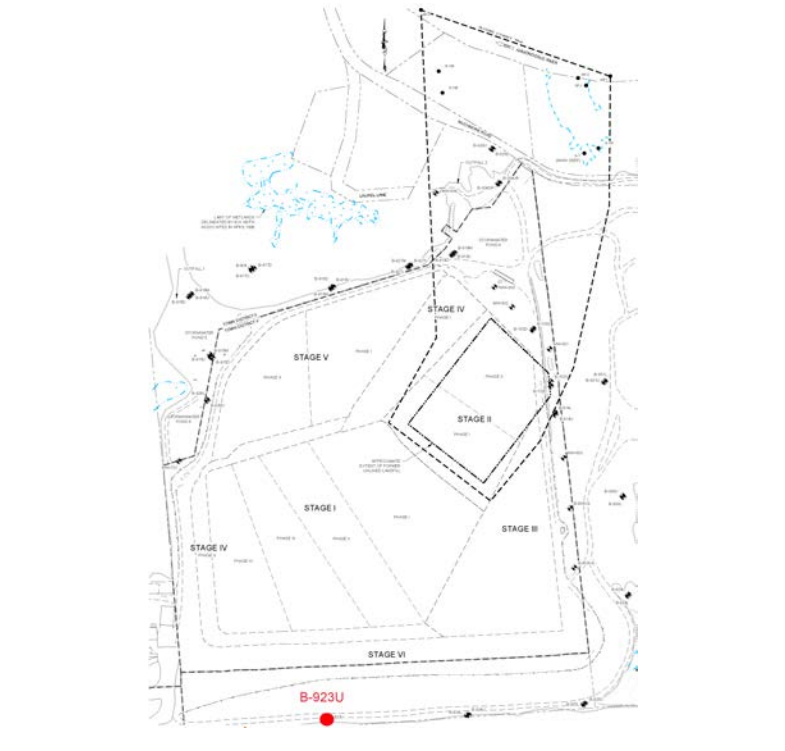
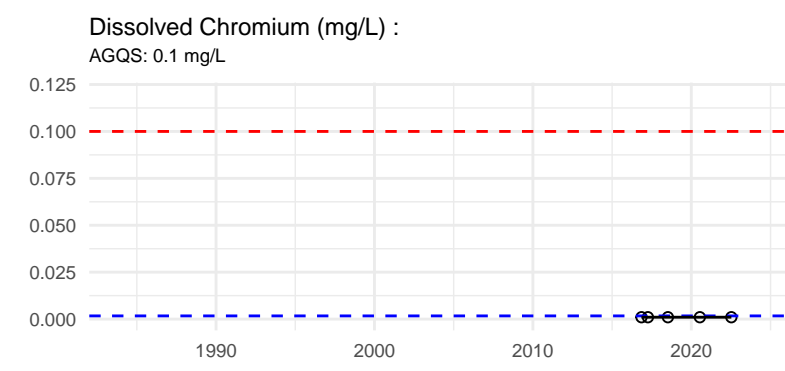
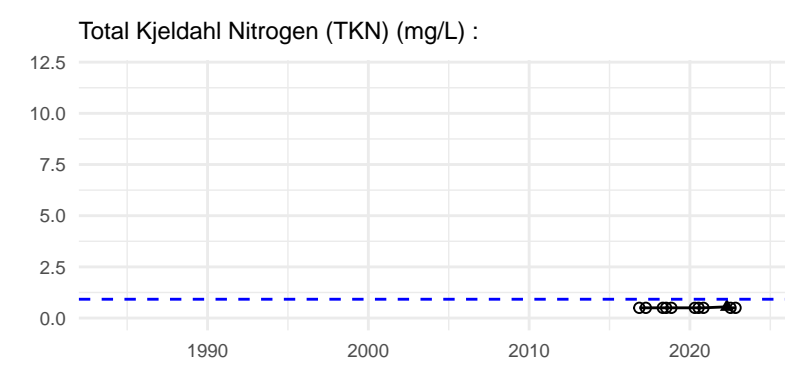
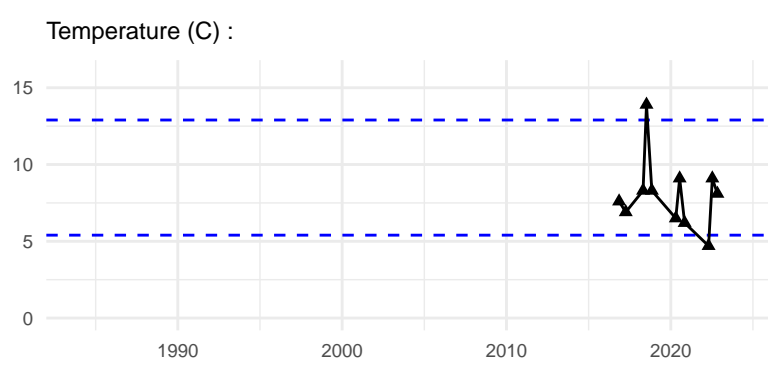


Result

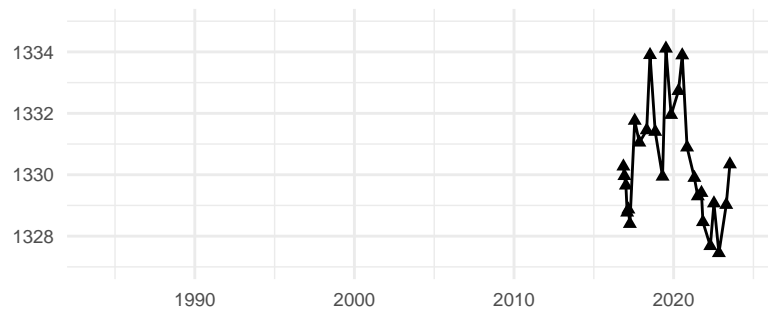
- ▲ Detect
- Non-Detect

Standard

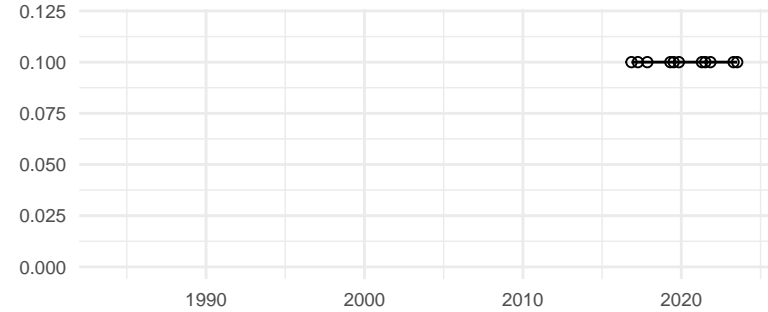
- - - AGQS
- - - SMCL
- - - Background



Groundwater Elevation (ft) :

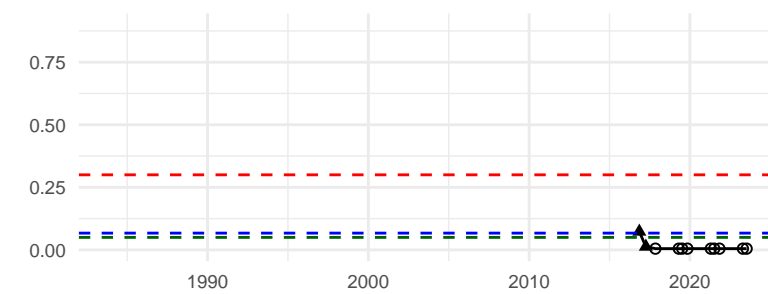


Bromide (mg/L) :



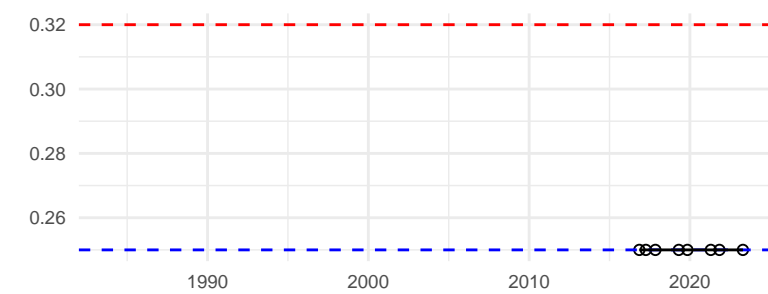
Dissolved Manganese (mg/L) :

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



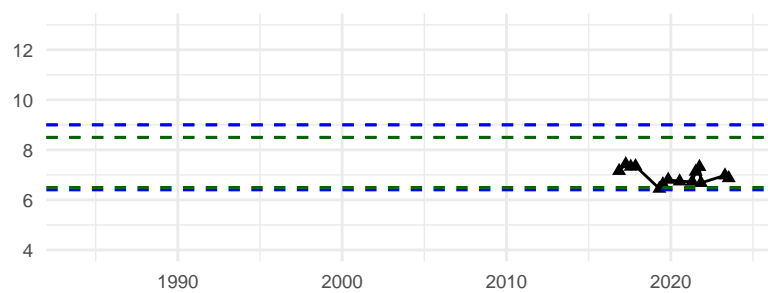
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



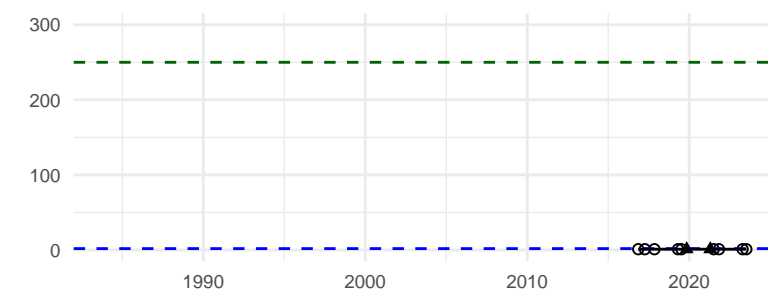
pH (SU) :

SMCL: 6.5 - 8.5 SU



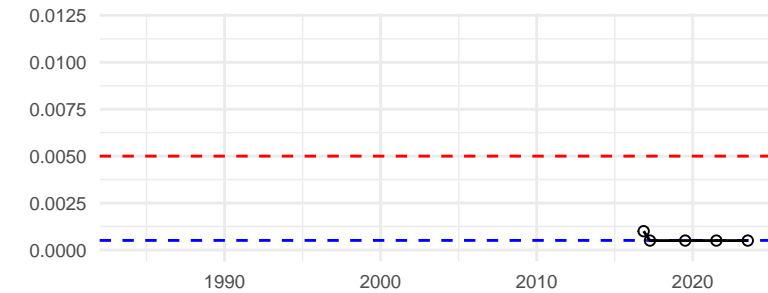
Chloride (mg/L) :

SMCL: 250 mg/L

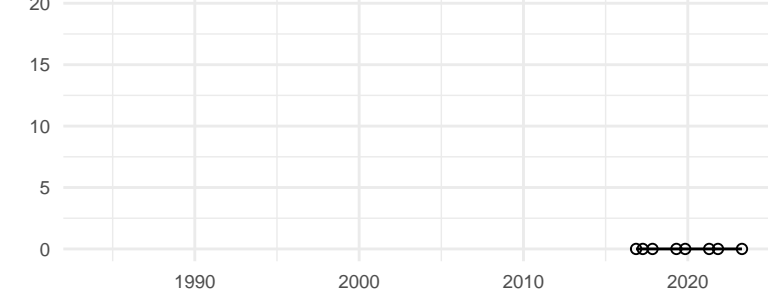


Dissolved Arsenic (mg/L) :

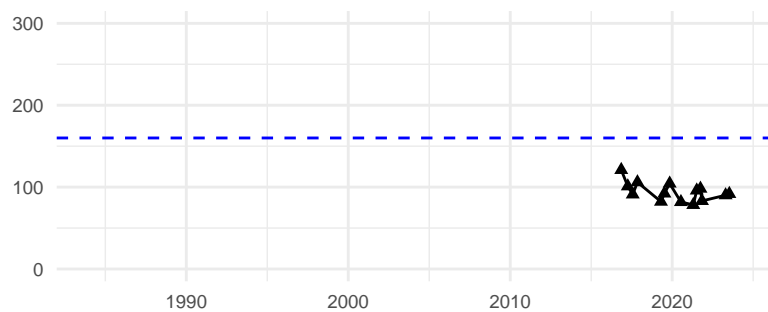
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

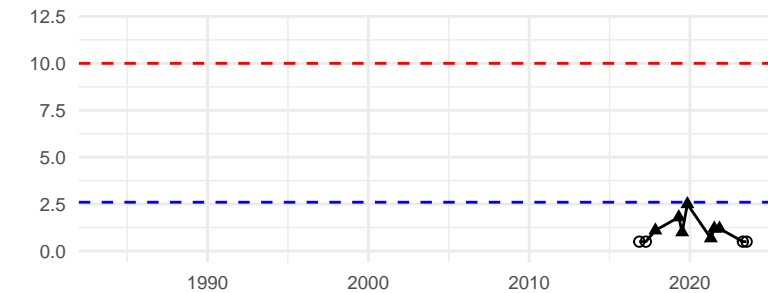


Specific Conductance (uS/cm) :



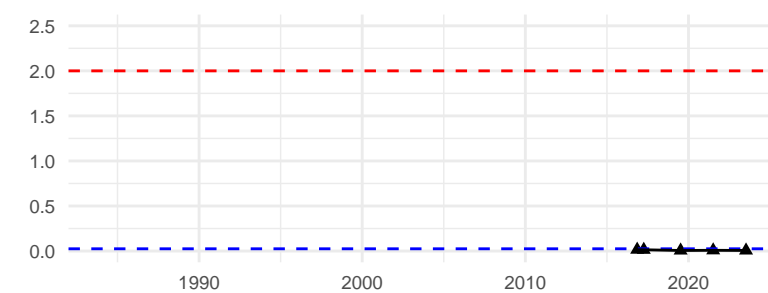
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



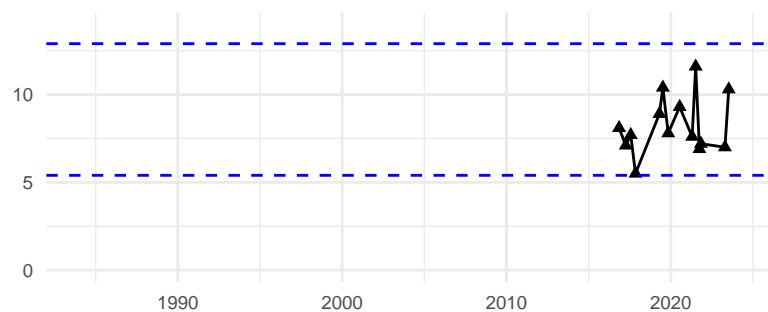
Result

- ▲ Detect
- Non-Detect

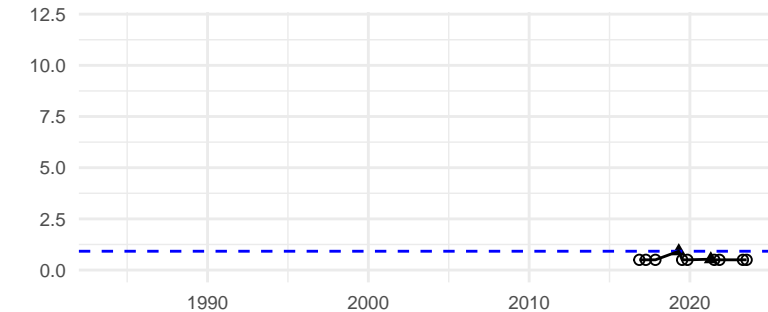
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

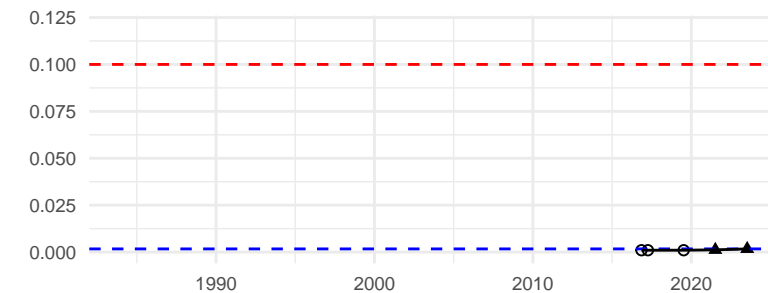


Total Kjeldahl Nitrogen (TKN) (mg/L) :

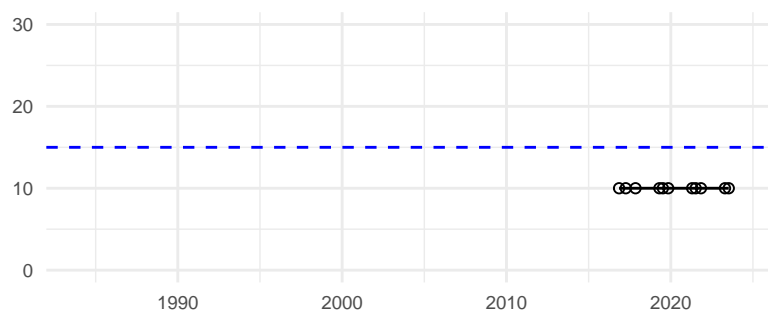


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

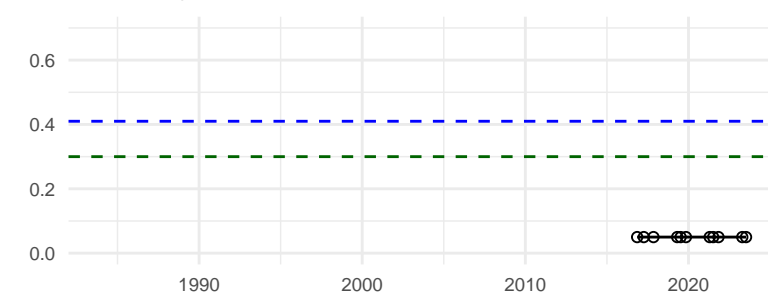


Chemical Oxygen Demand (mg/L) :



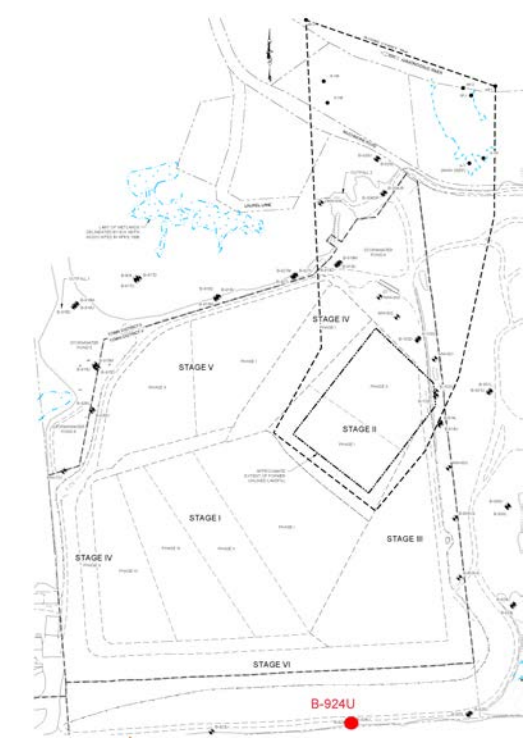
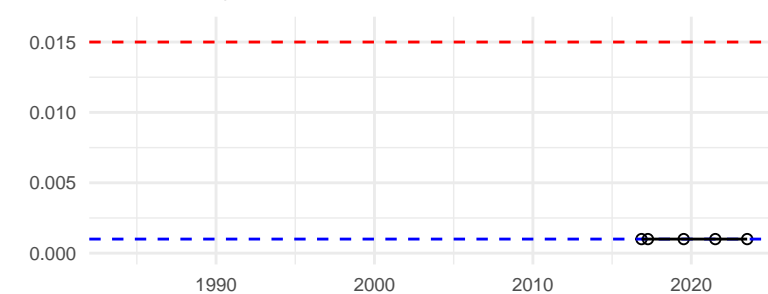
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L

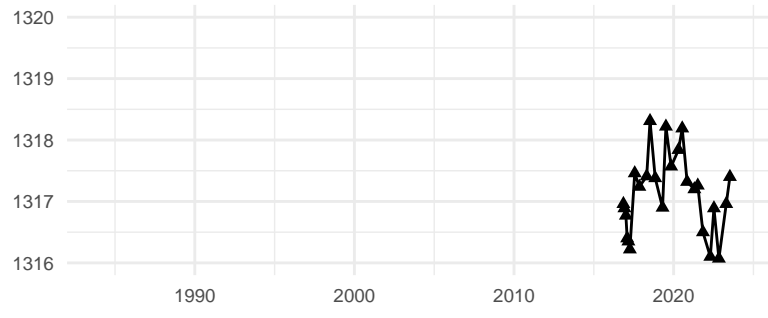


Dissolved Lead (mg/L) :

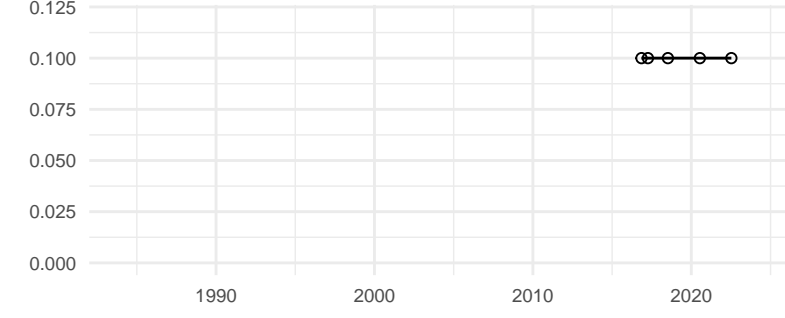
AGQS: 0.015 mg/L



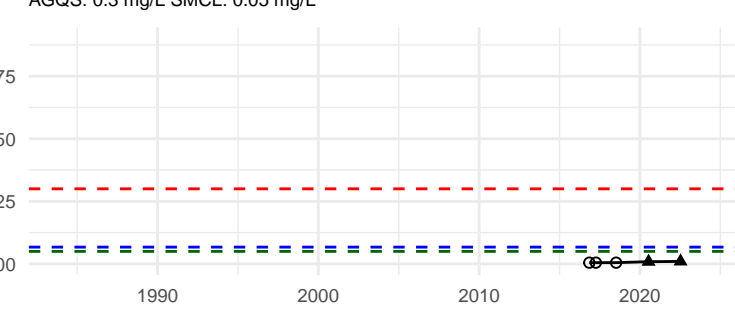
Groundwater Elevation (ft) :



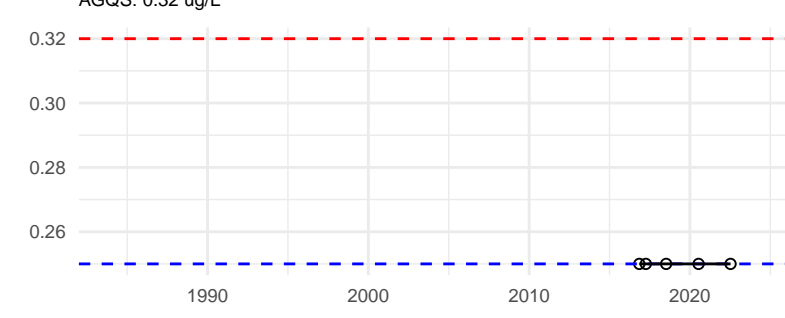
Bromide (mg/L) :



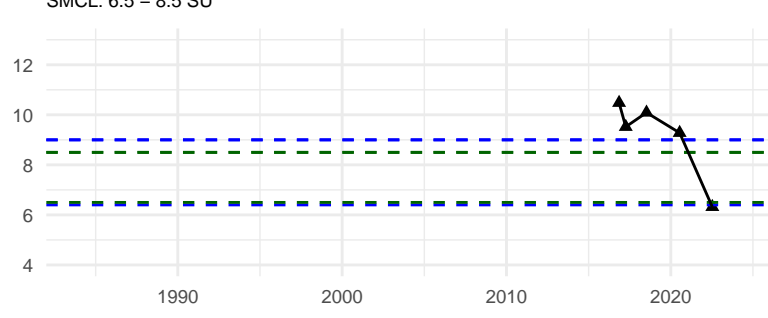
Dissolved Manganese (mg/L) :



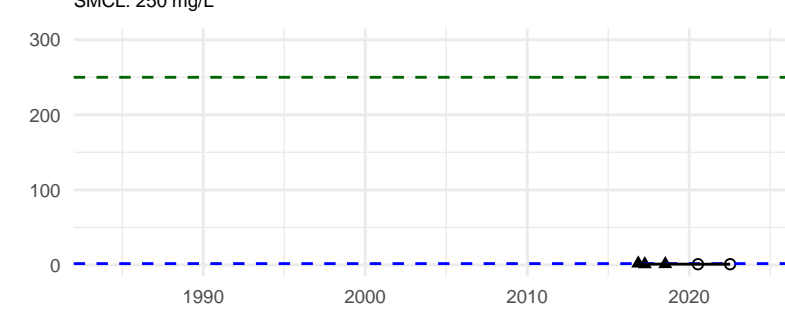
Dioxane (1,4-) (ug/L) :



pH (SU) :



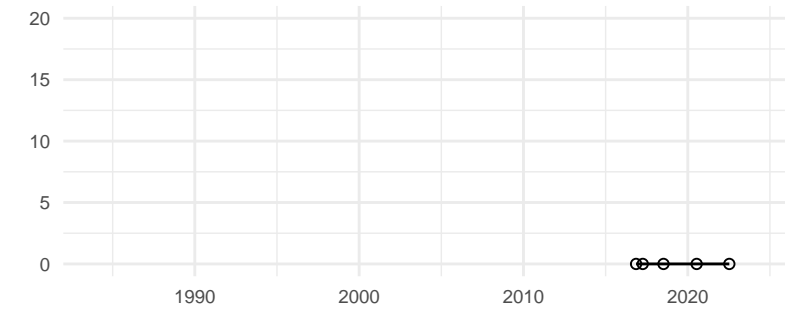
Chloride (mg/L) :



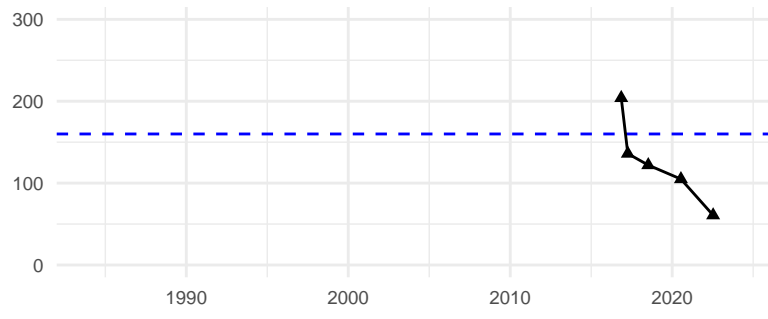
Dissolved Arsenic (mg/L) :



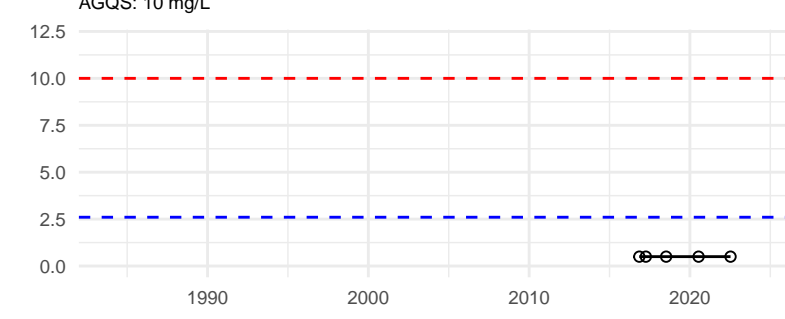
Total VOCs (ug/L) :



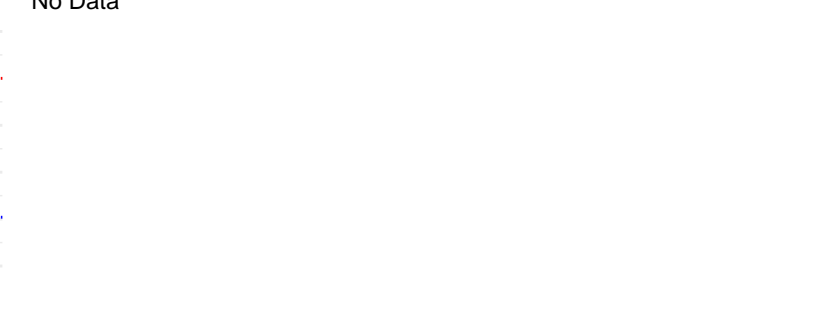
Specific Conductance (uS/cm) :



Nitrate (mg/L) :



Dissolved Barium (mg/L) :



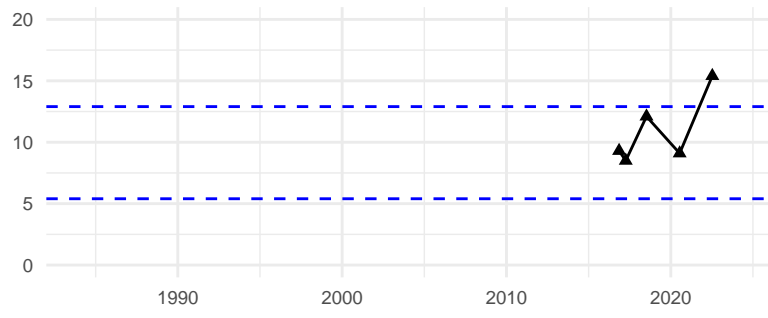
Result

- ▲ Detect
- Non-Detect

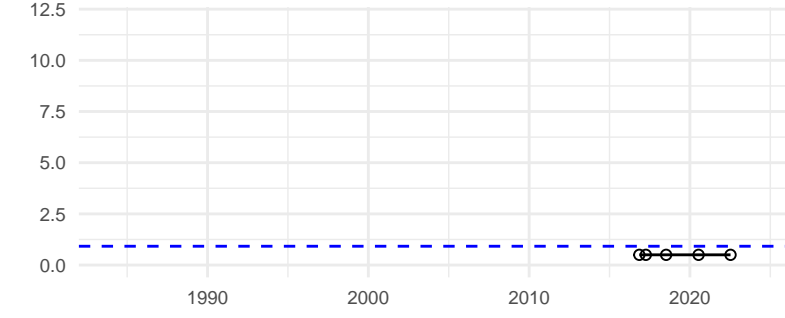
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :



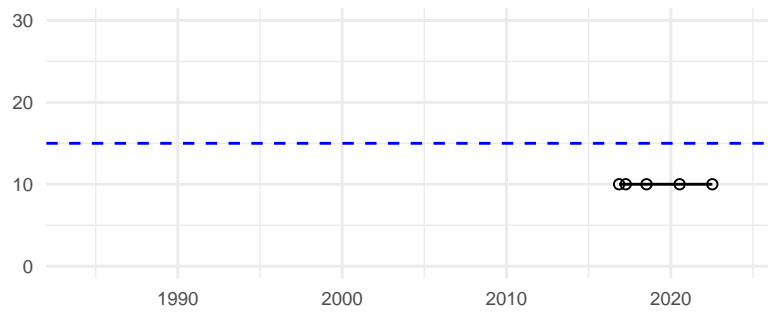
Total Kjeldahl Nitrogen (TKN) (mg/L) :



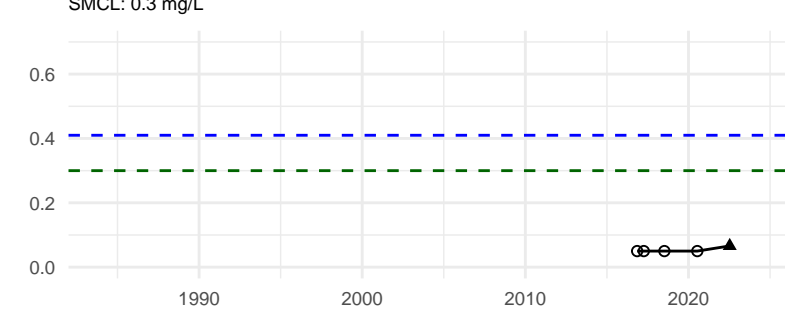
Dissolved Chromium (mg/L) :



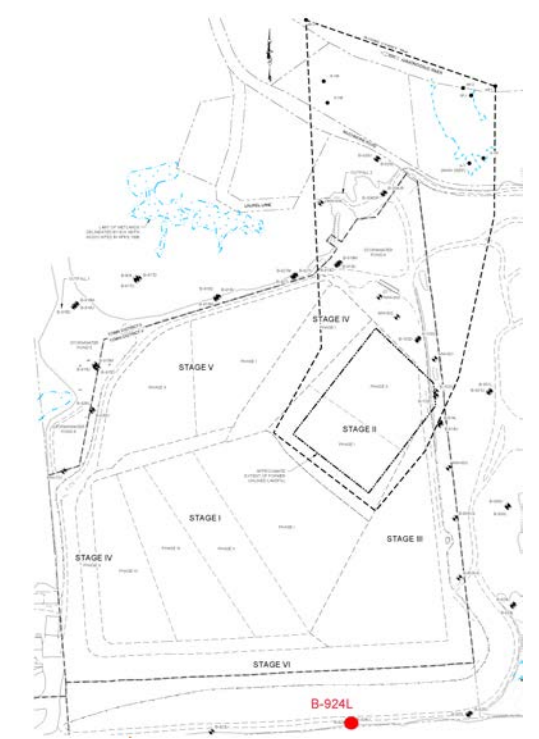
Chemical Oxygen Demand (mg/L) :

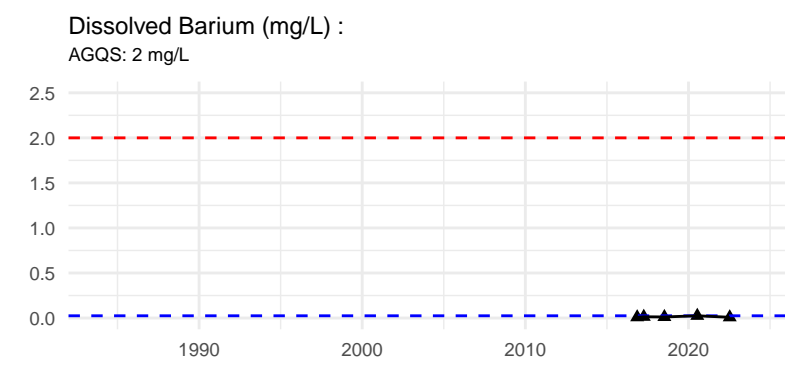
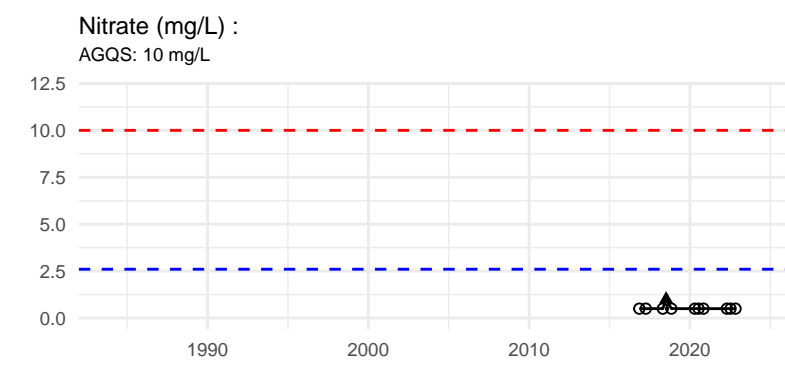
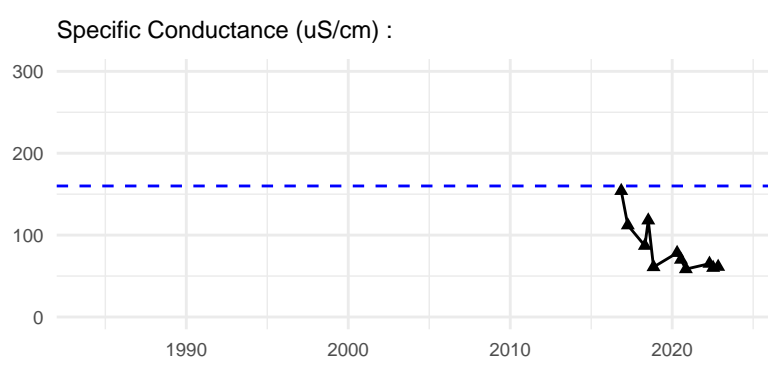
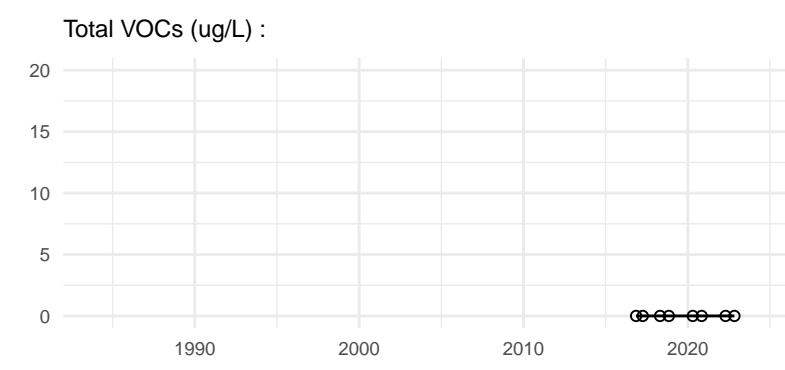
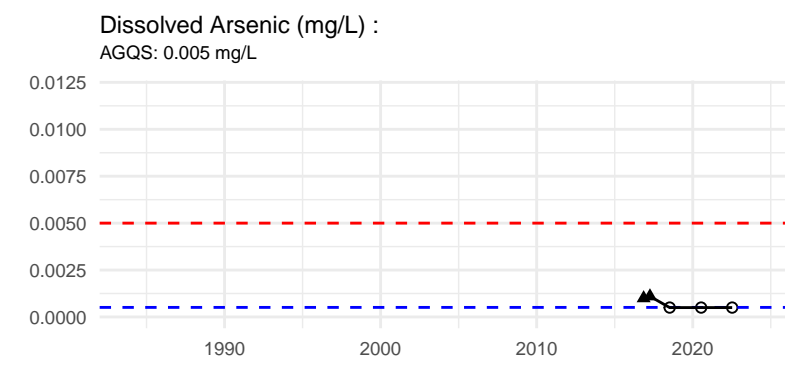
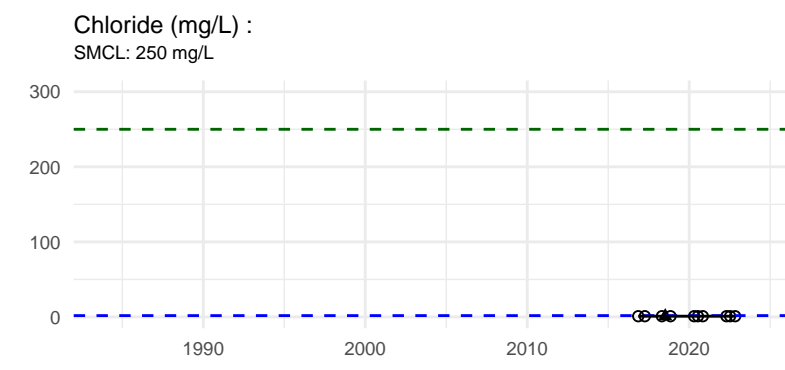
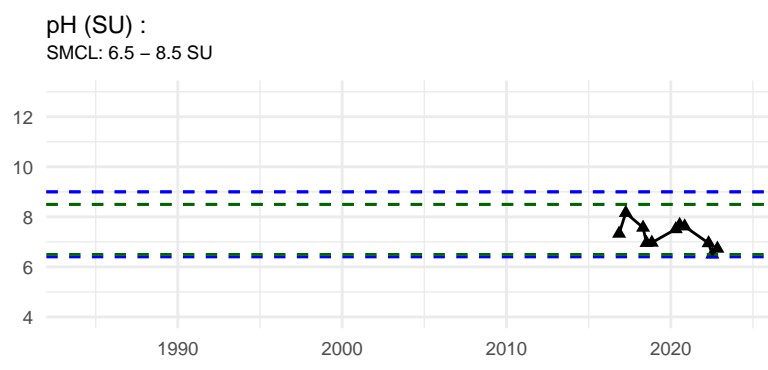
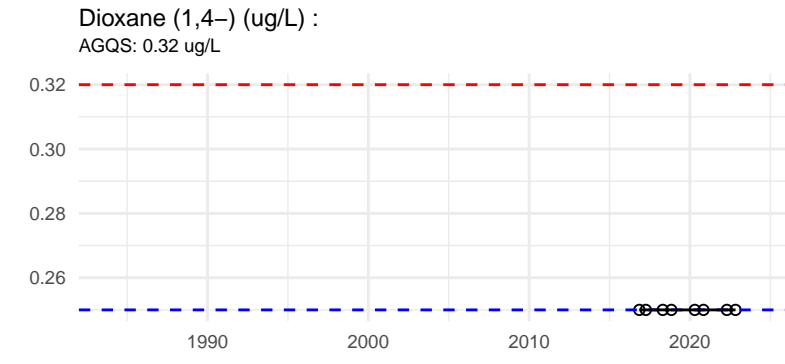
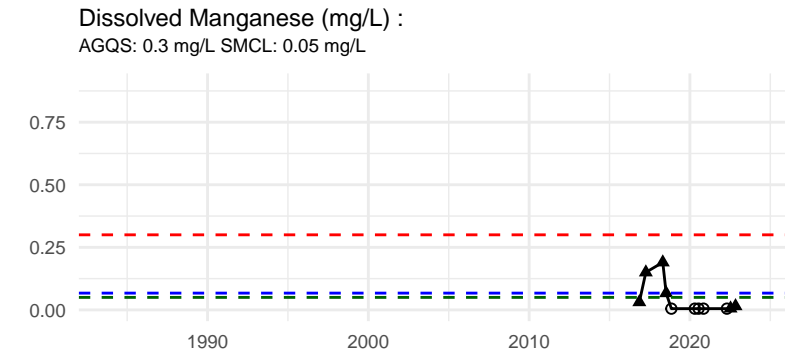
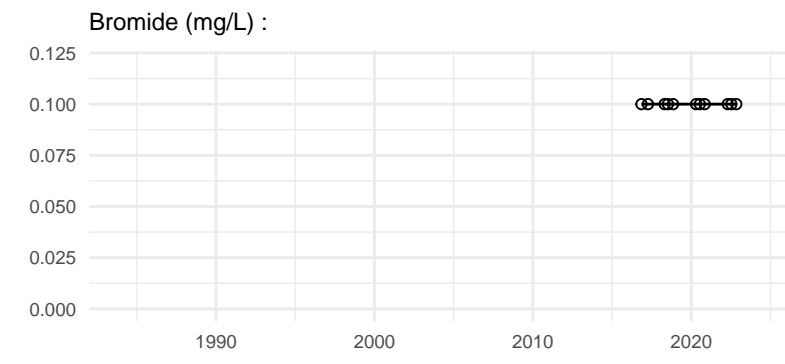
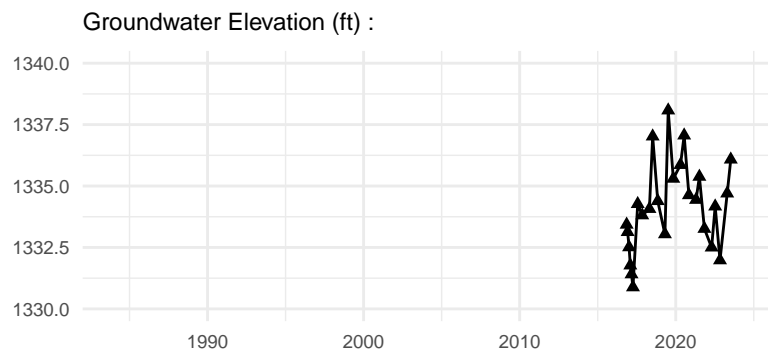


Dissolved Iron (mg/L) :



Dissolved Lead (mg/L) :



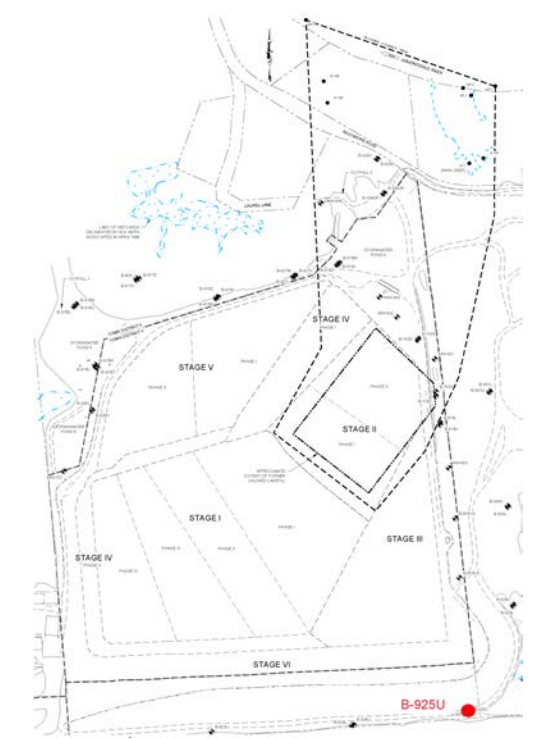
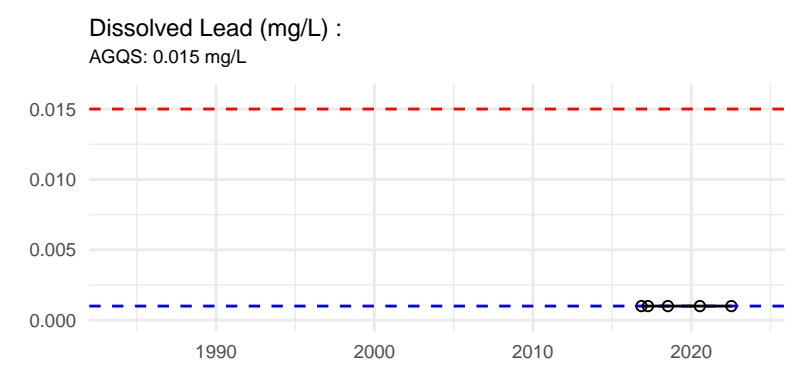
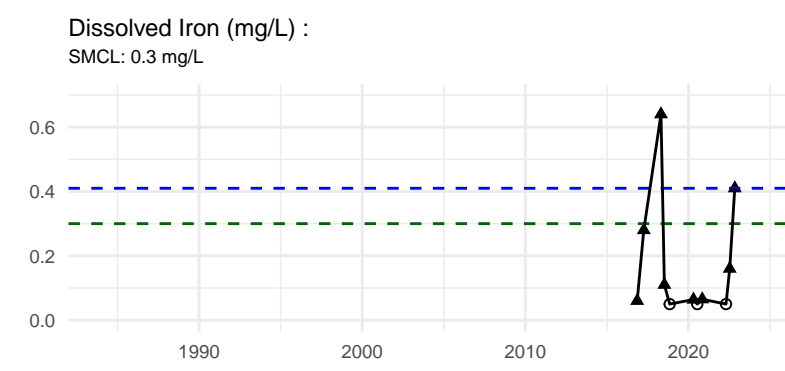
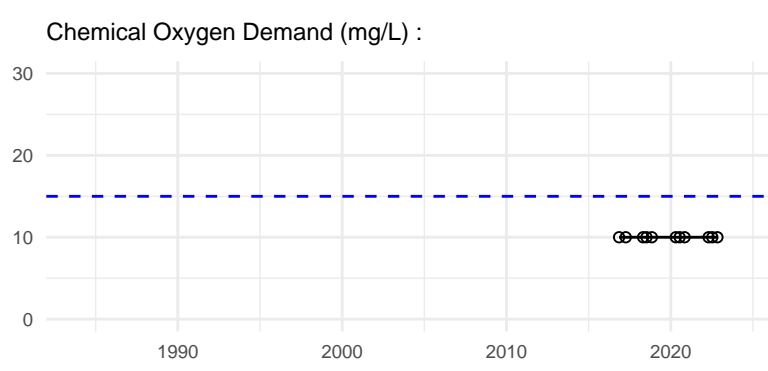
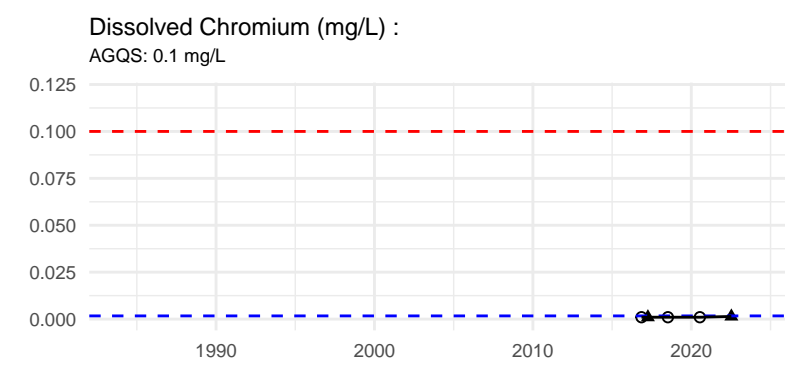
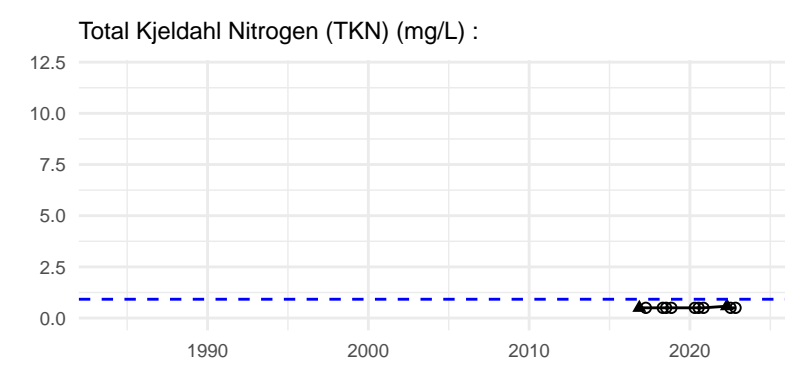
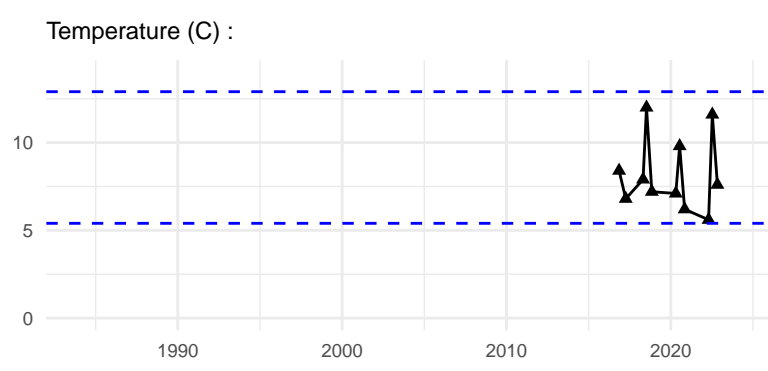


Result

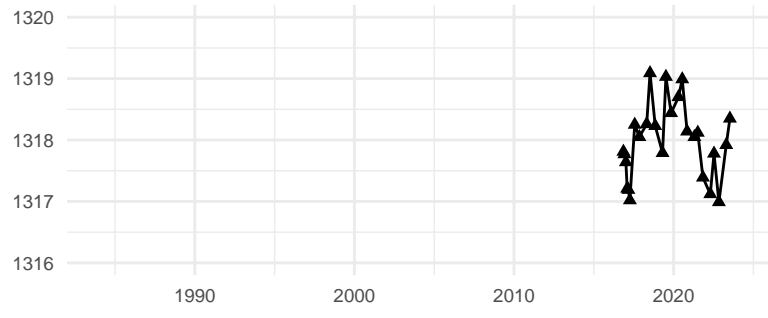
- ▲ Detect
- Non-Detect

Standard

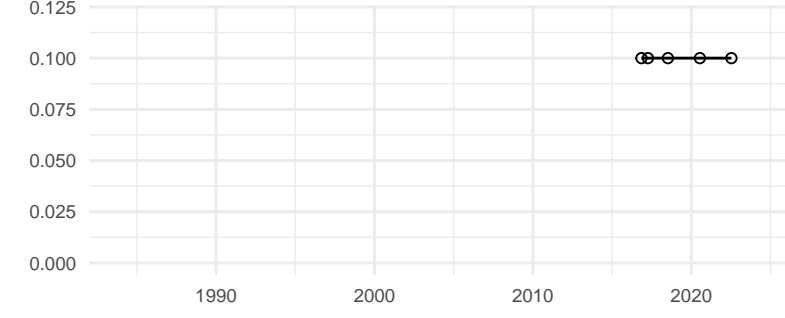
- - - AGQS
- - - SMCL
- - - Background



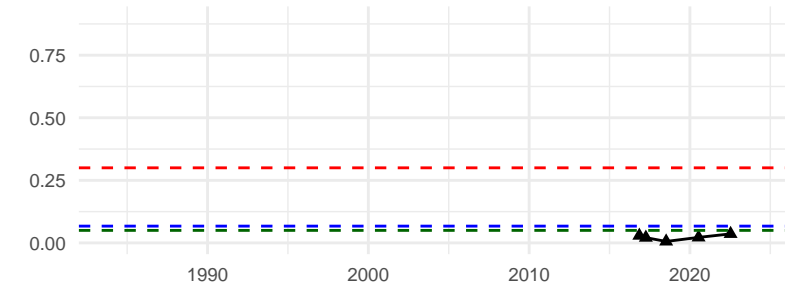
Groundwater Elevation (ft) :



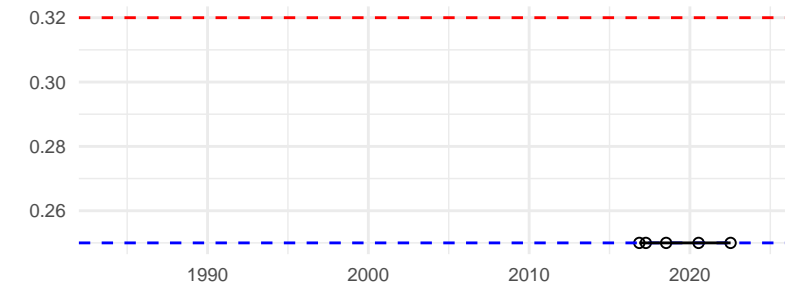
Bromide (mg/L) :



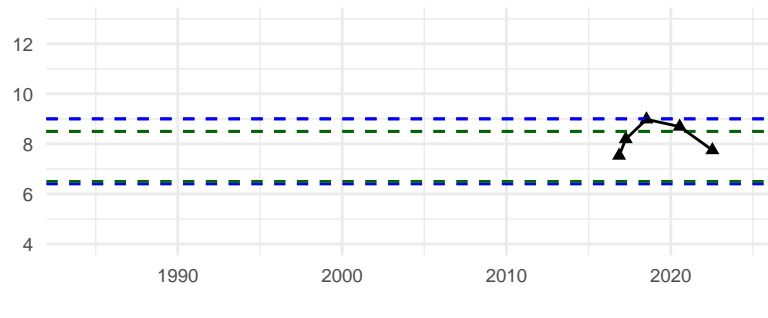
Dissolved Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



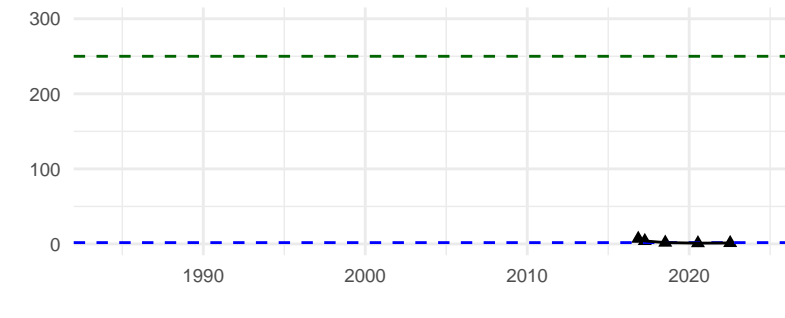
Dioxane (1,4-) (ug/L) :
AGQS: 0.32 ug/L



pH (SU) :
SMCL: 6.5 - 8.5 SU

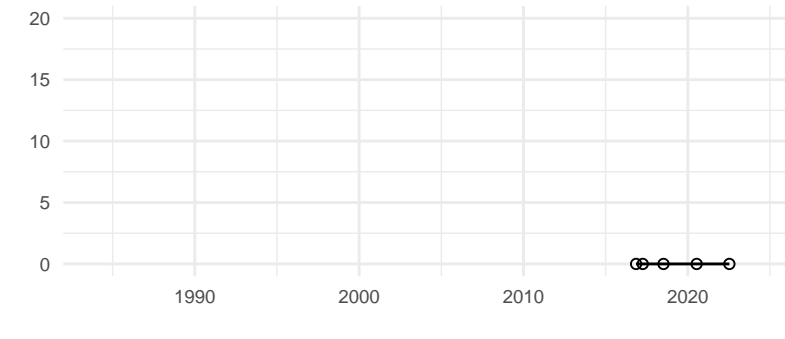


Chloride (mg/L) :
SMCL: 250 mg/L

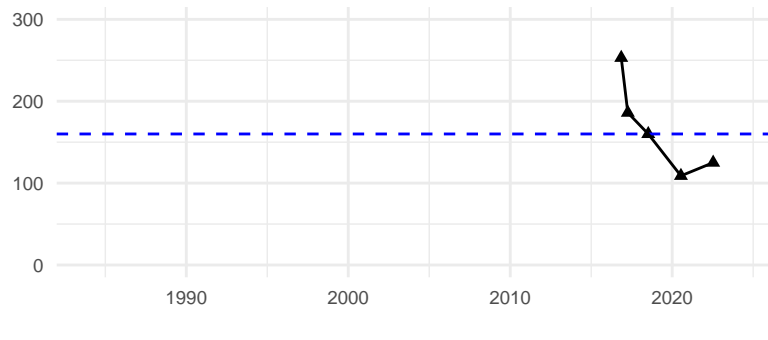


Dissolved Arsenic (mg/L) :
No Data

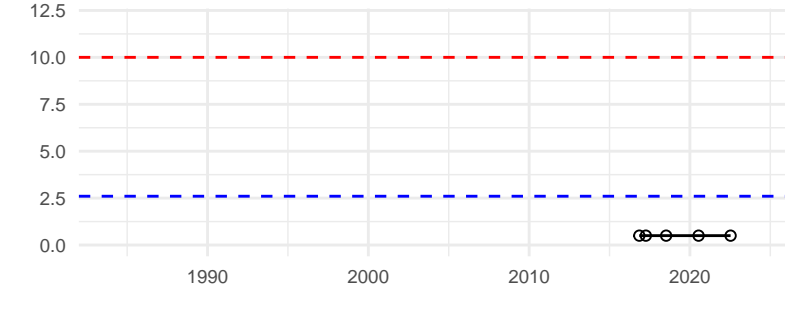
Total VOCs (ug/L) :



Specific Conductance (uS/cm) :



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



Dissolved Barium (mg/L) :
No Data

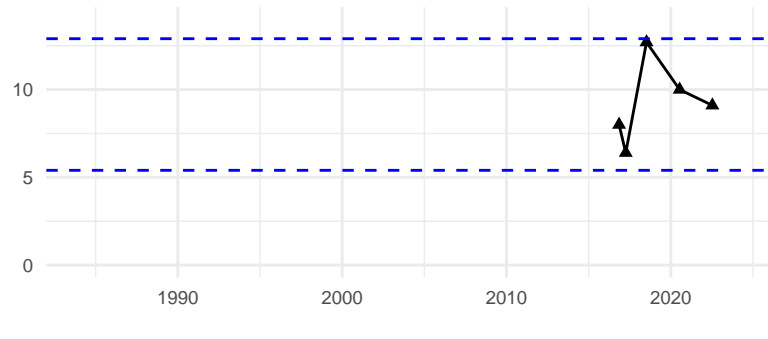
Result

- ▲ Detect
- Non-Detect

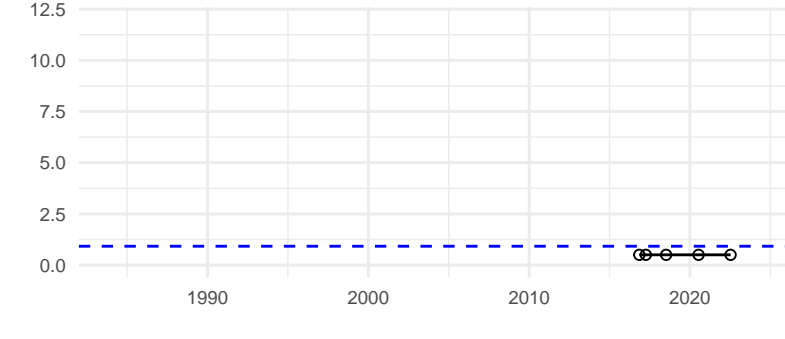
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

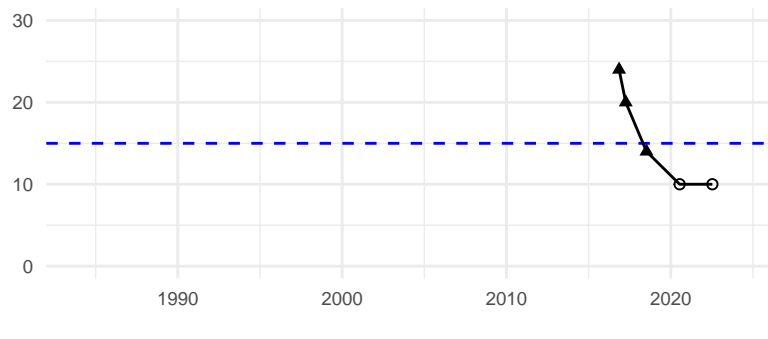


Total Kjeldahl Nitrogen (TKN) (mg/L) :

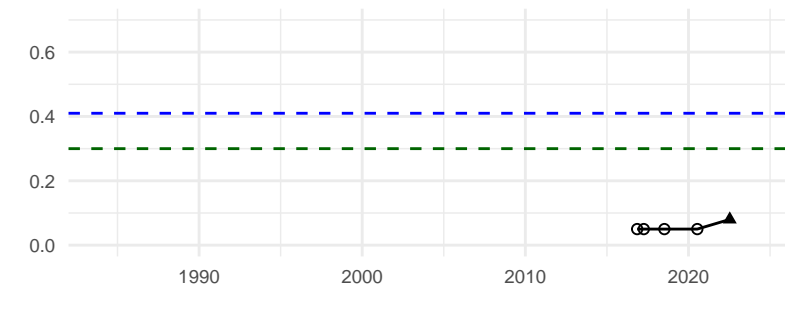


Dissolved Chromium (mg/L) :
No Data

Chemical Oxygen Demand (mg/L) :

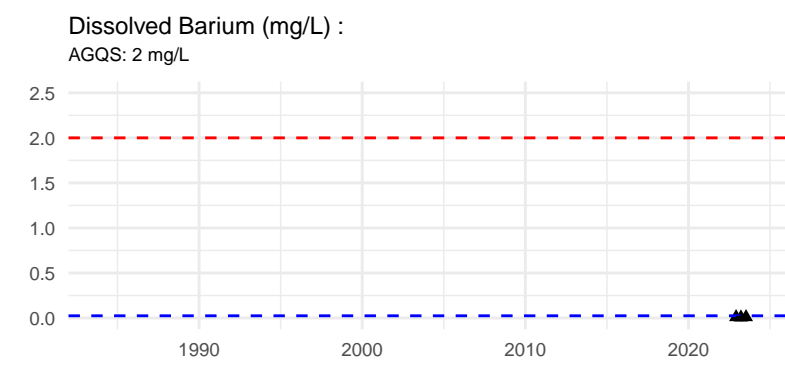
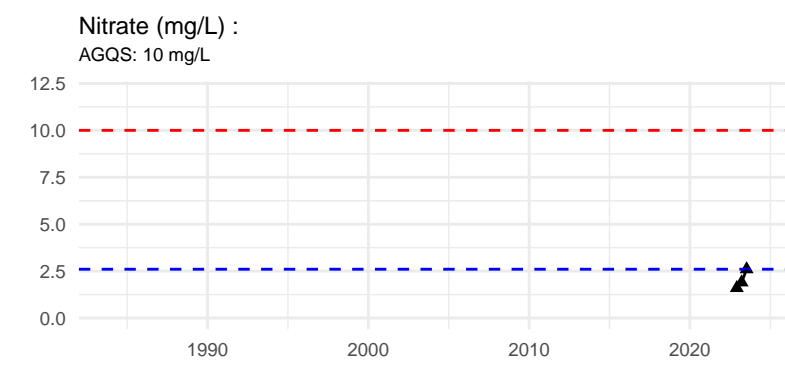
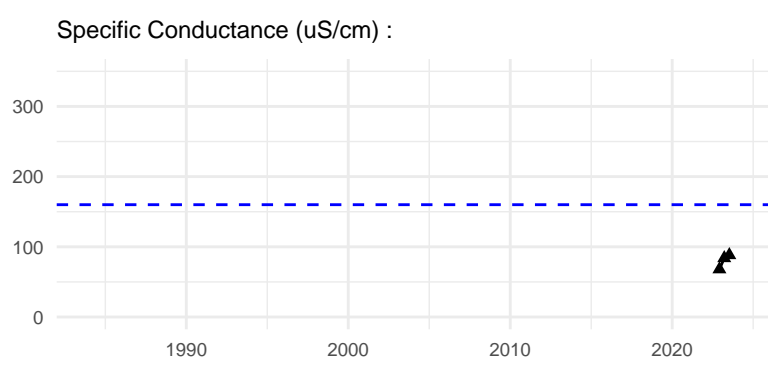
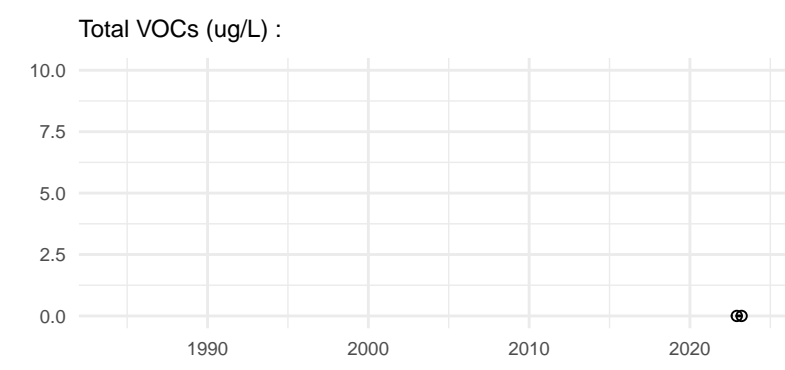
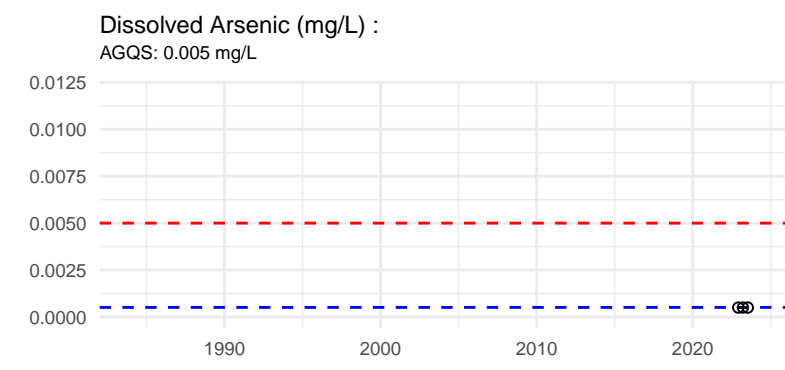
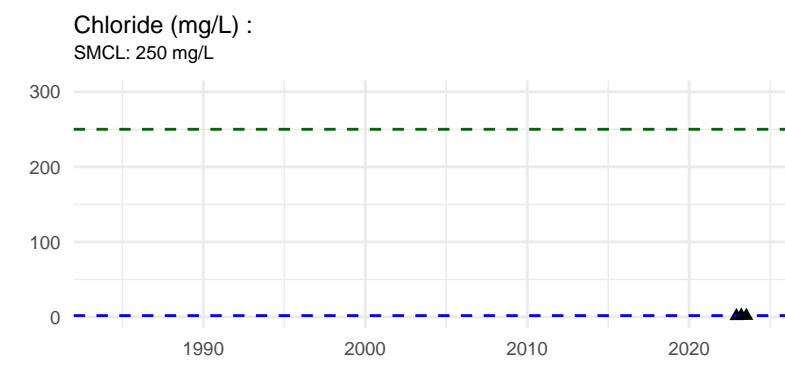
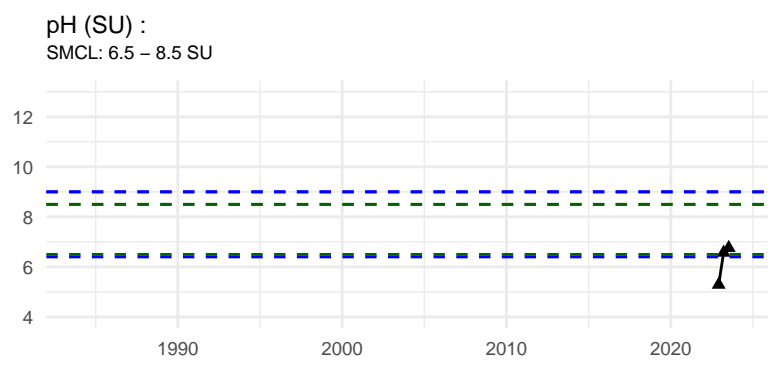
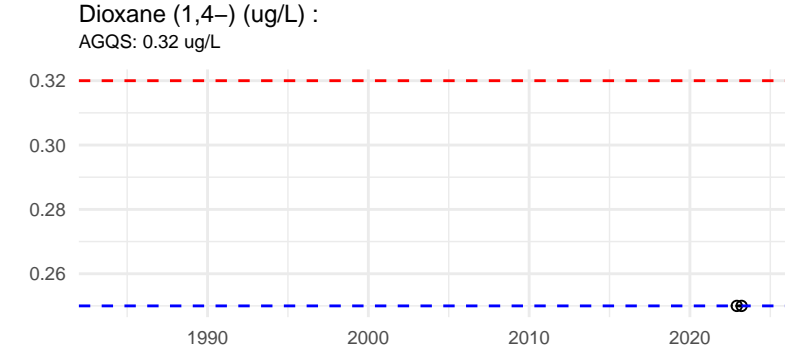
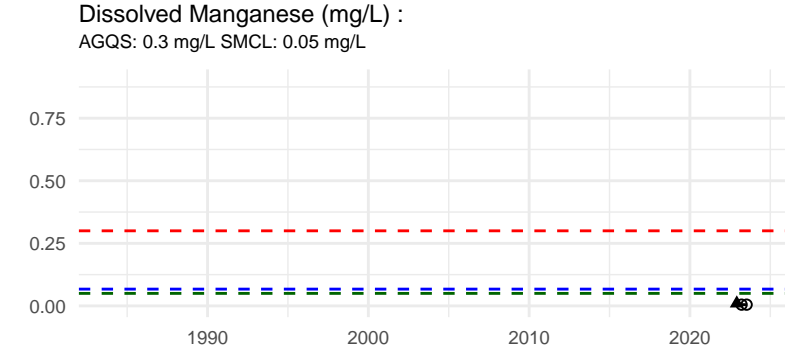
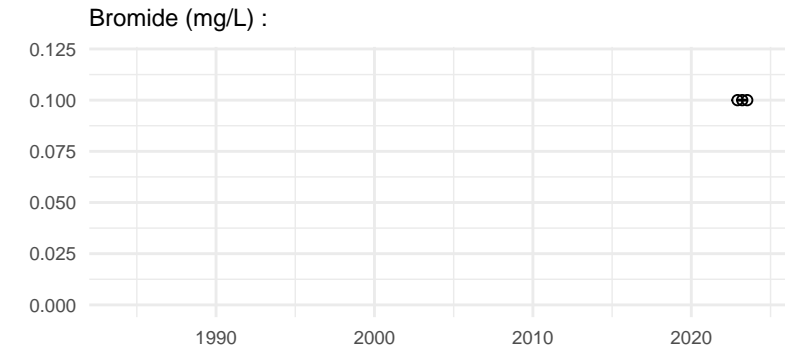
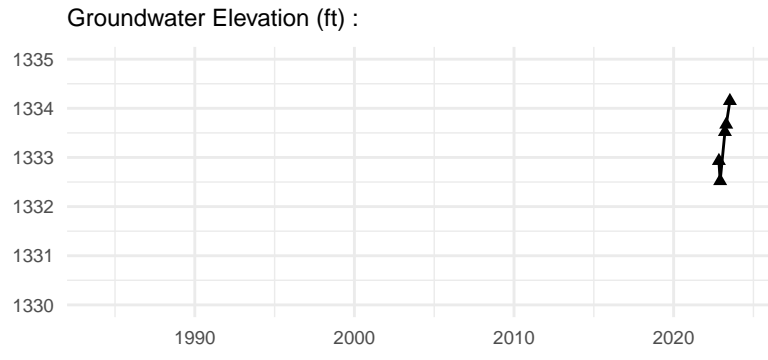


Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :
No Data



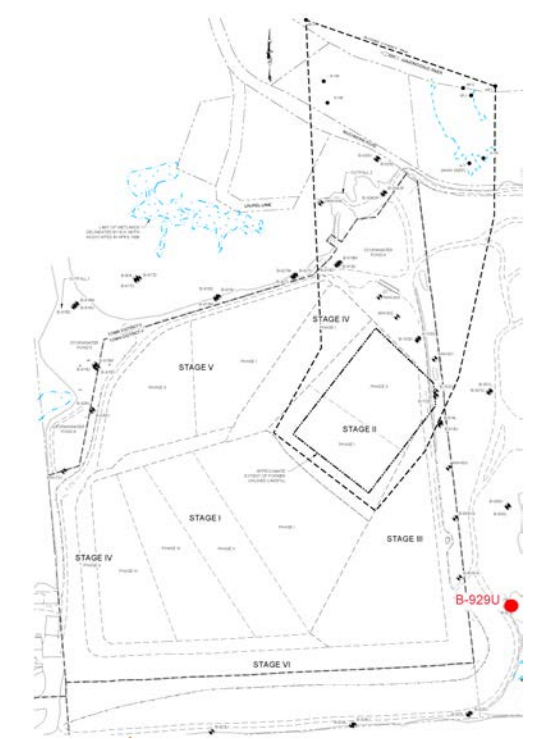
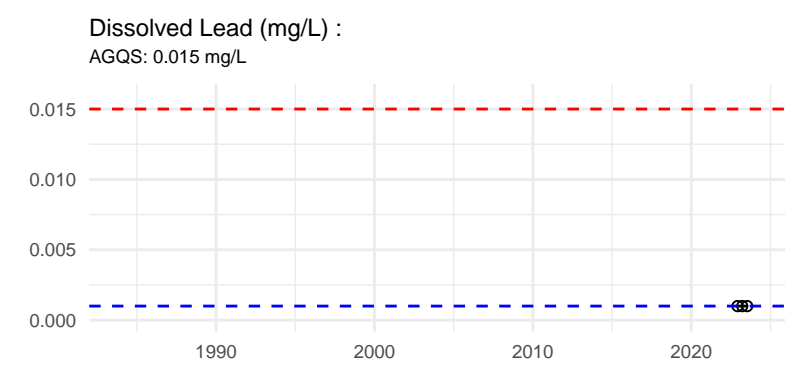
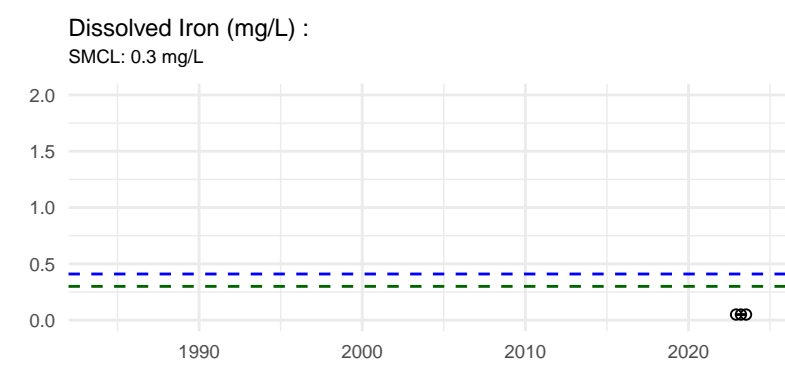
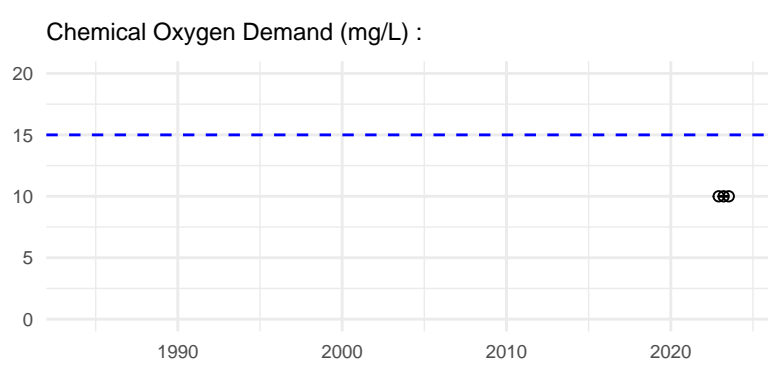
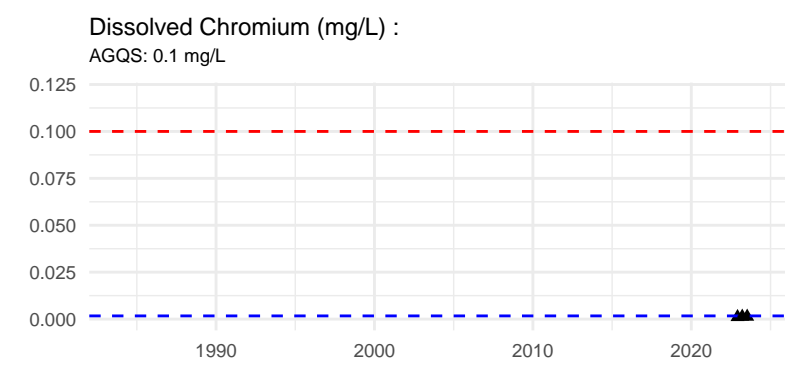
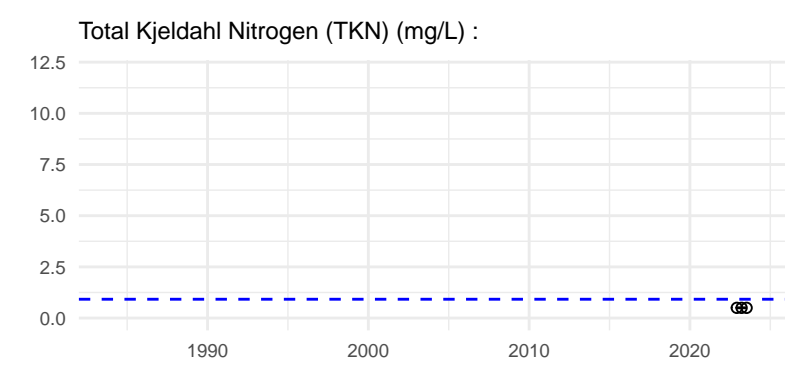
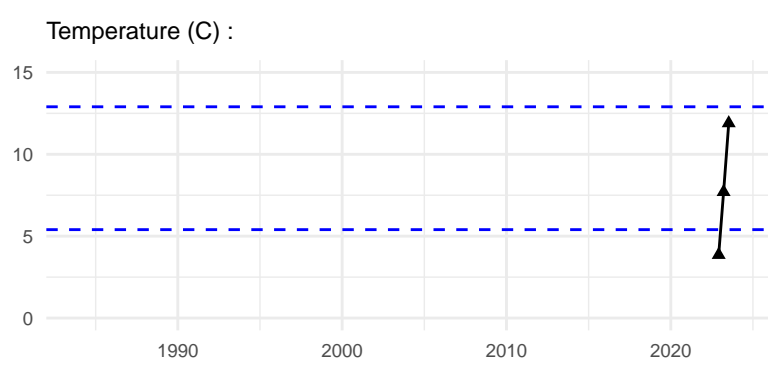


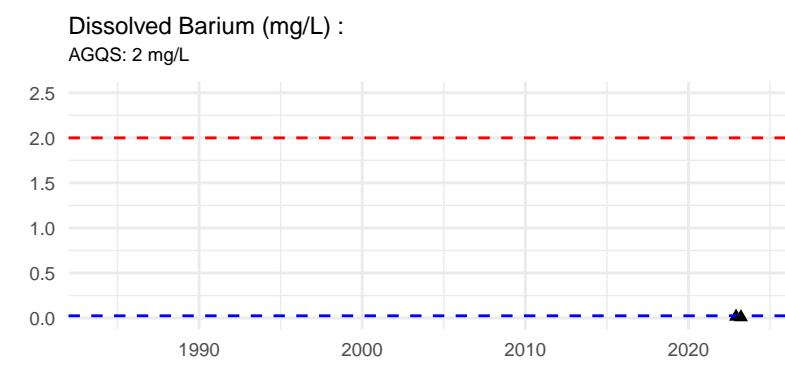
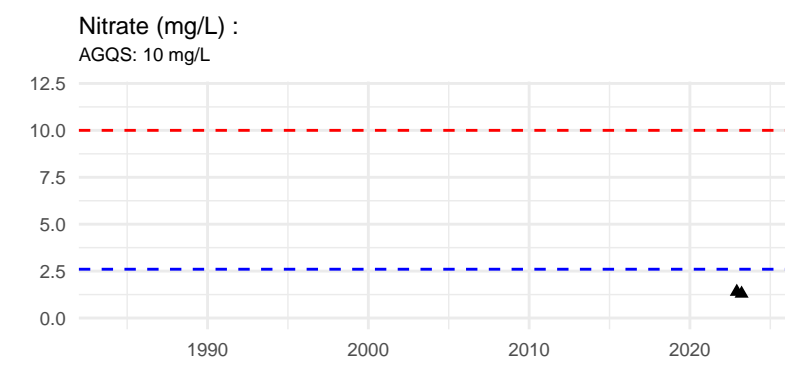
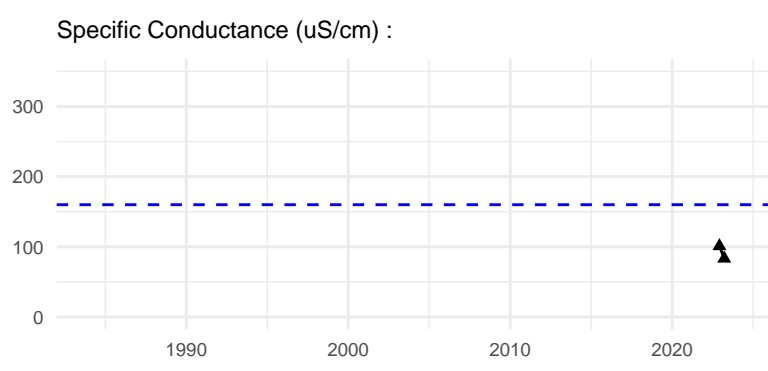
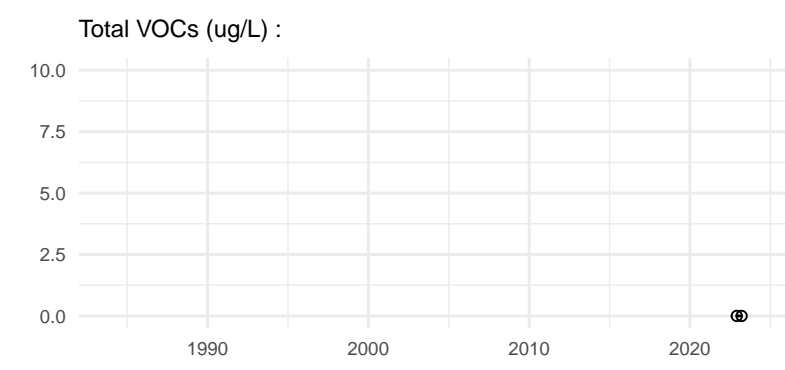
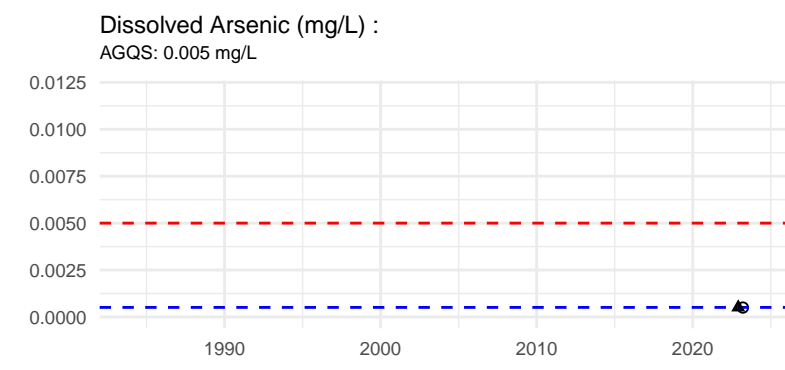
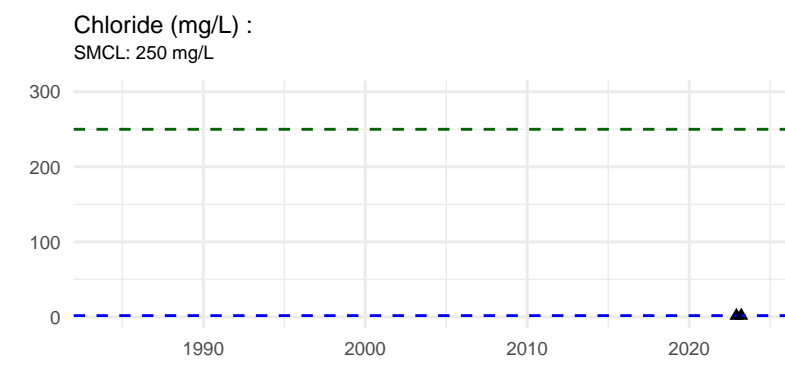
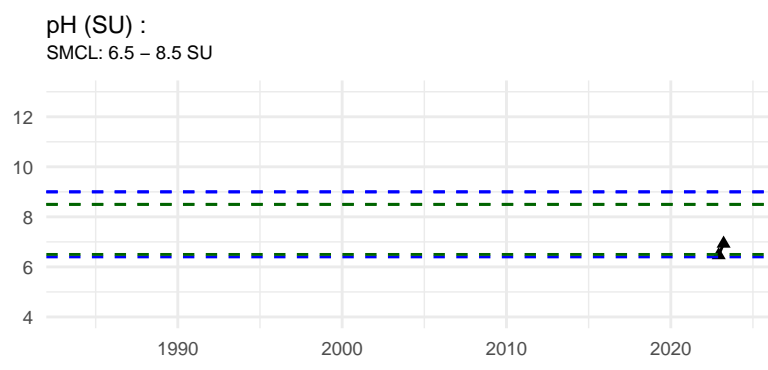
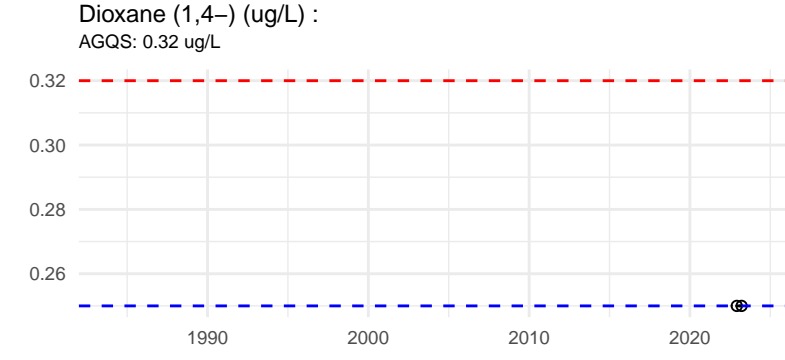
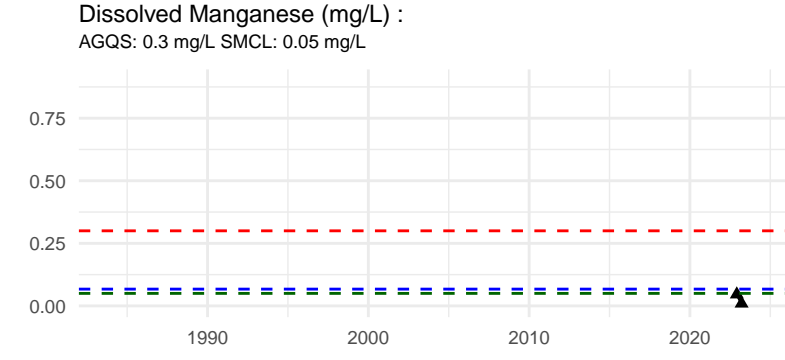
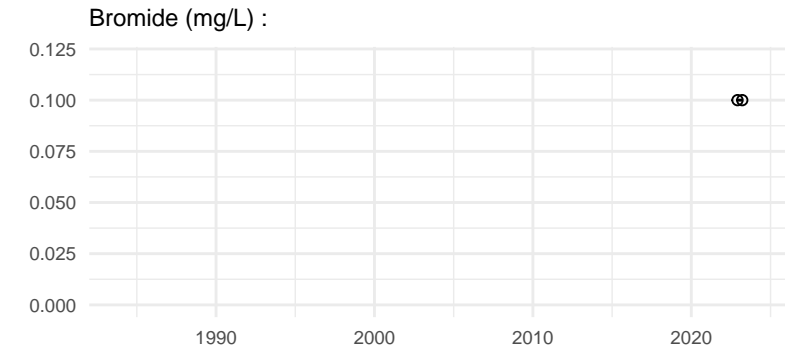
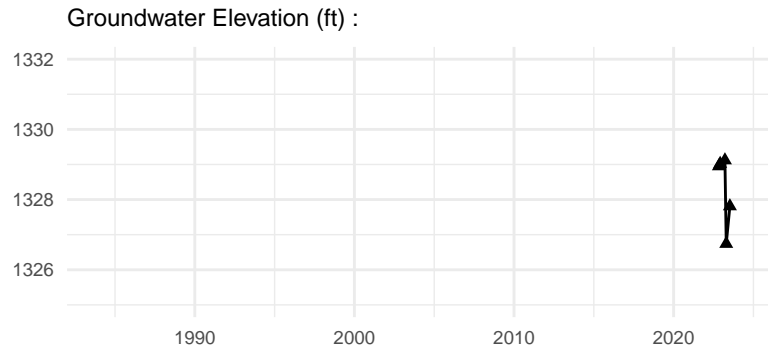
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



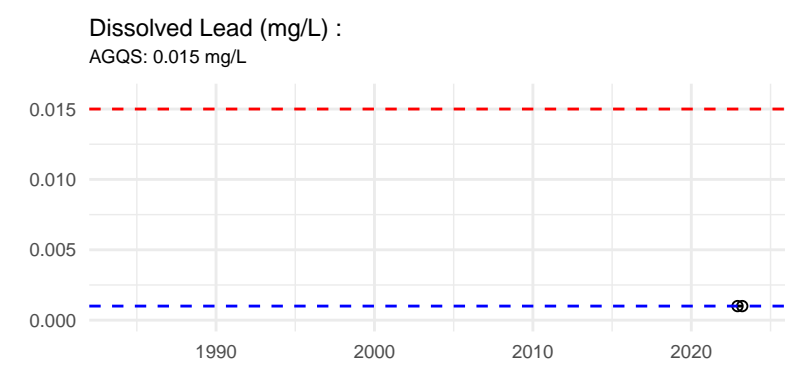
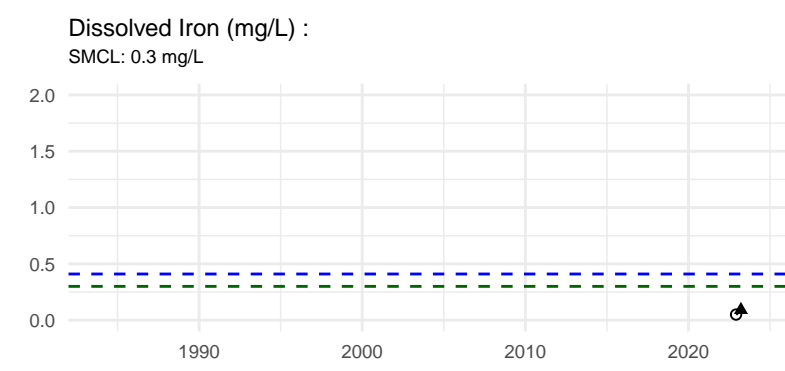
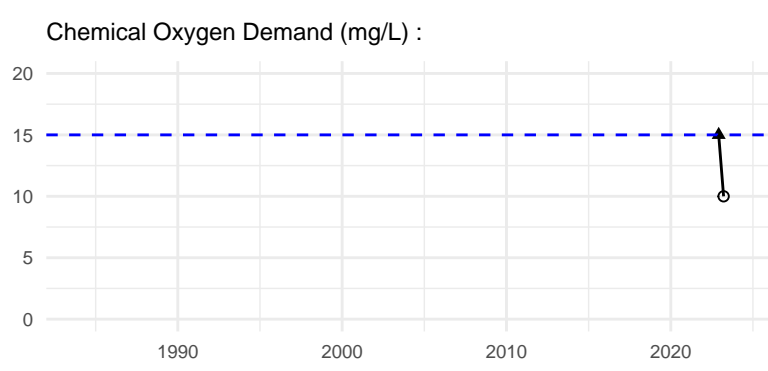
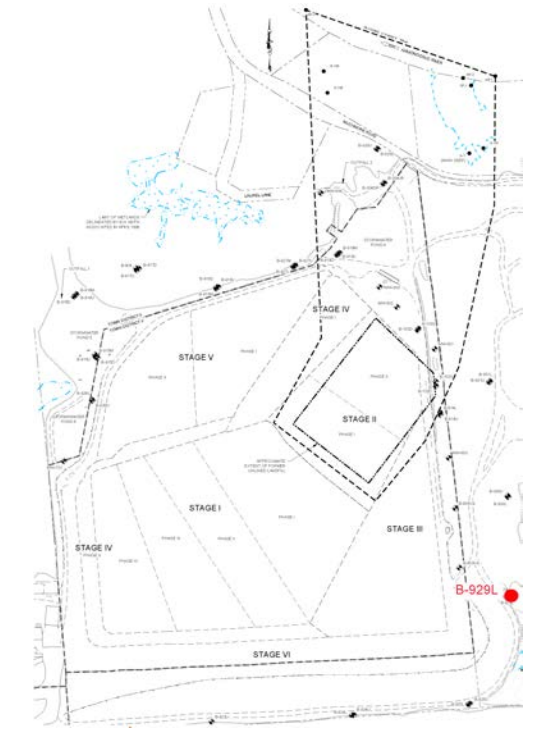
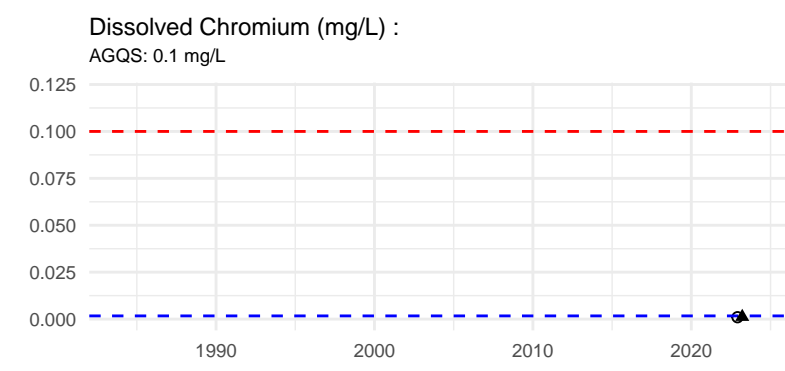
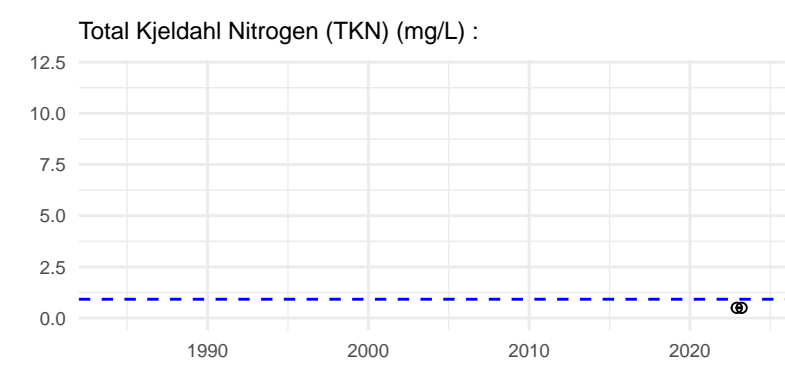
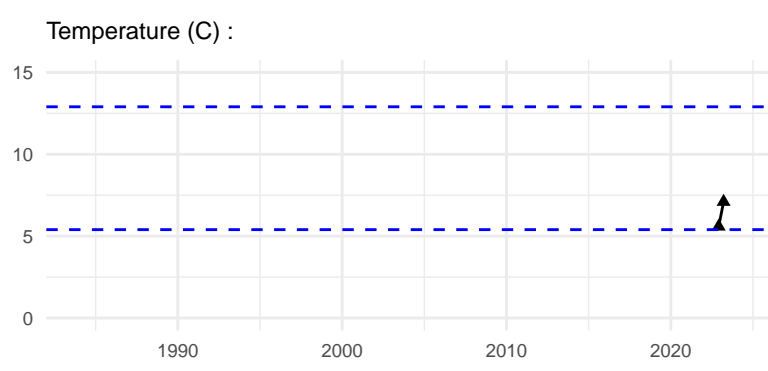


Result

- ▲ Detect
- Non-Detect

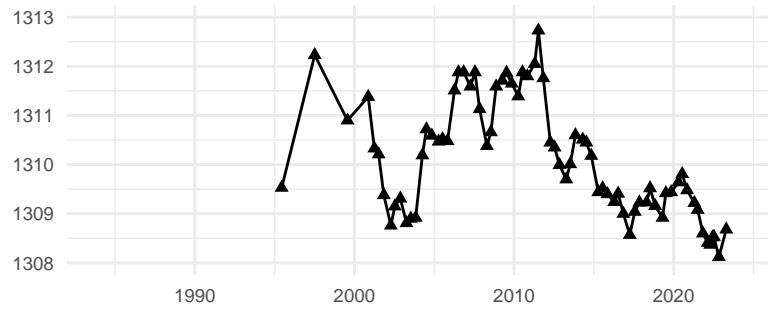
Standard

- - - AGQS
- - - SMCL
- - - Background

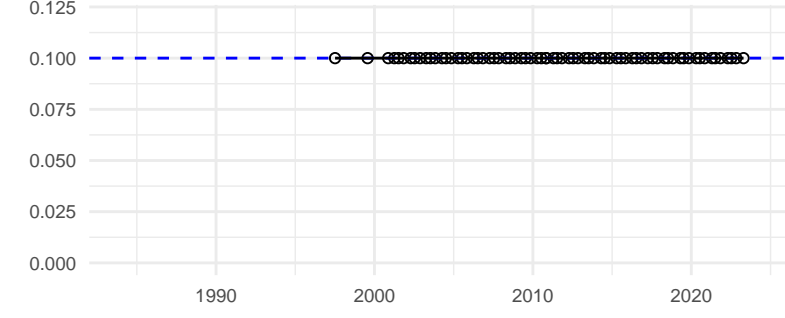


RELEASE DETECTION WELLS OUTSIDE THE GMZ

Groundwater Elevation (ft) :

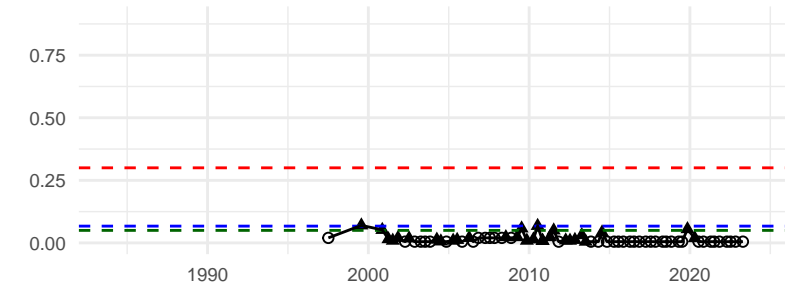


Bromide (mg/L) :



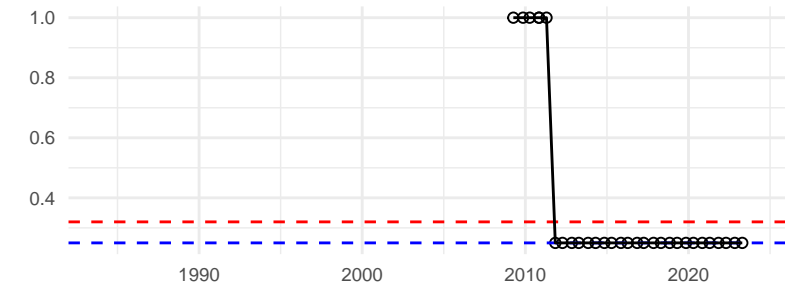
Dissolved Manganese (mg/L) :

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



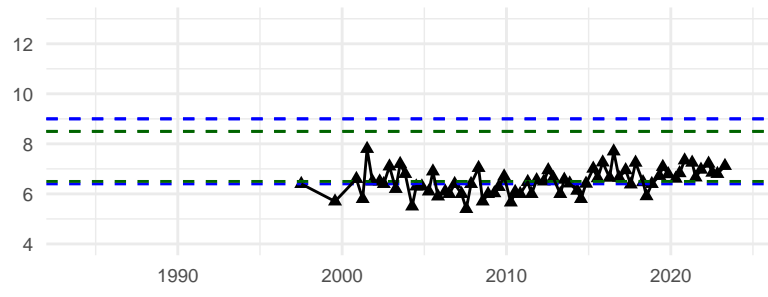
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



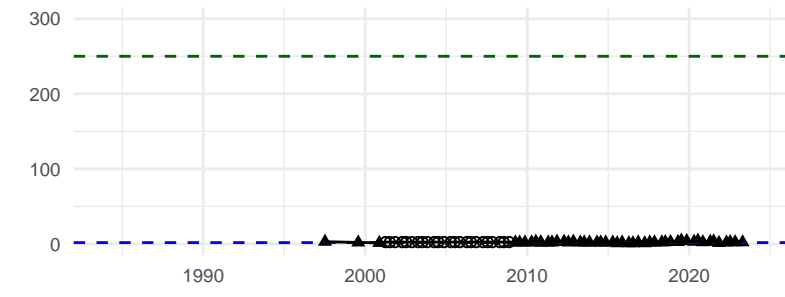
pH (SU) :

SMCL: 6.5 - 8.5 SU



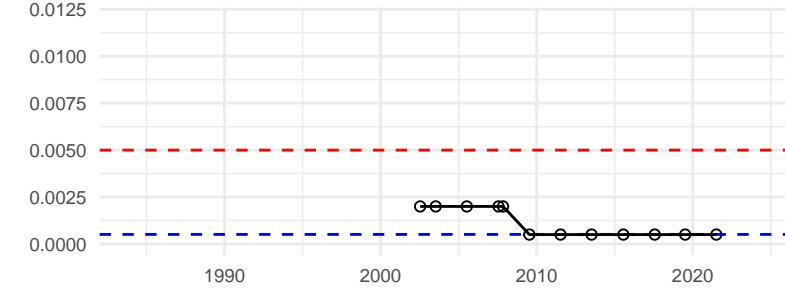
Chloride (mg/L) :

SMCL: 250 mg/L

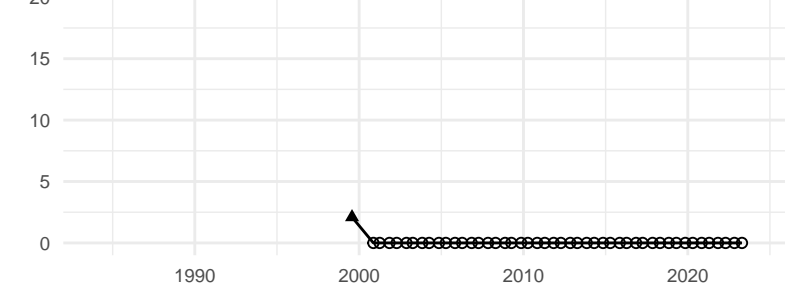


Dissolved Arsenic (mg/L) :

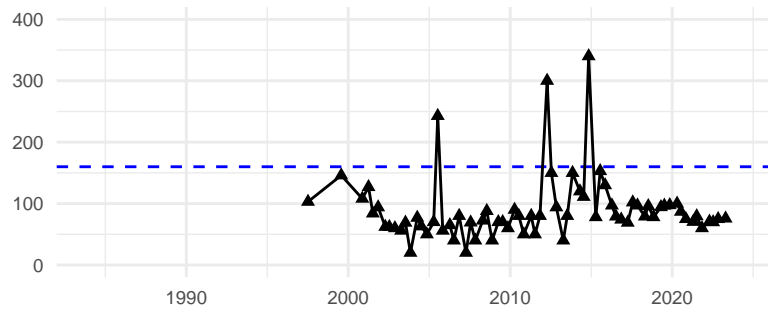
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

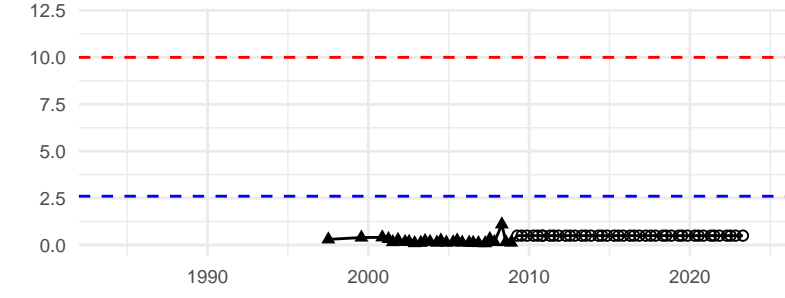


Specific Conductance (uS/cm) :



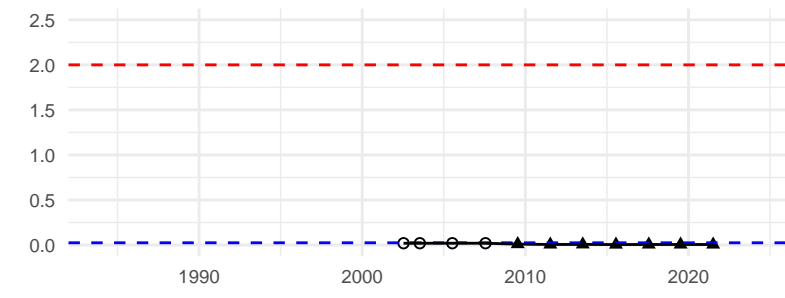
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



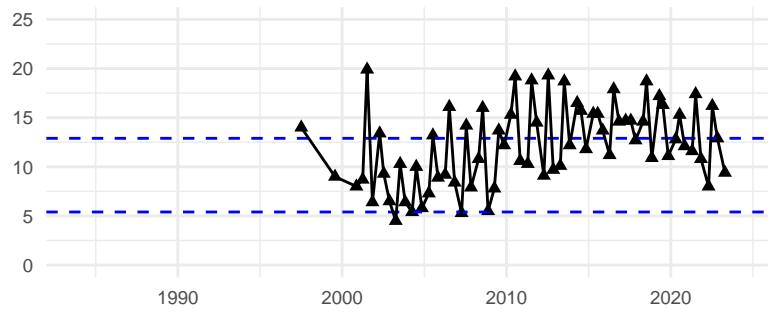
Result

- ▲ Detect
- Non-Detect

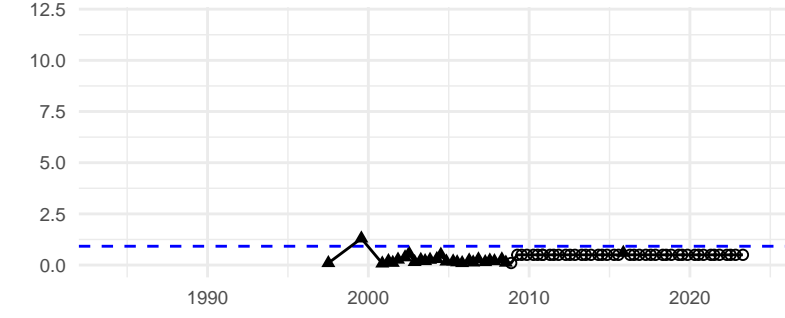
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

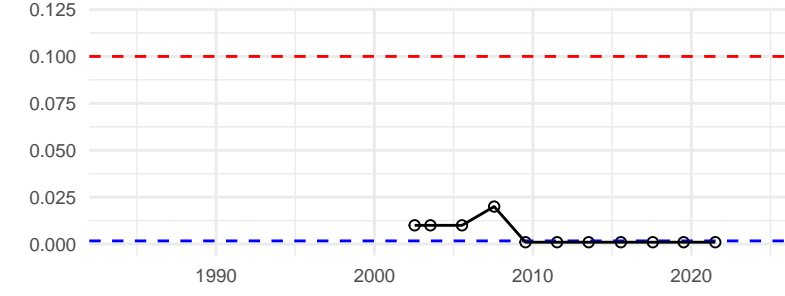


Total Kjeldahl Nitrogen (TKN) (mg/L) :

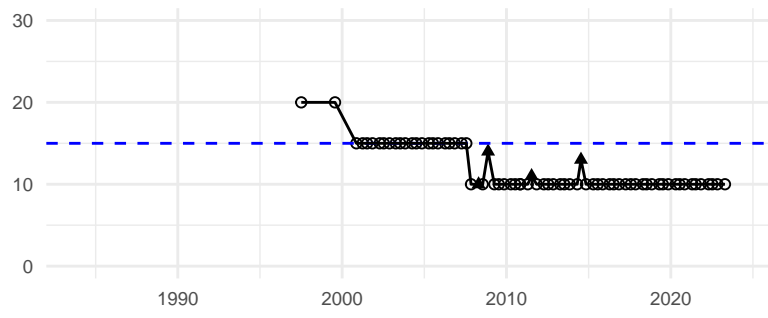


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

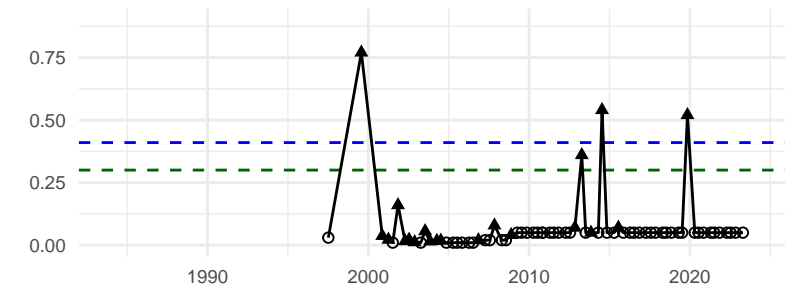


Chemical Oxygen Demand (mg/L) :



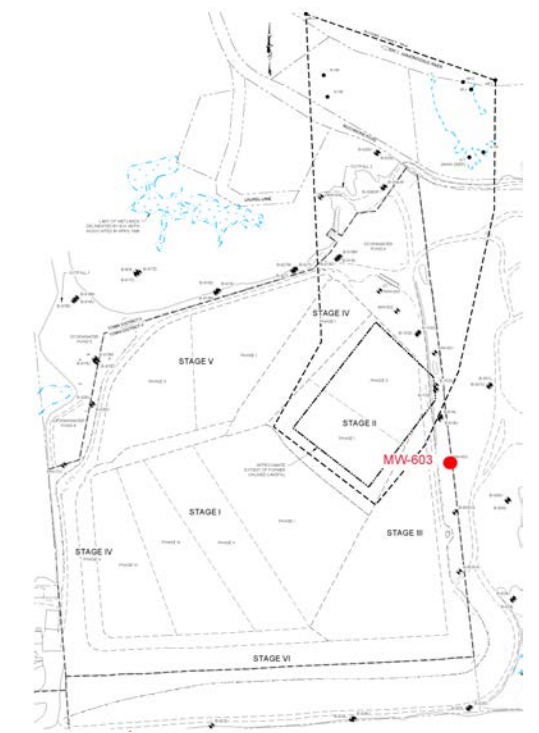
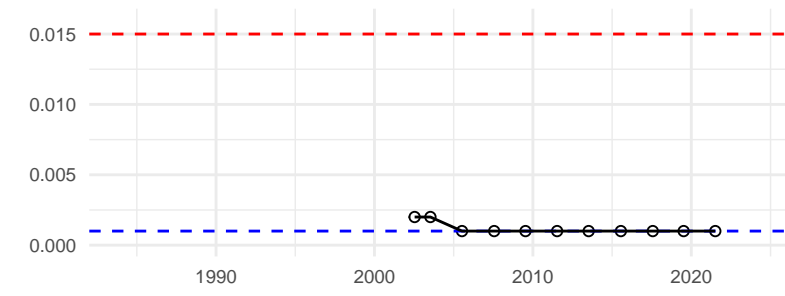
Dissolved Iron (mg/L) :

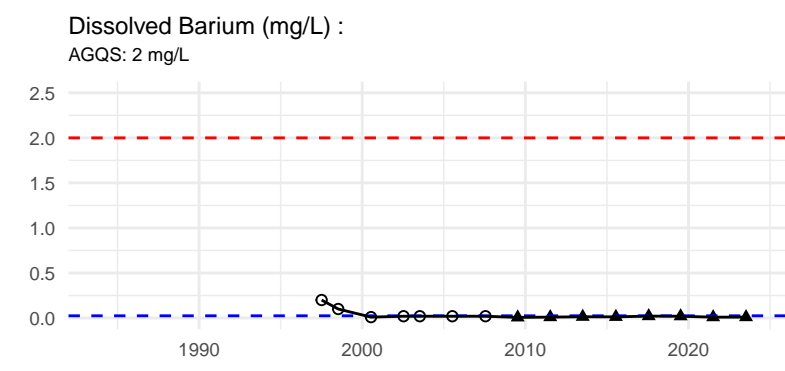
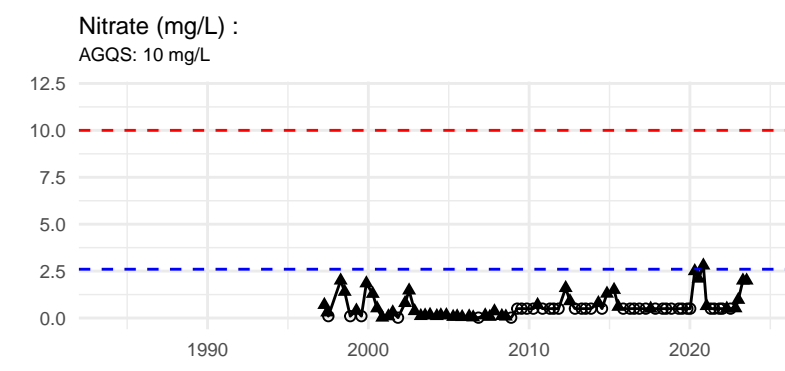
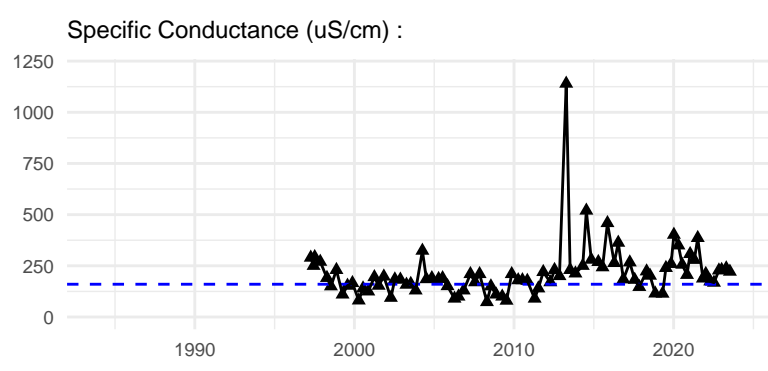
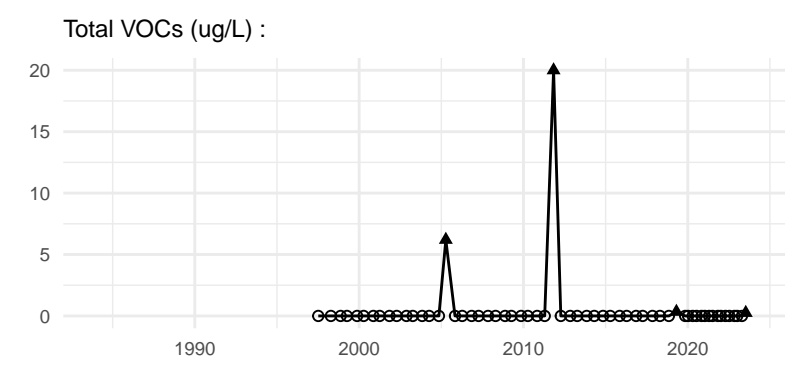
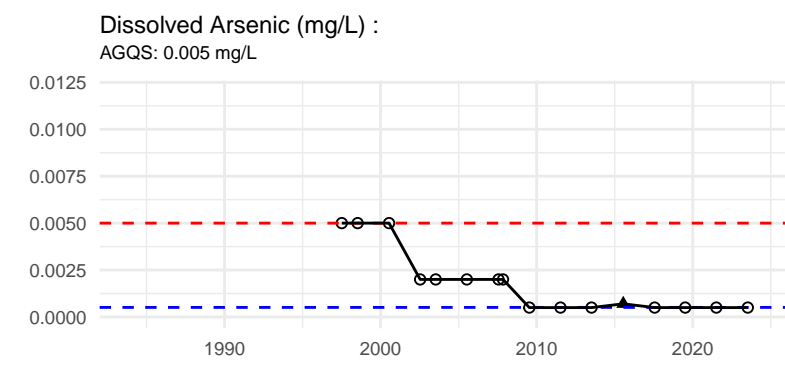
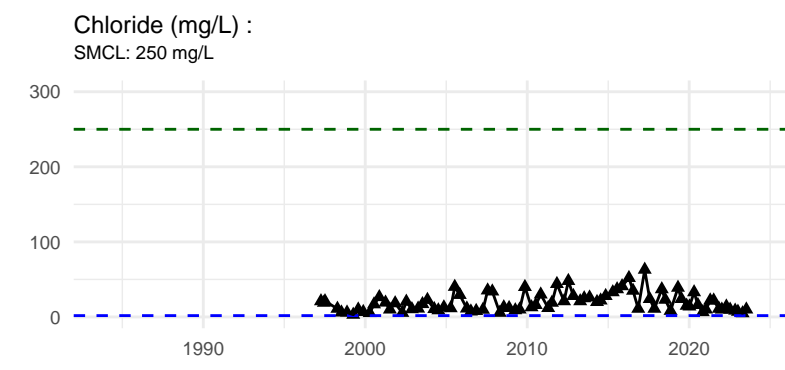
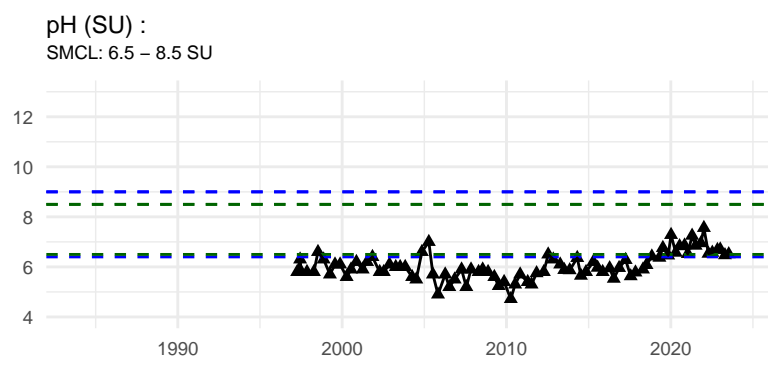
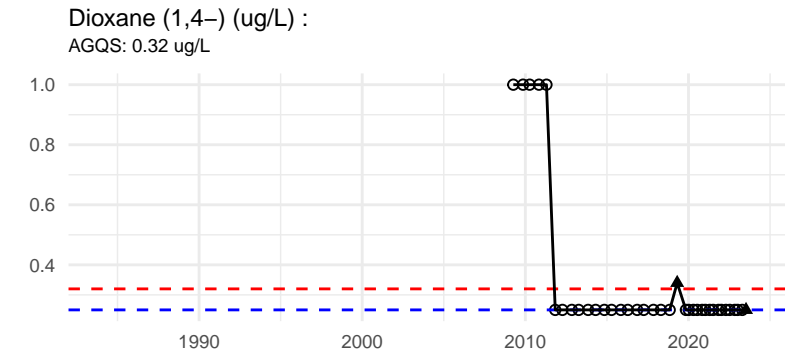
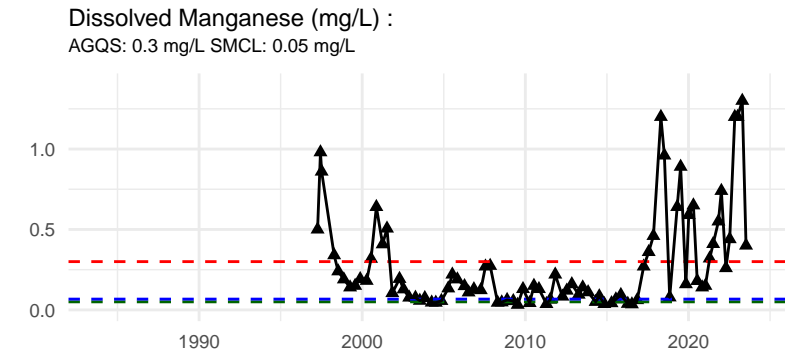
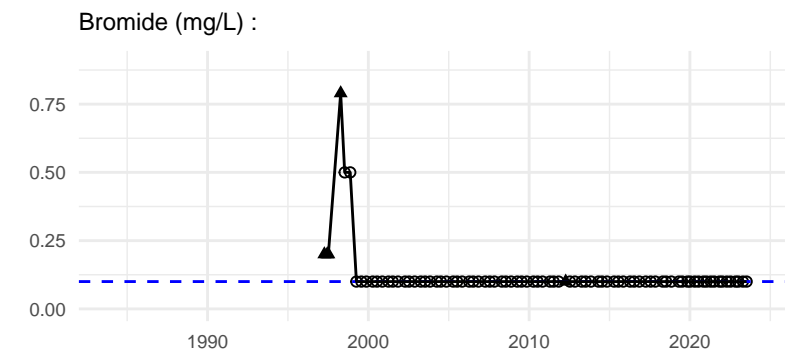
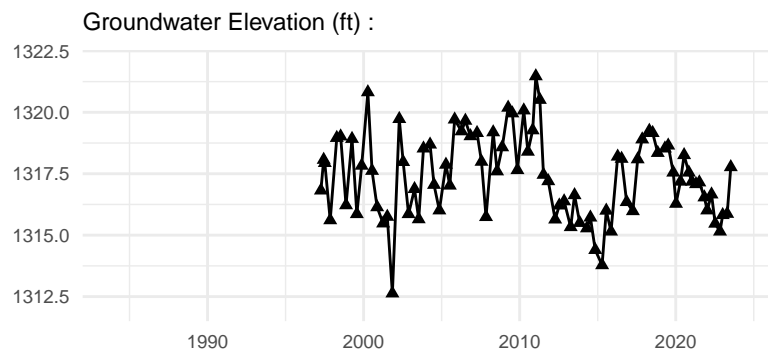
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



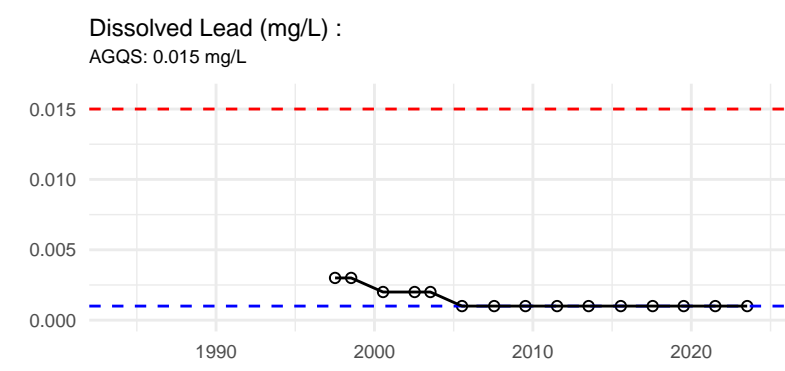
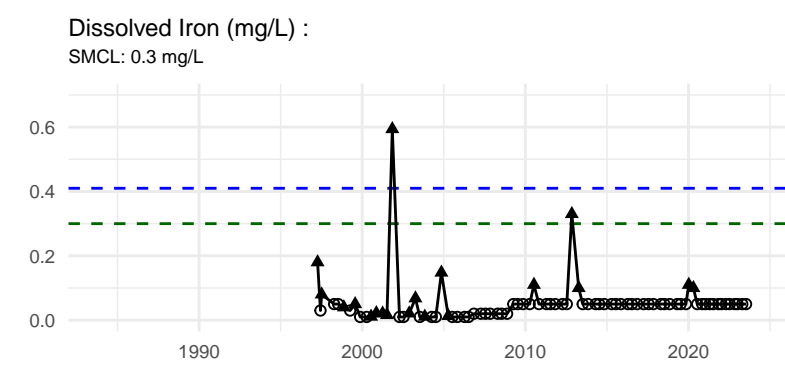
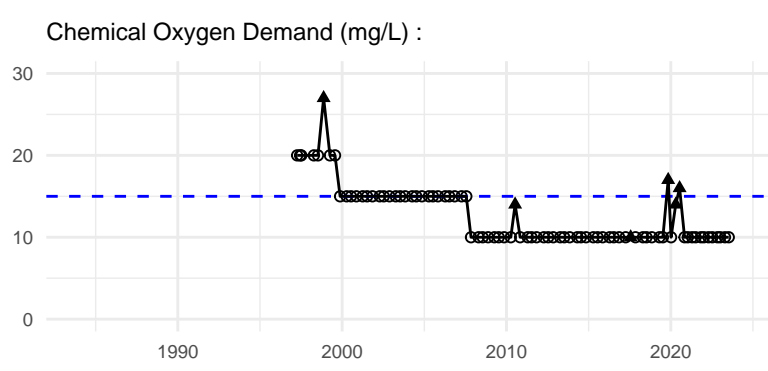
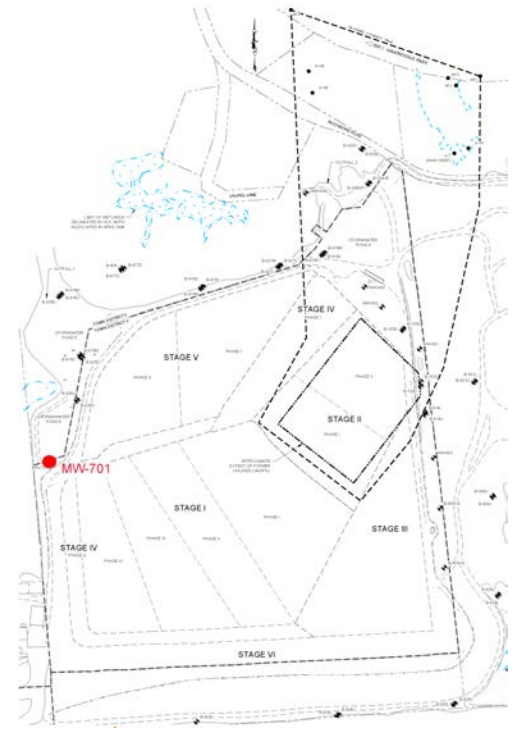
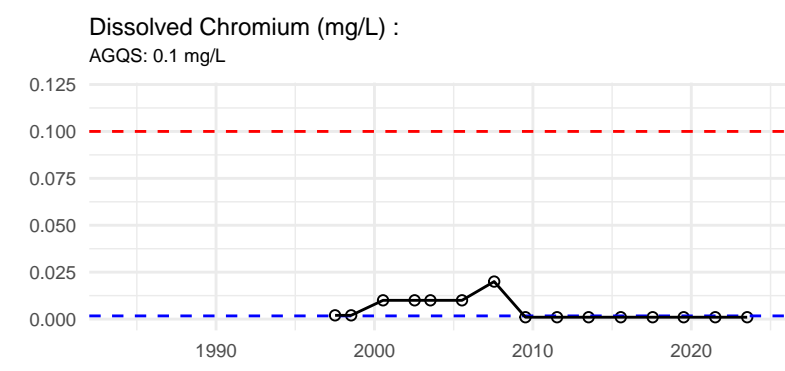
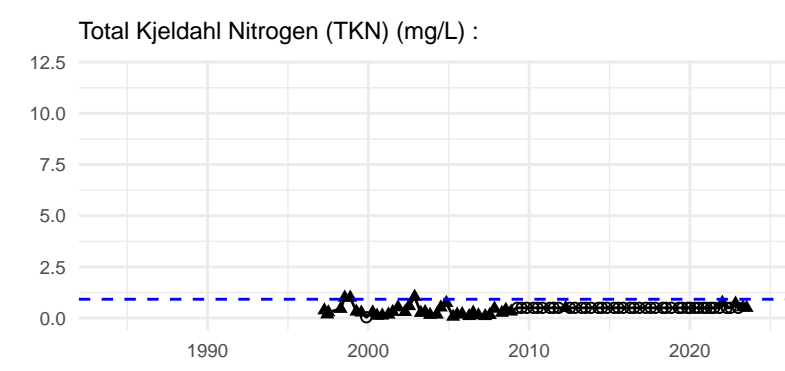
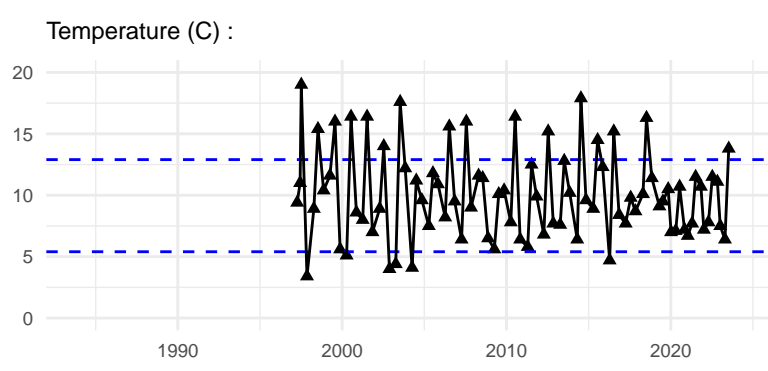


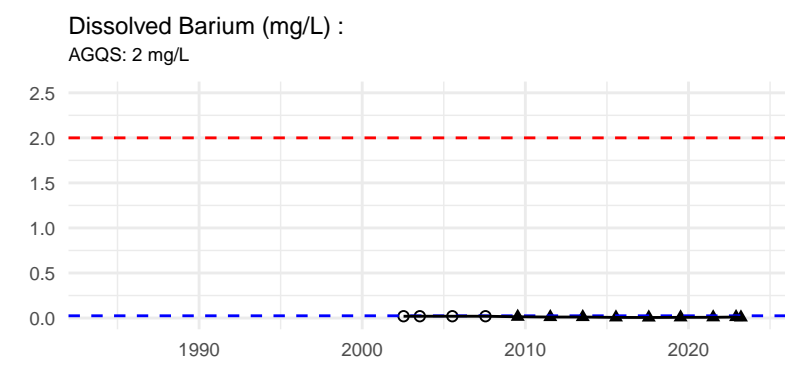
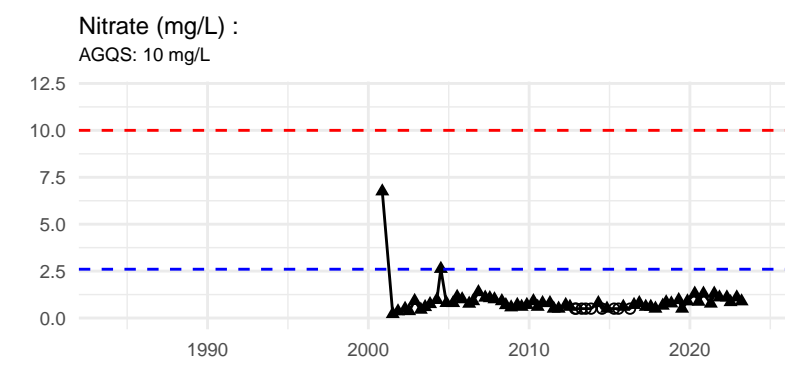
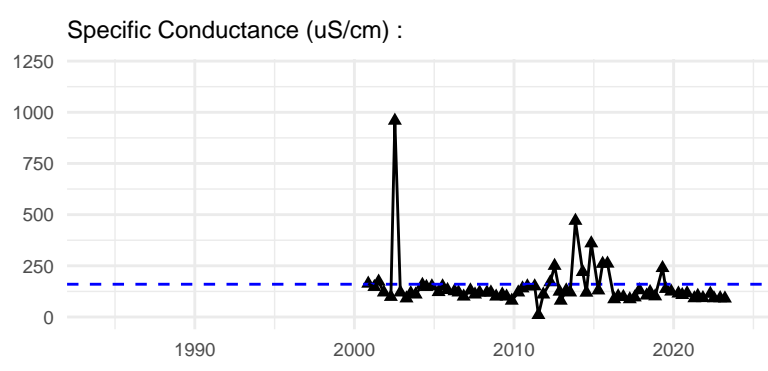
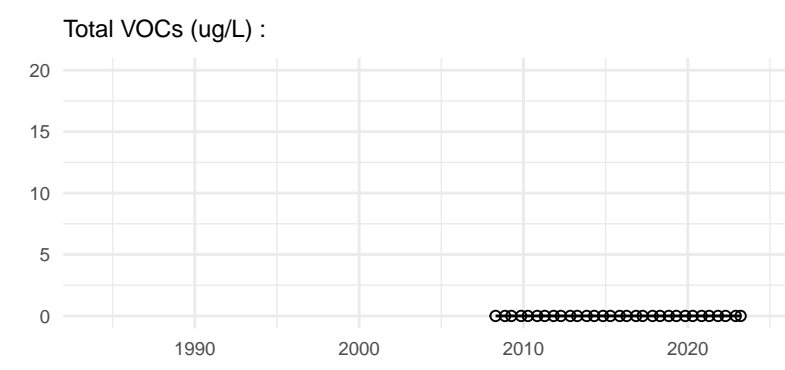
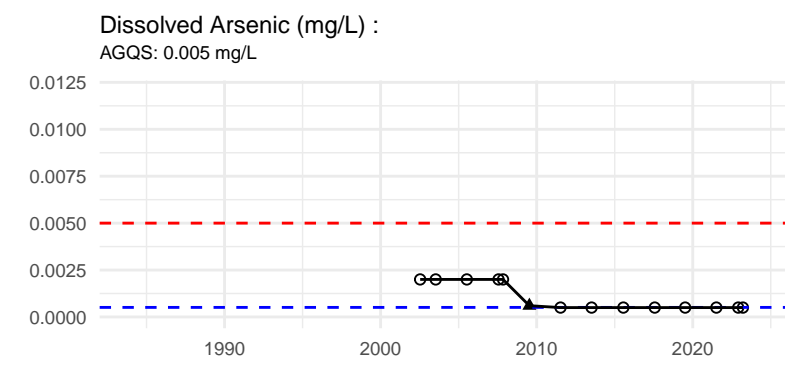
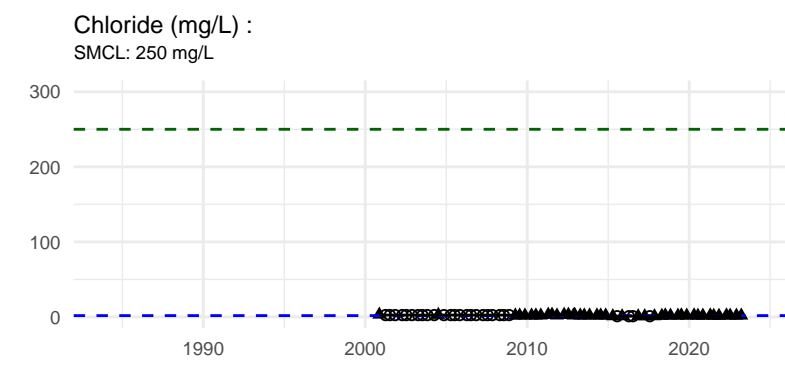
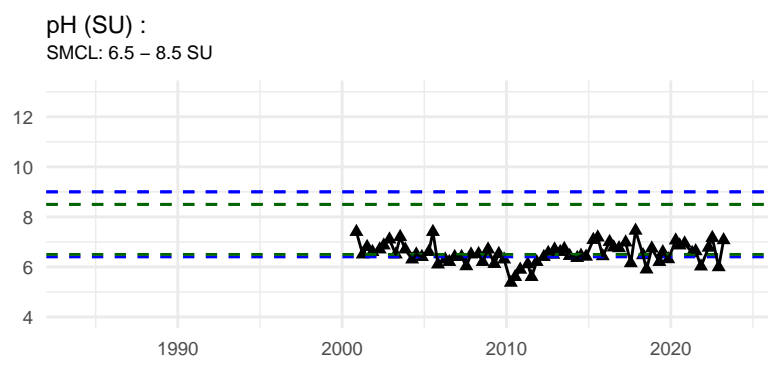
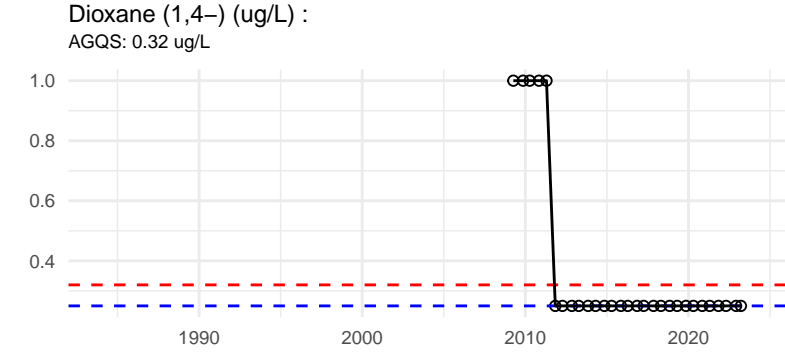
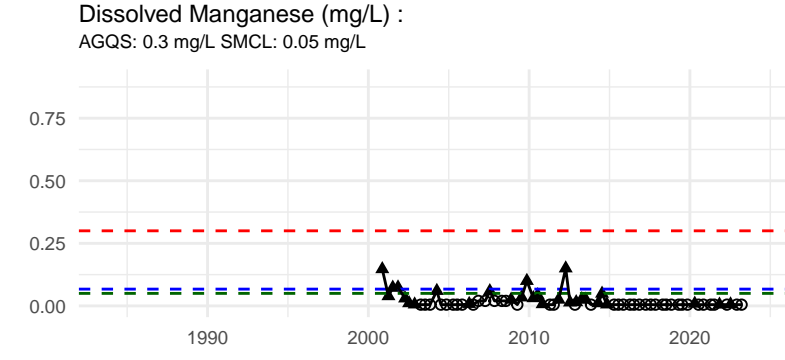
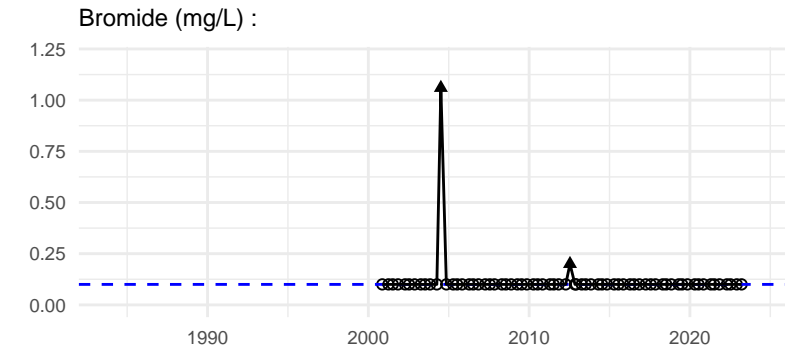
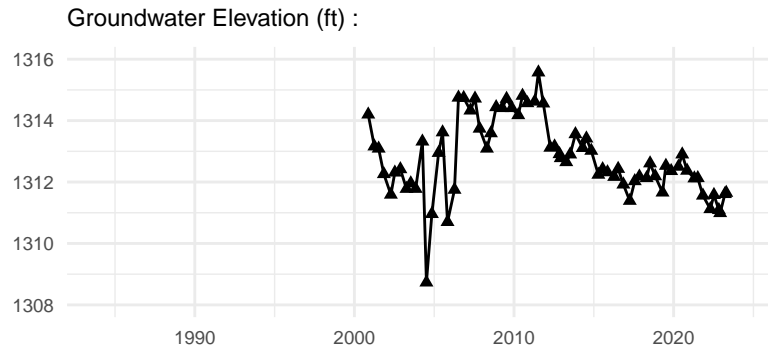
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



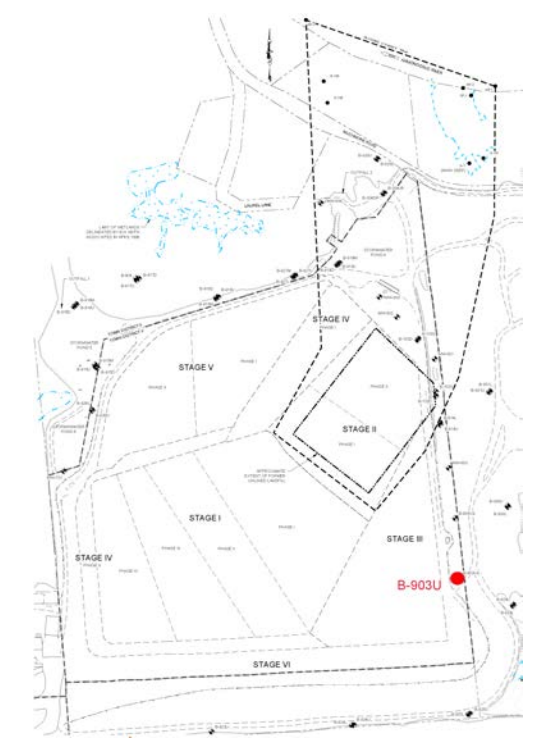
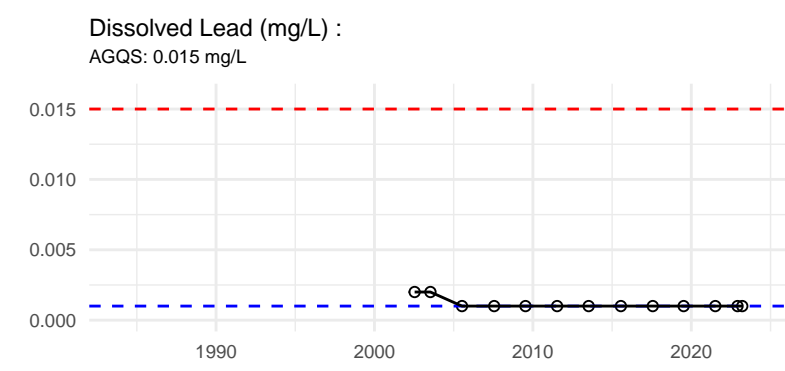
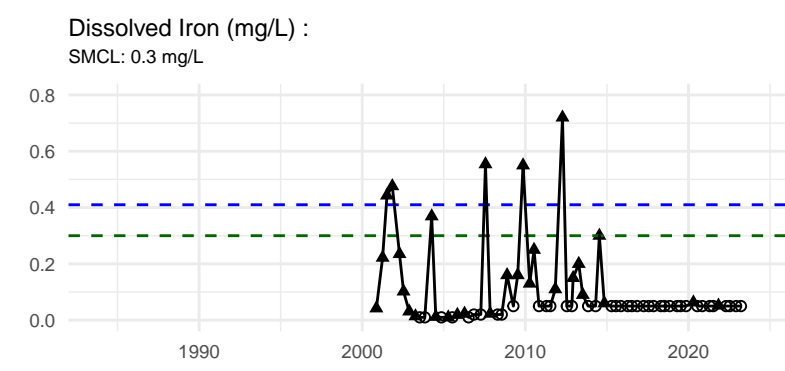
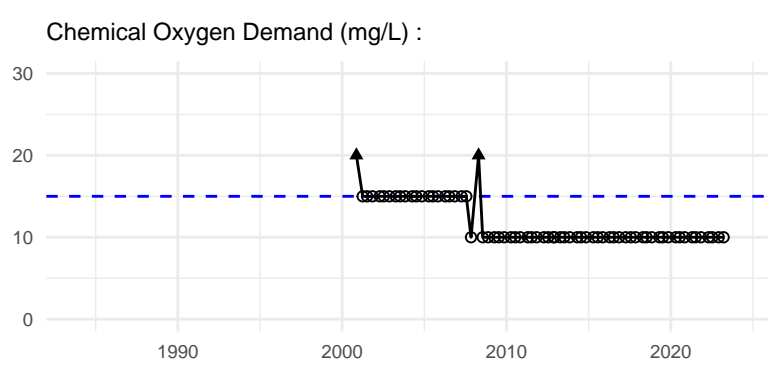
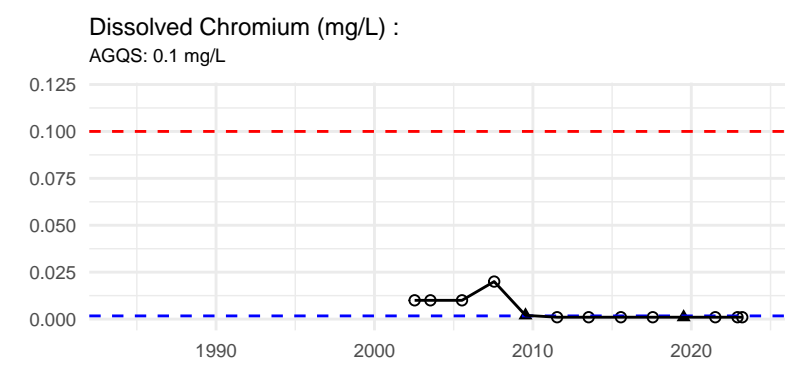
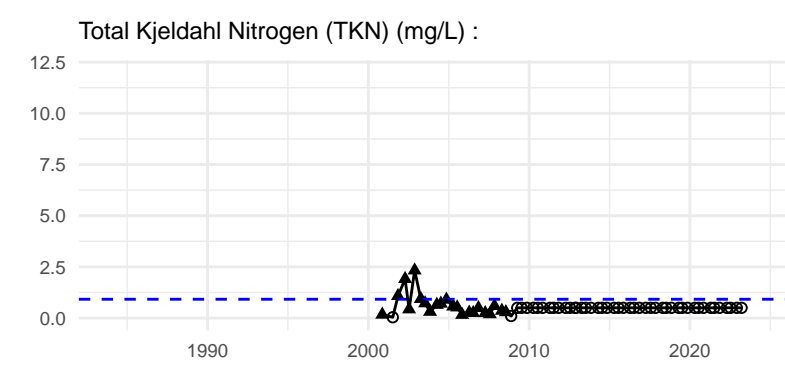
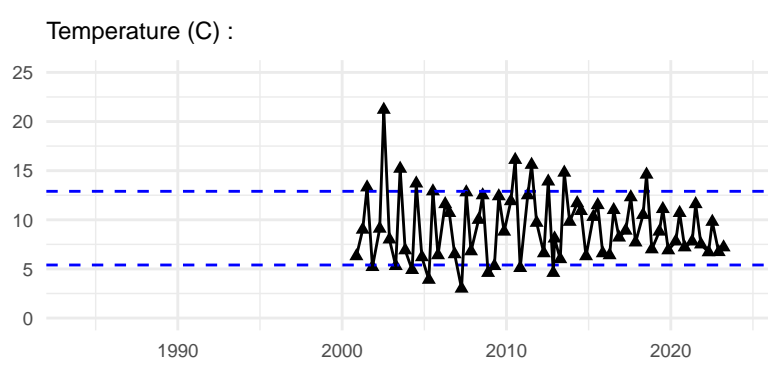


Result

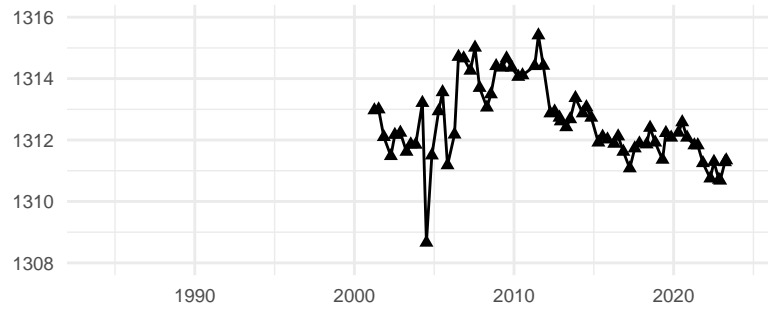
- ▲ Detect
- Non-Detect

Standard

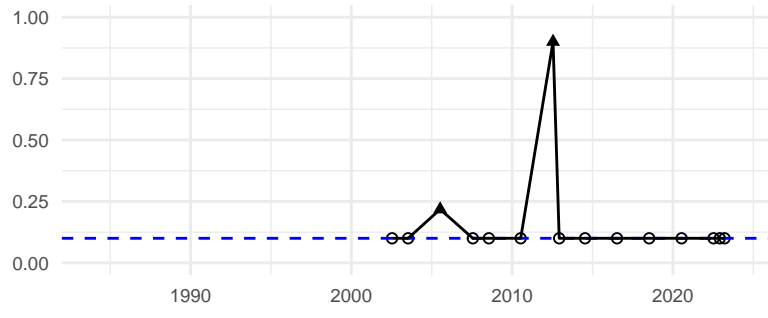
- - - AGQS
- - - SMCL
- - - Background



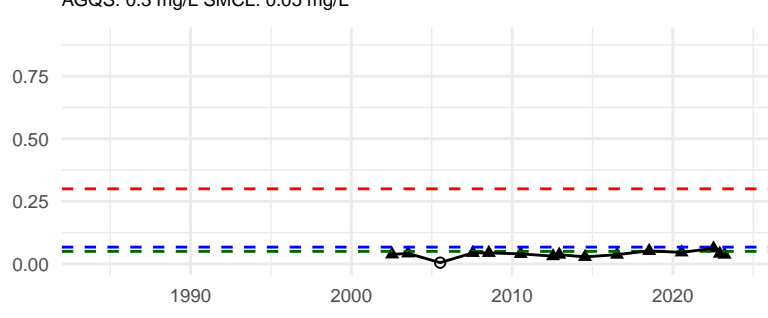
Groundwater Elevation (ft) :



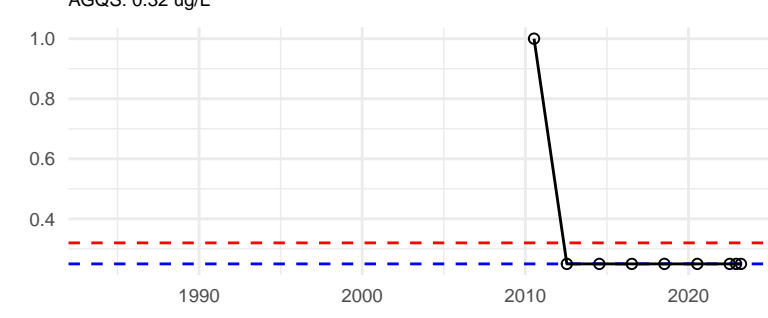
Bromide (mg/L) :



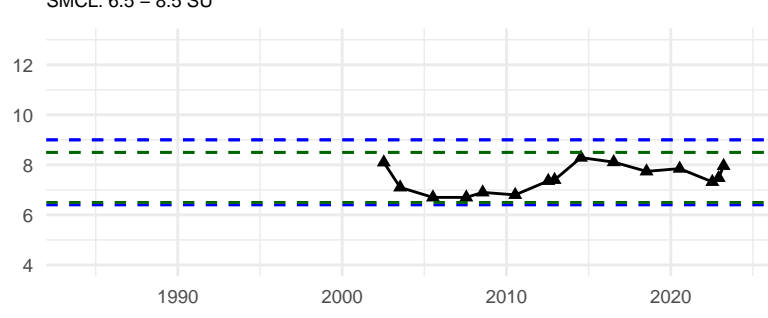
Dissolved Manganese (mg/L) :



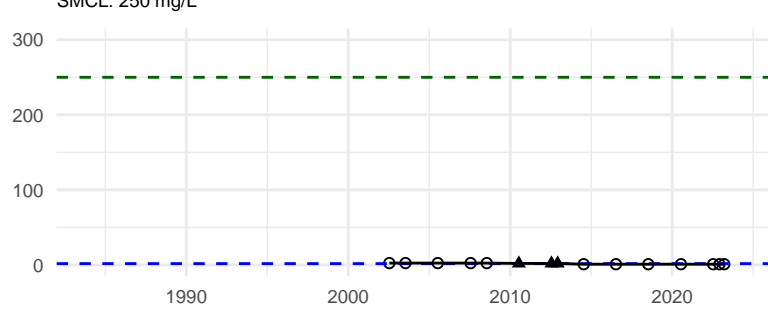
Dioxane (1,4-) (ug/L) :



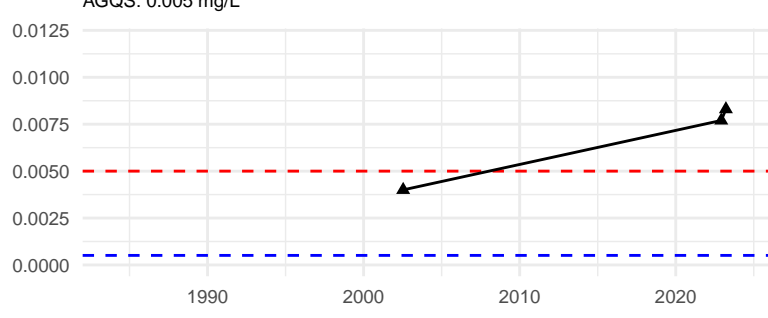
pH (SU) :



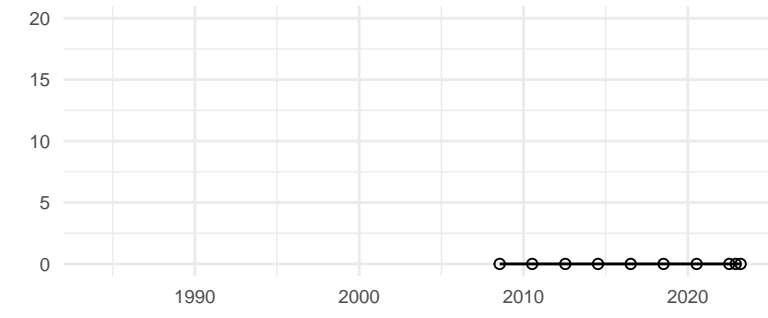
Chloride (mg/L) :



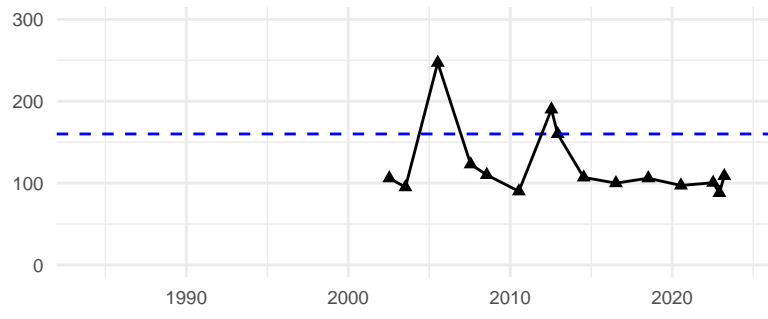
Dissolved Arsenic (mg/L) :



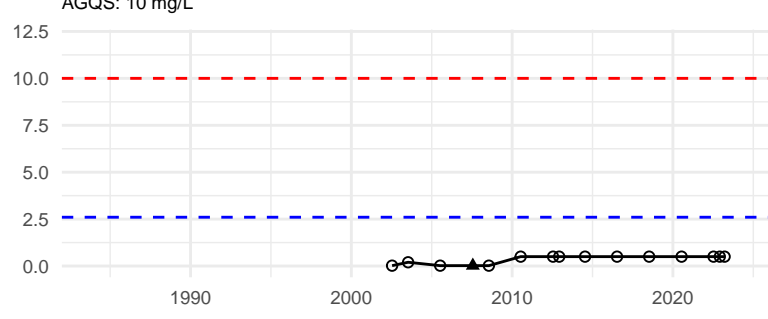
Total VOCs (ug/L) :



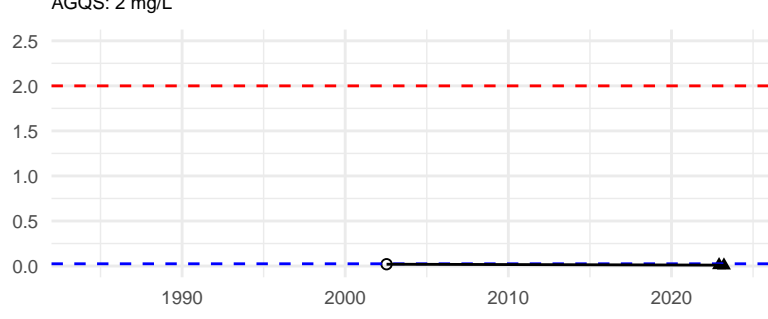
Specific Conductance (uS/cm) :



Nitrate (mg/L) :



Dissolved Barium (mg/L) :



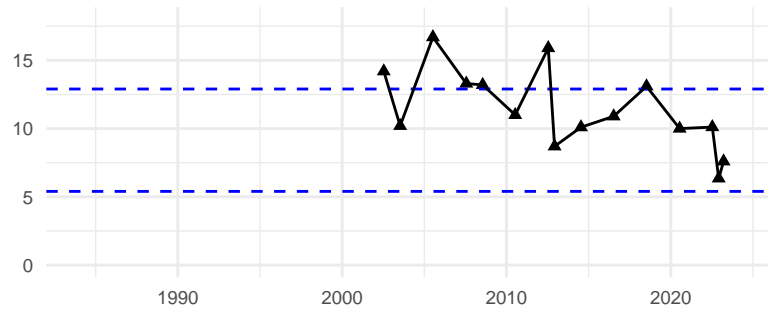
Result

- ▲ Detect
- Non-Detect

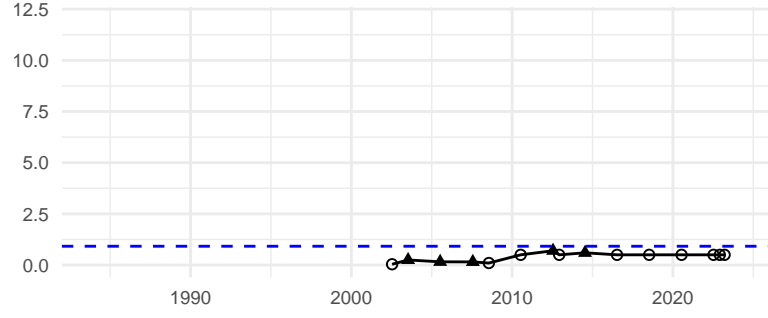
Standard

- - - AGQS
- - - SMCL
- - - Background

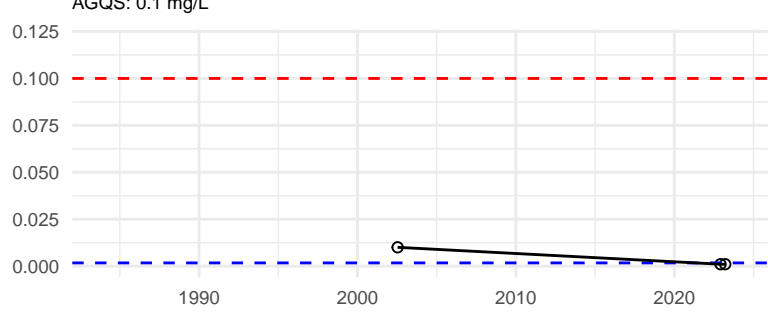
Temperature (C) :



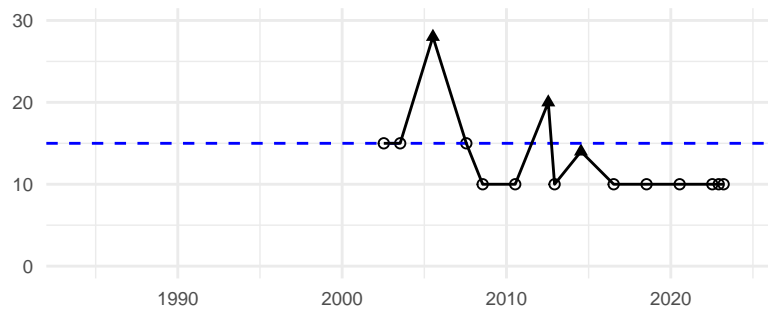
Total Kjeldahl Nitrogen (TKN) (mg/L) :



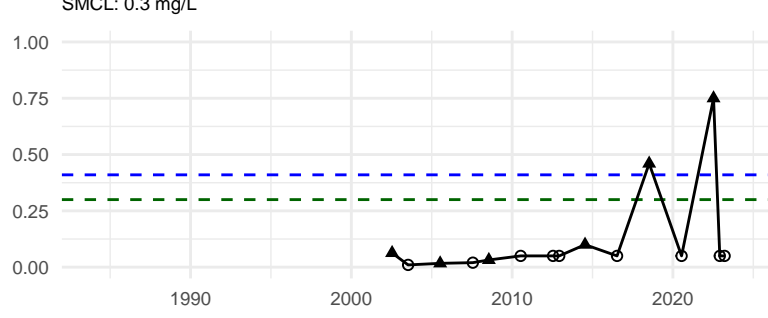
Dissolved Chromium (mg/L) :



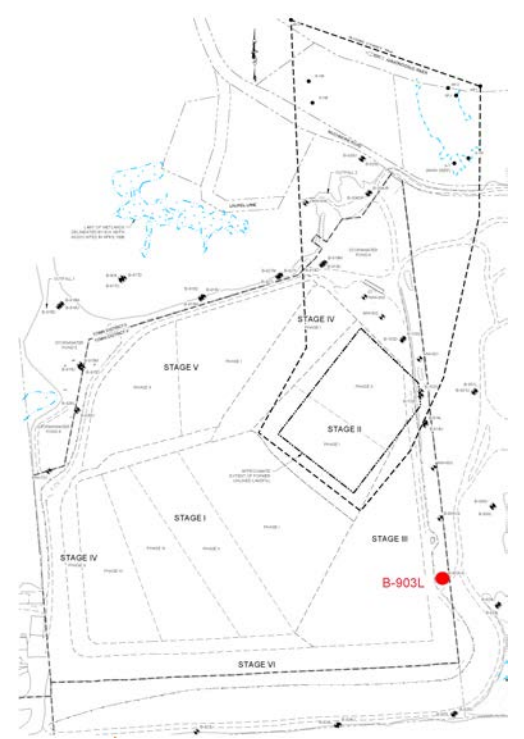
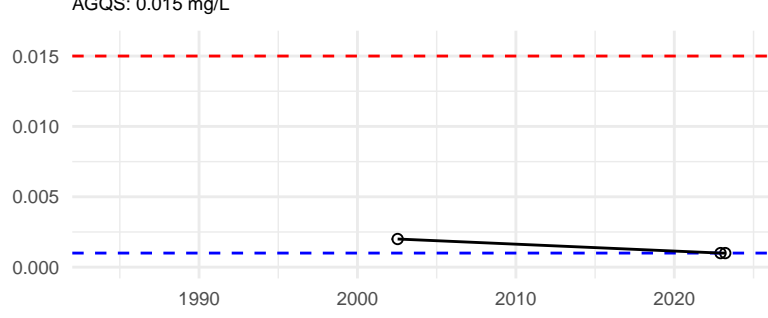
Chemical Oxygen Demand (mg/L) :



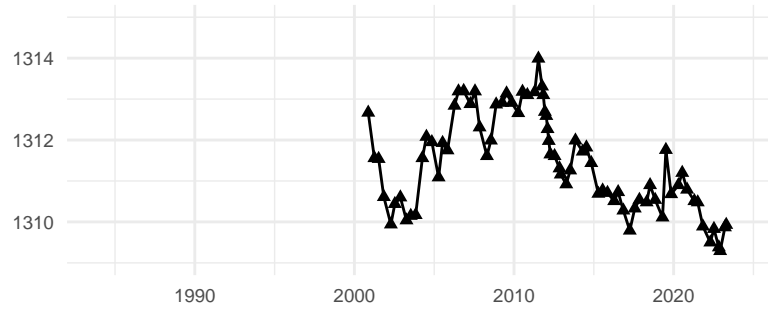
Dissolved Iron (mg/L) :



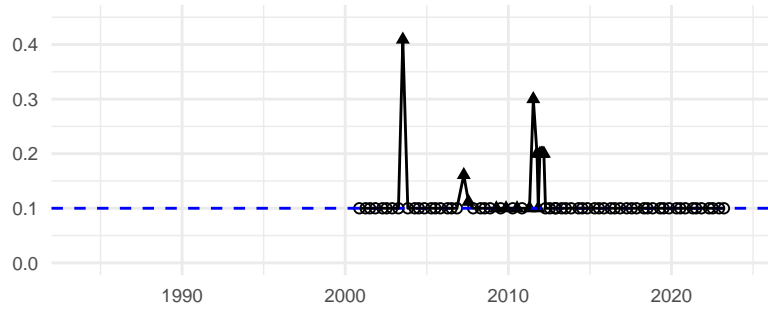
Dissolved Lead (mg/L) :



Groundwater Elevation (ft) :

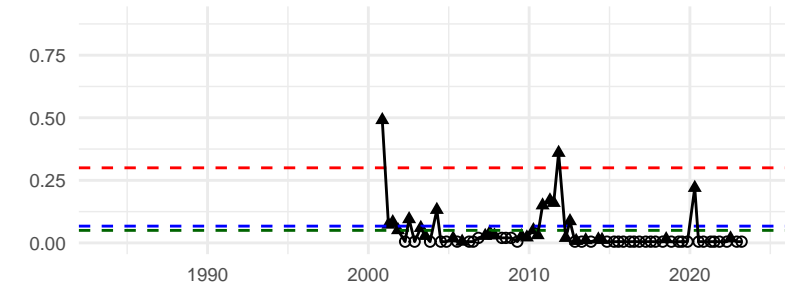


Bromide (mg/L) :



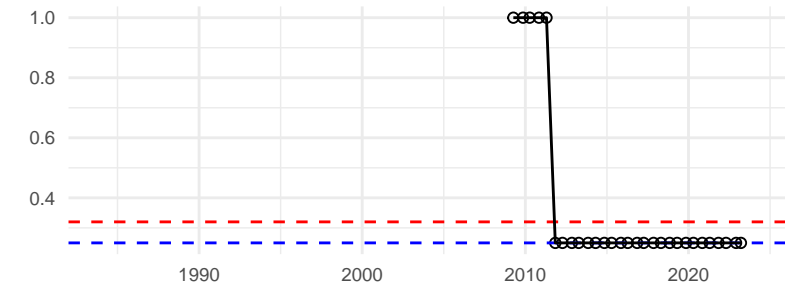
Dissolved Manganese (mg/L) :

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



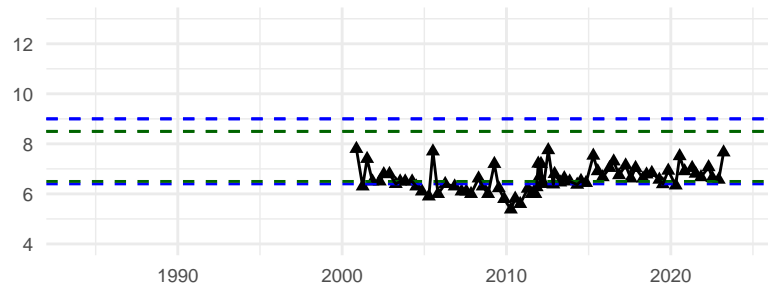
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



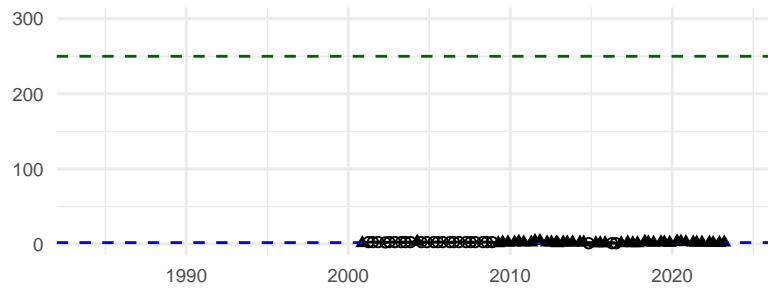
pH (SU) :

SMCL: 6.5 - 8.5 SU



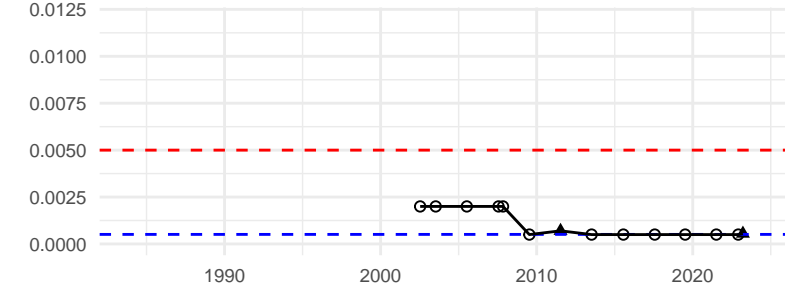
Chloride (mg/L) :

SMCL: 250 mg/L

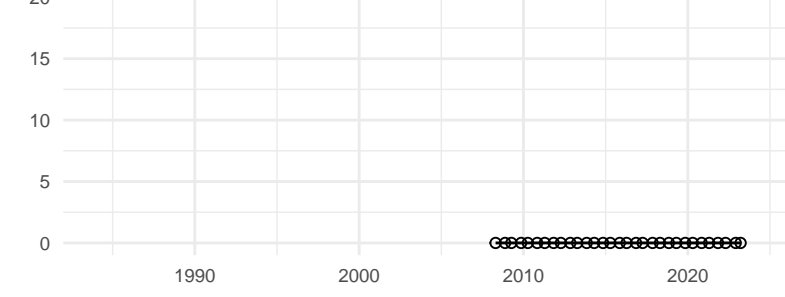


Dissolved Arsenic (mg/L) :

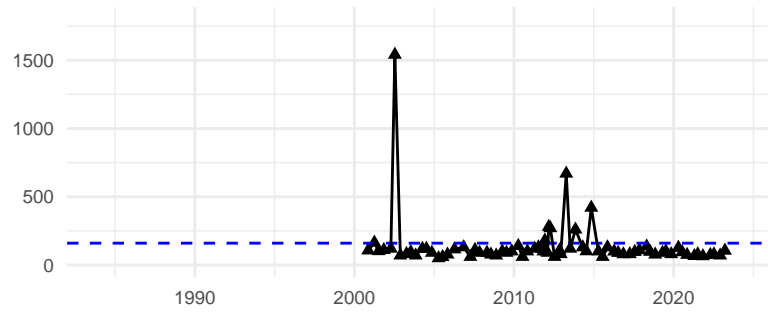
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

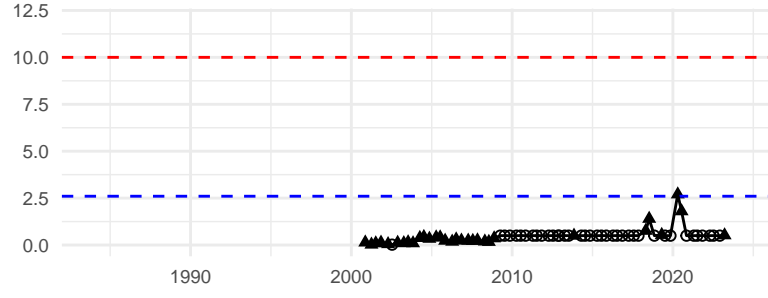


Specific Conductance (uS/cm) :



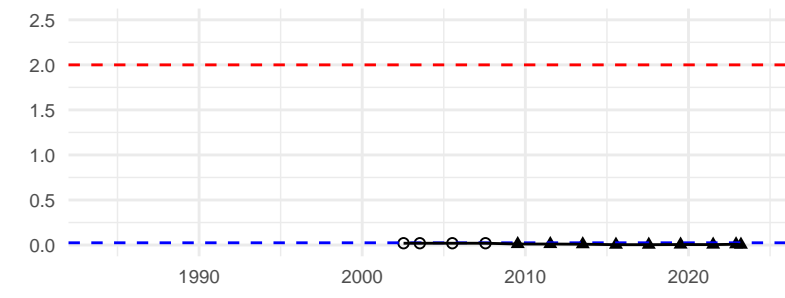
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



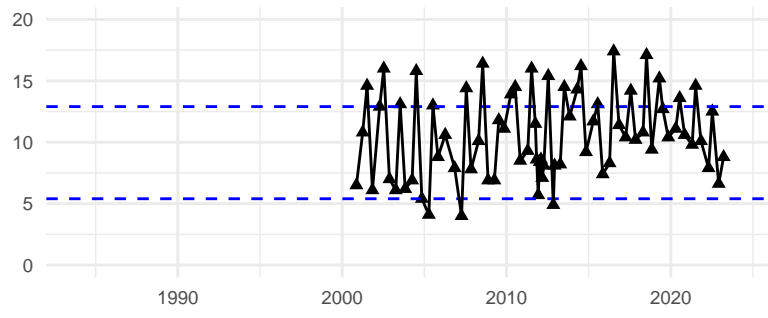
Result

- ▲ Detect
- Non-Detect

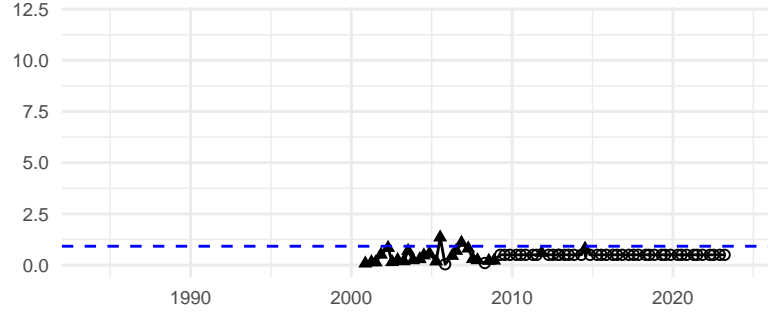
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

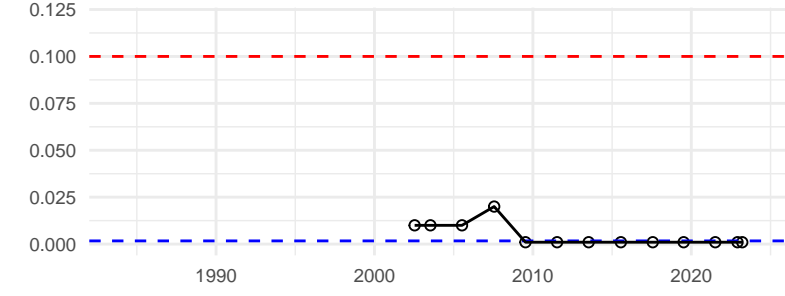


Total Kjeldahl Nitrogen (TKN) (mg/L) :

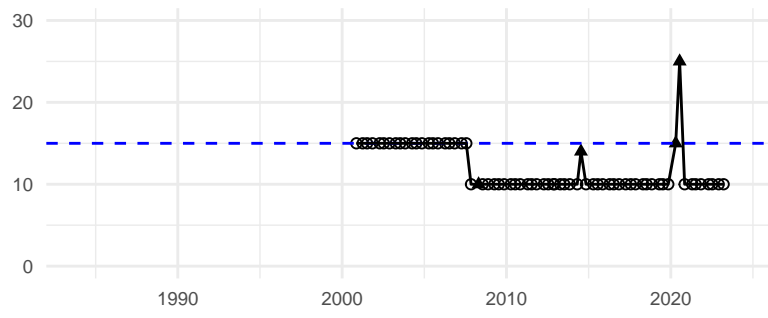


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

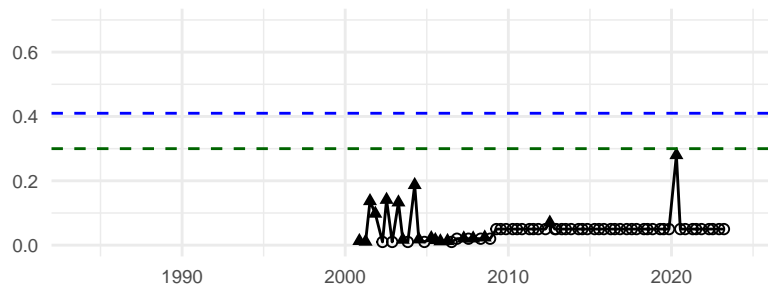


Chemical Oxygen Demand (mg/L) :



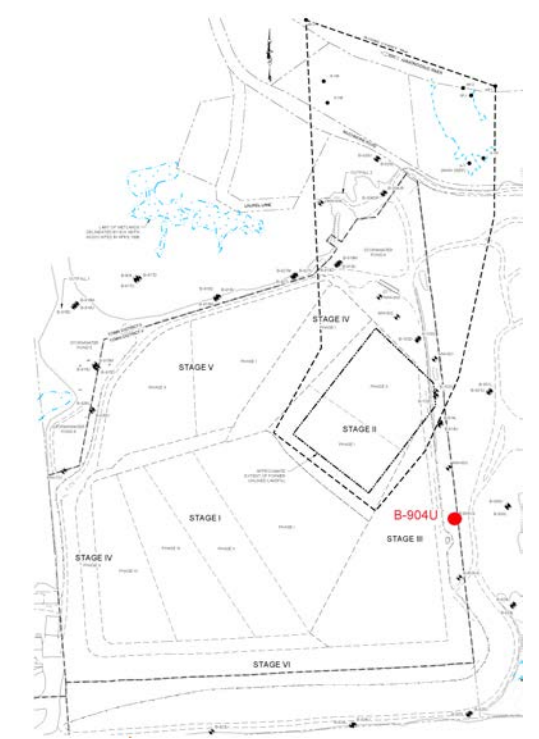
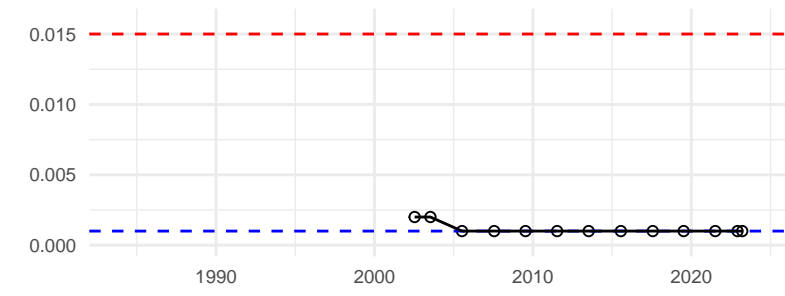
Dissolved Iron (mg/L) :

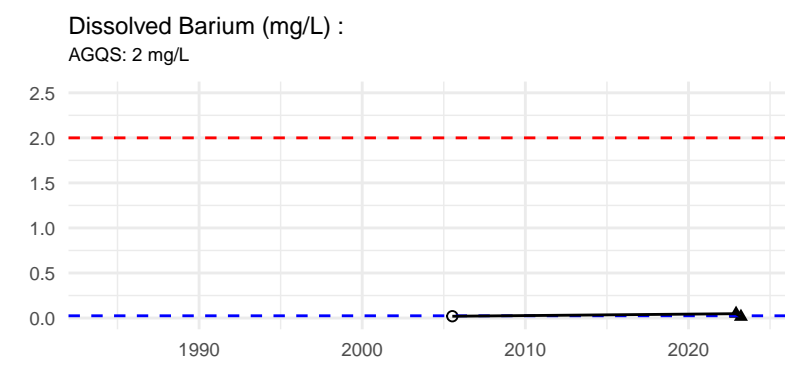
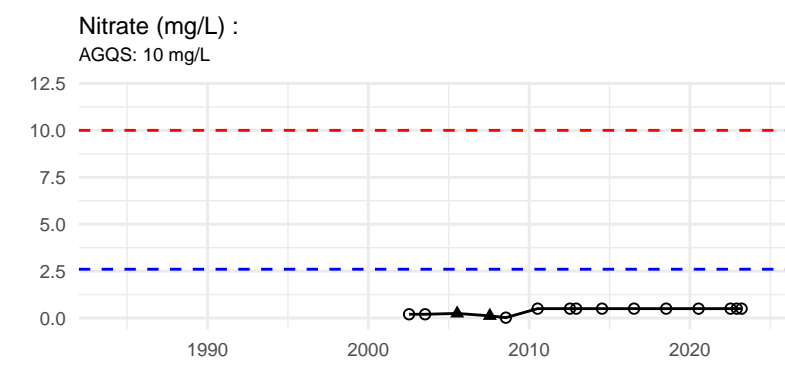
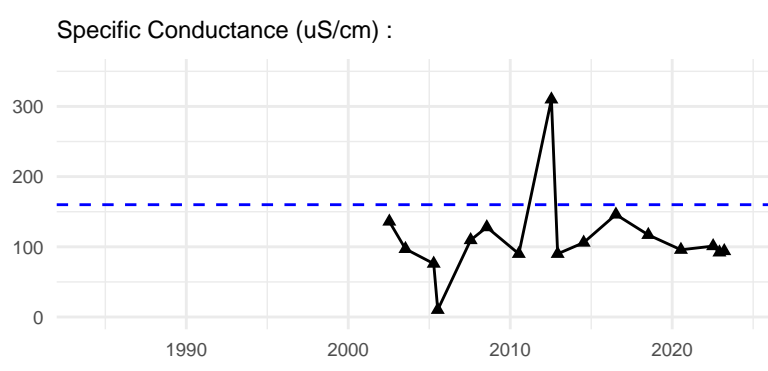
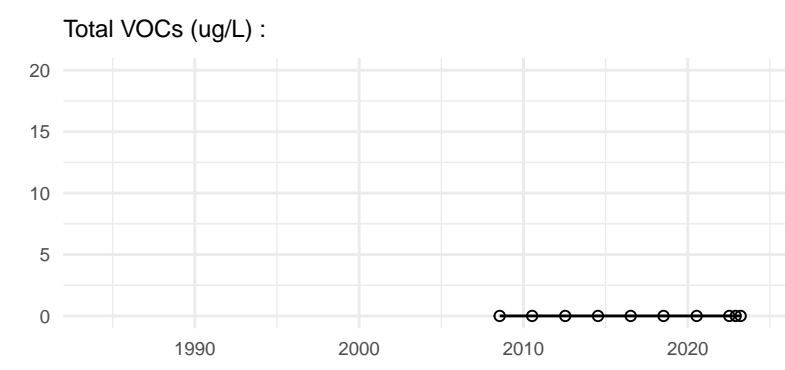
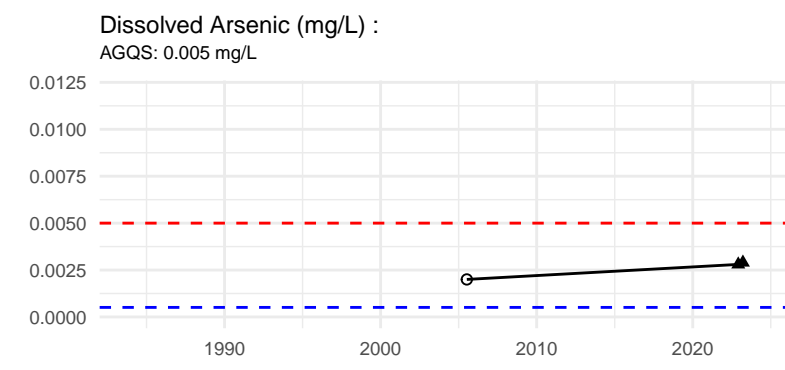
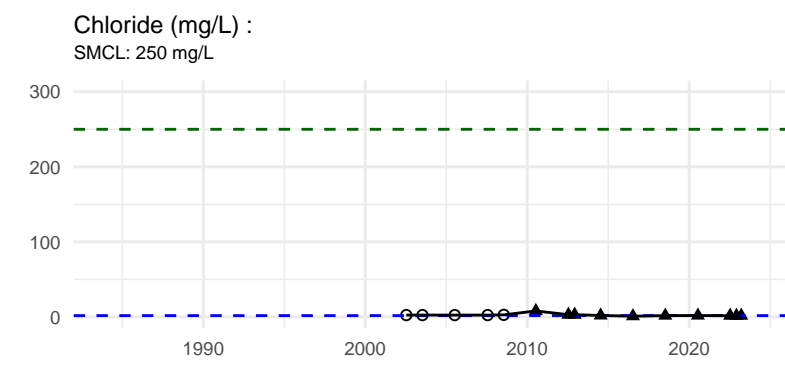
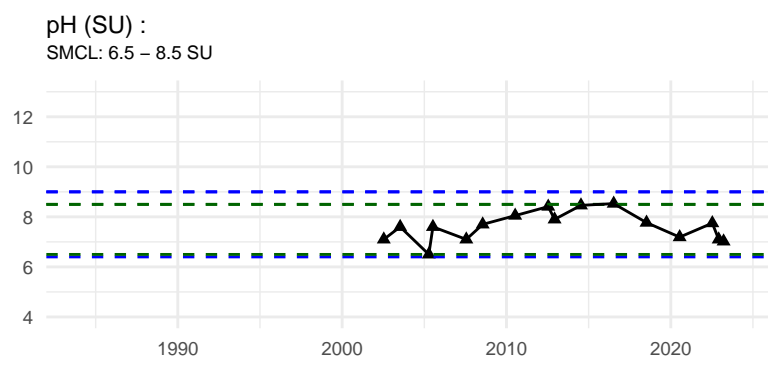
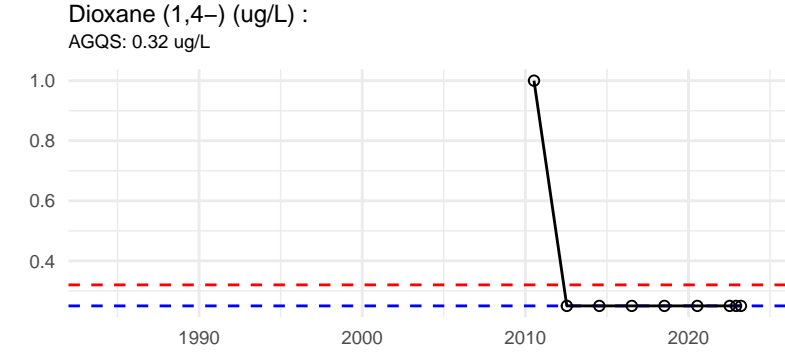
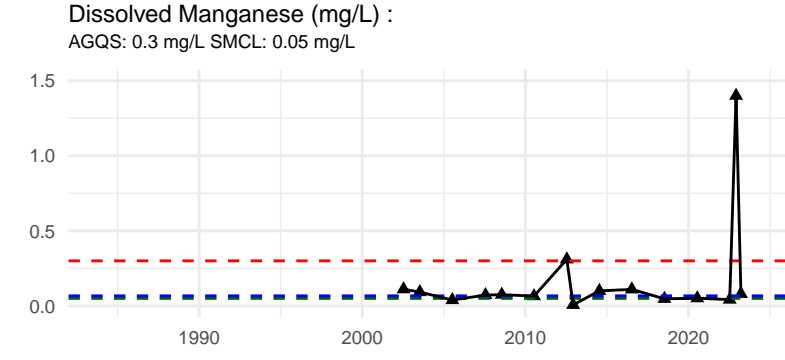
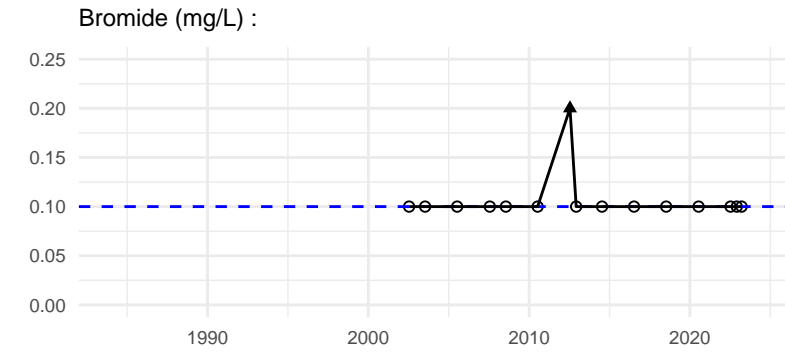
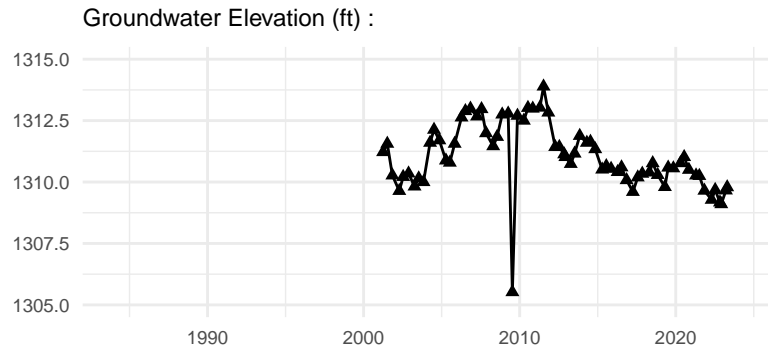
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



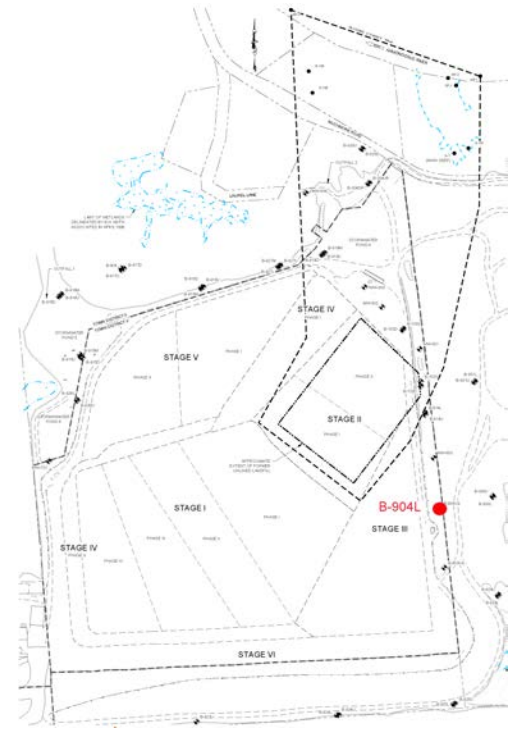
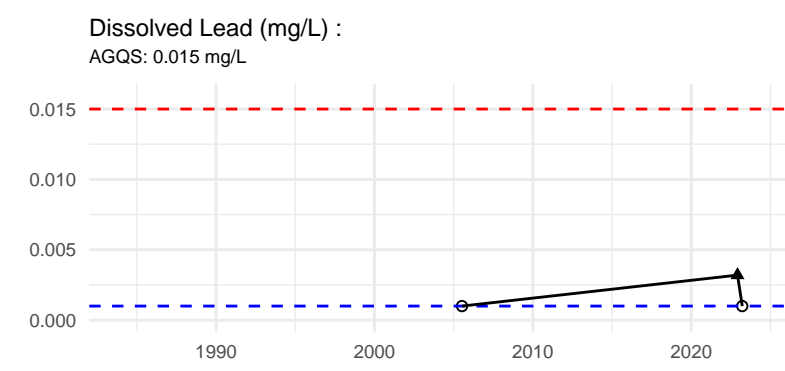
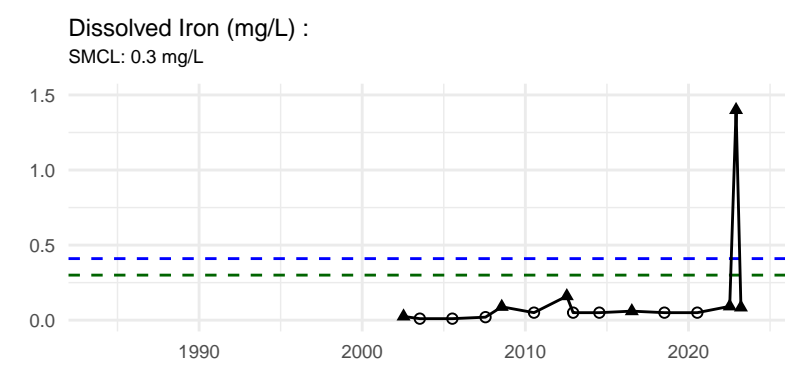
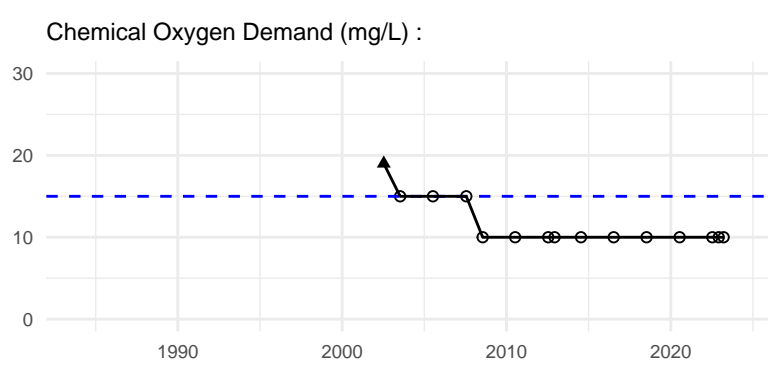
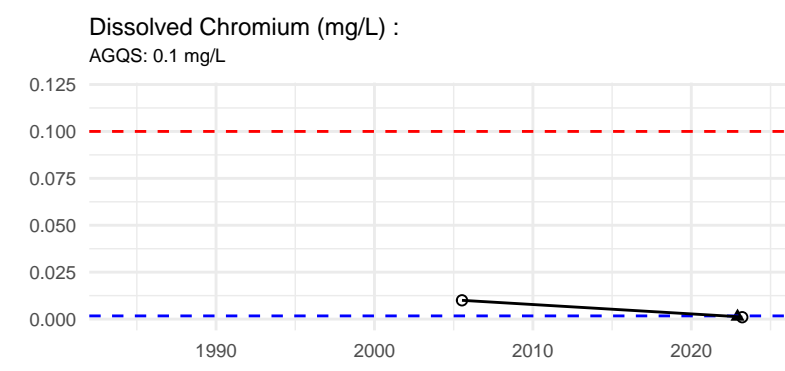
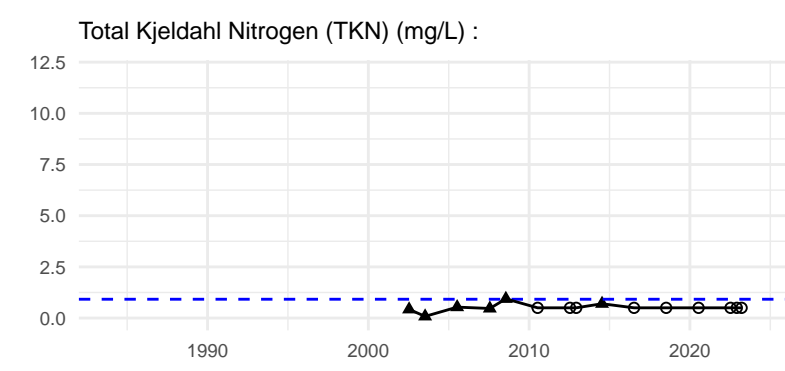
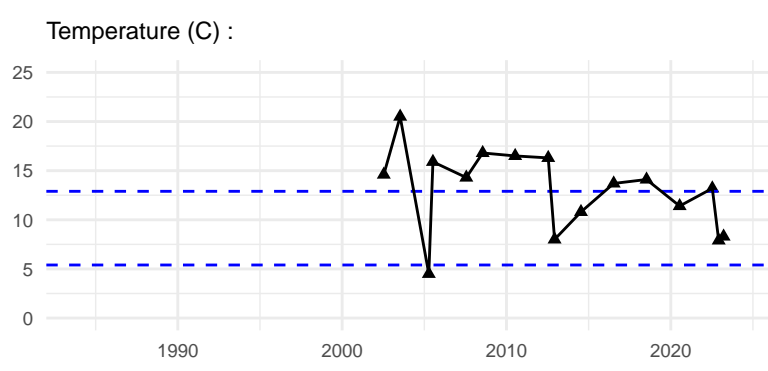


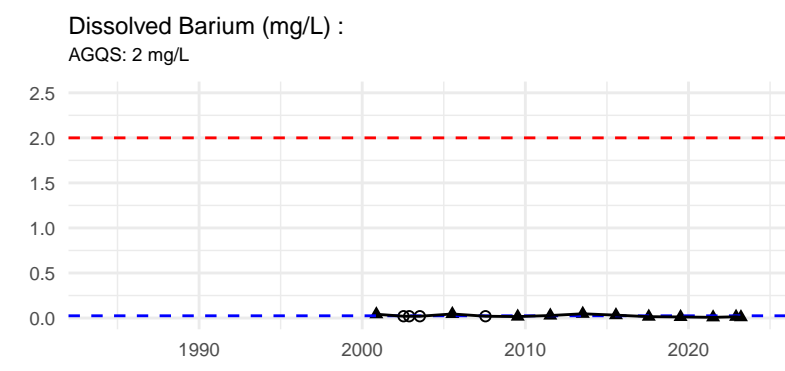
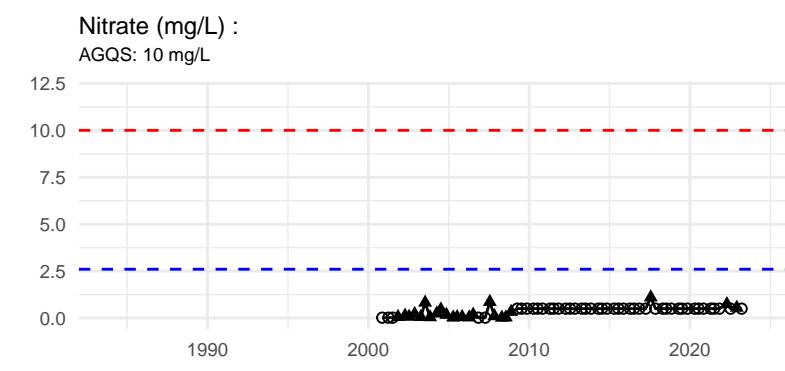
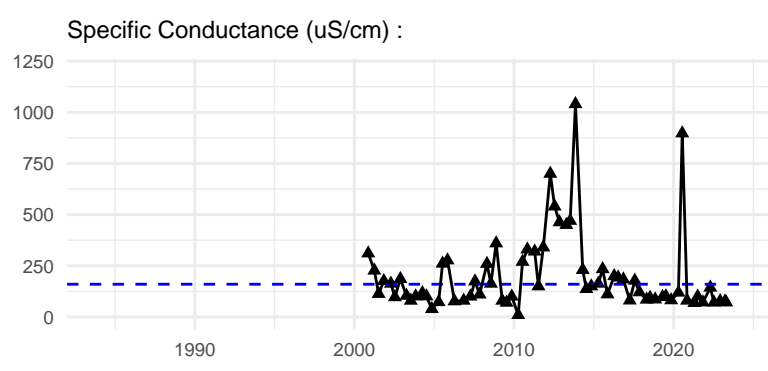
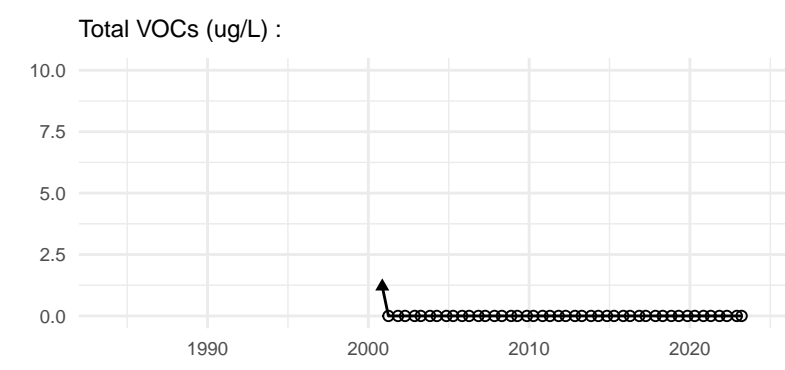
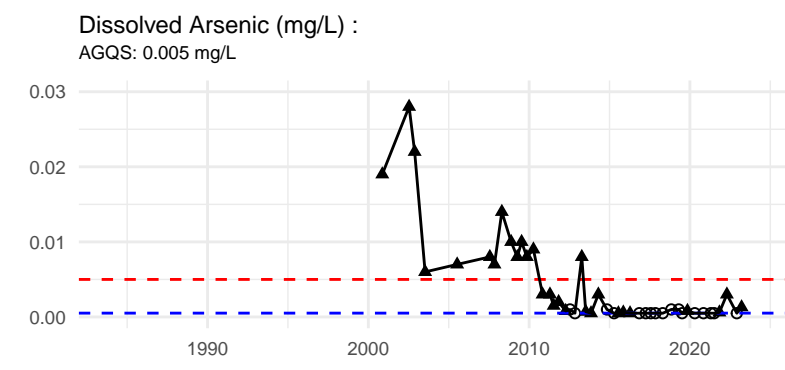
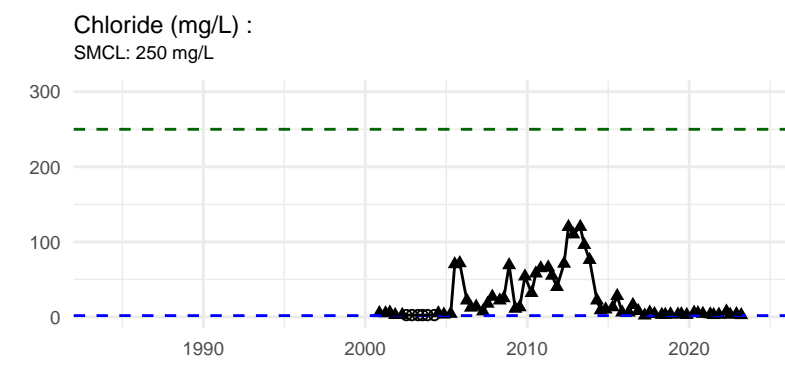
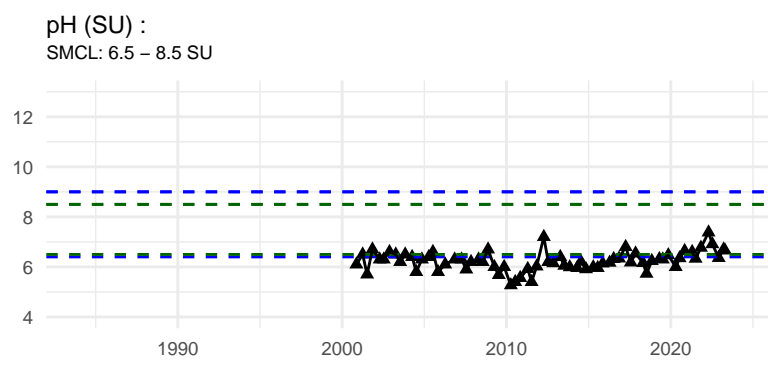
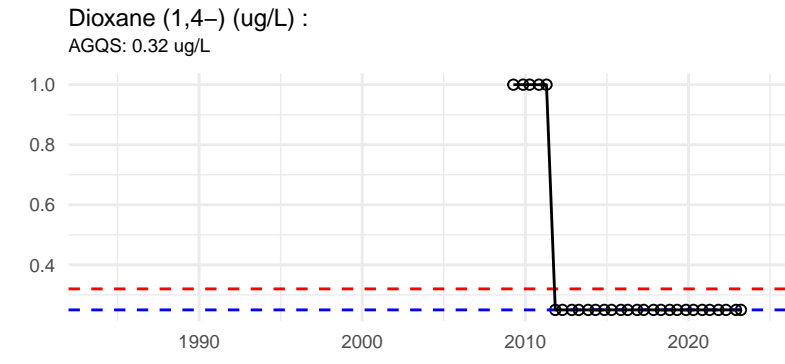
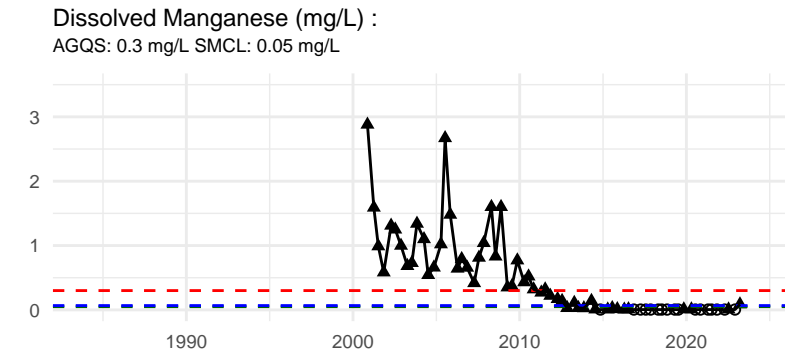
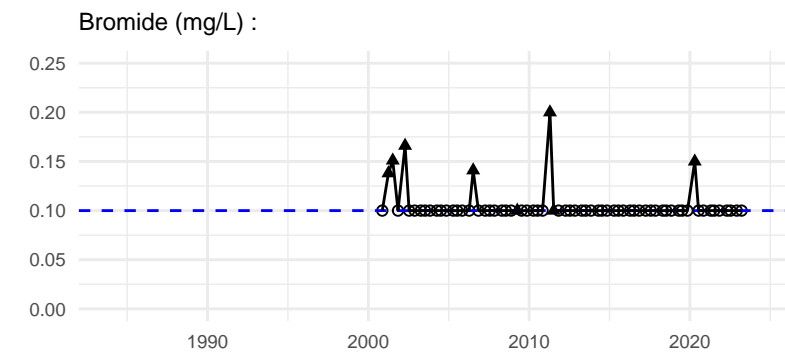
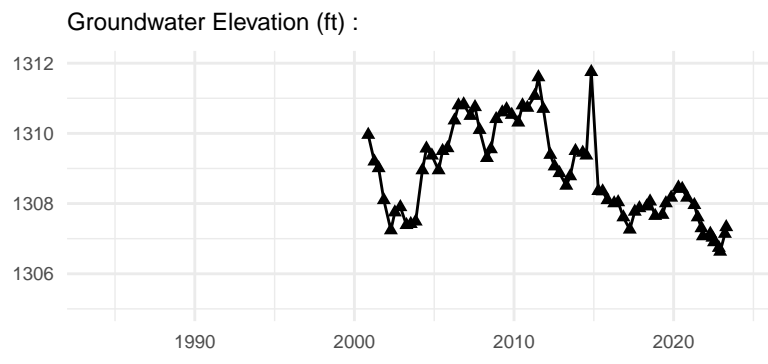
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



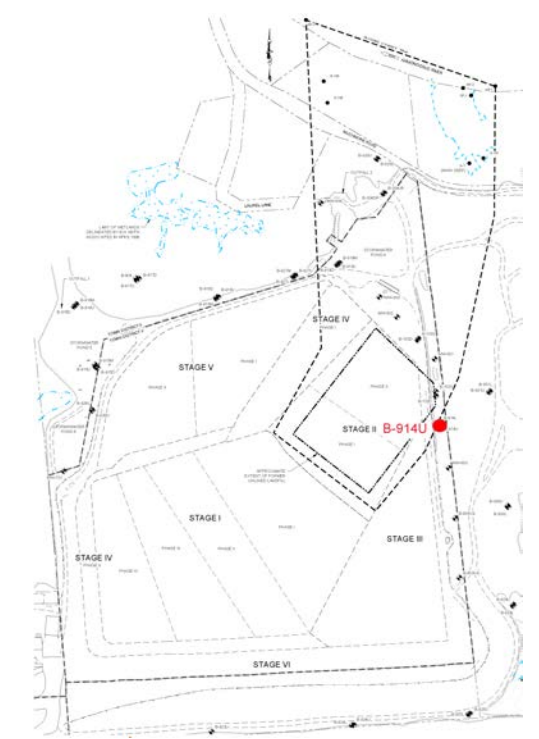
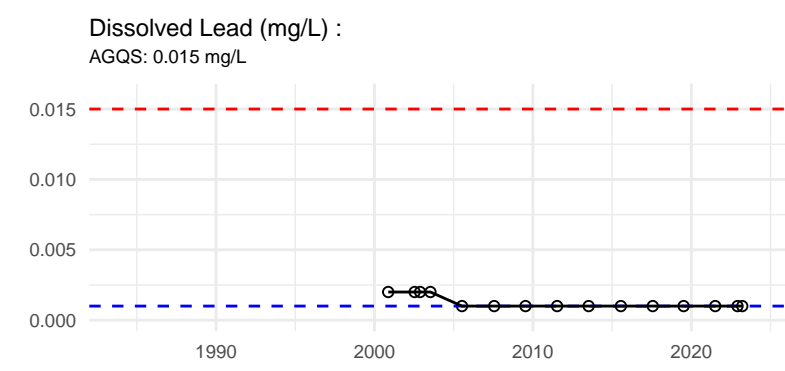
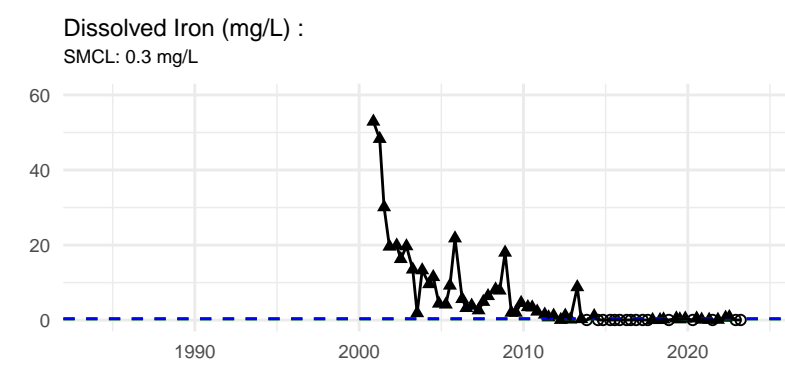
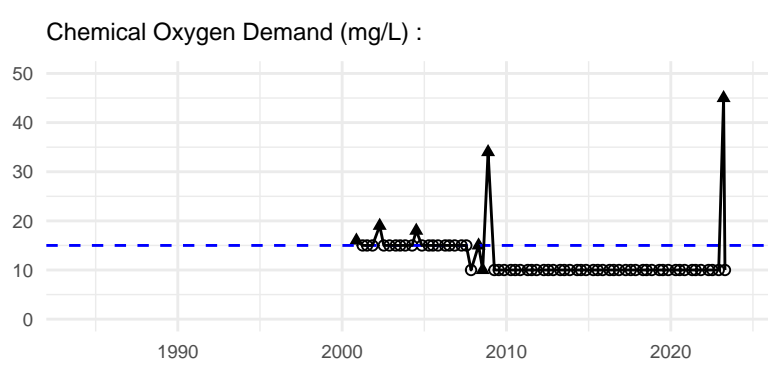
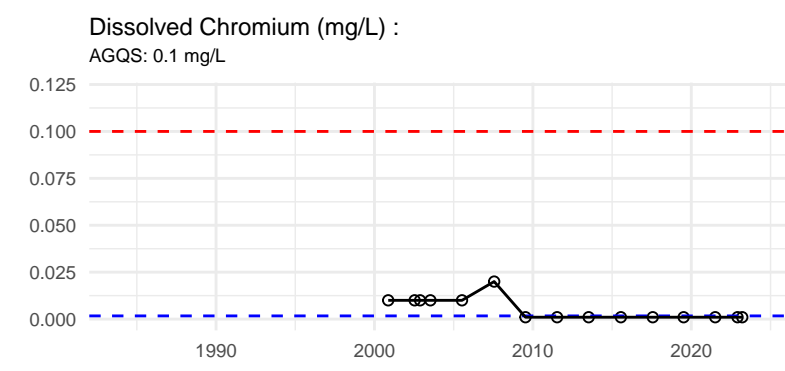
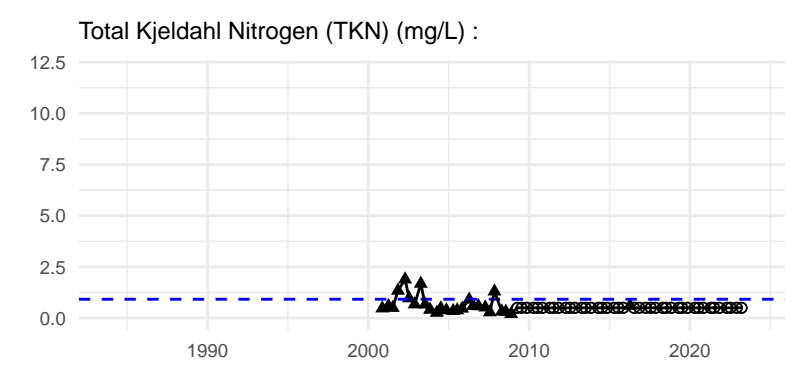
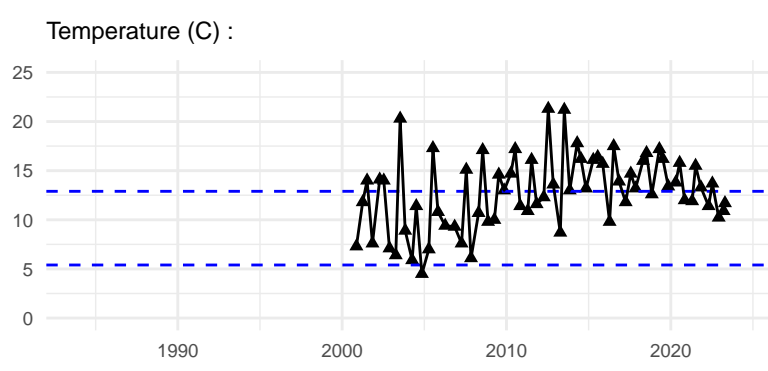


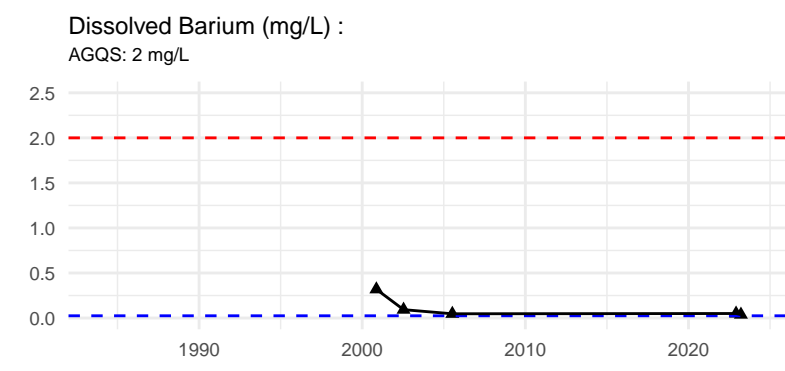
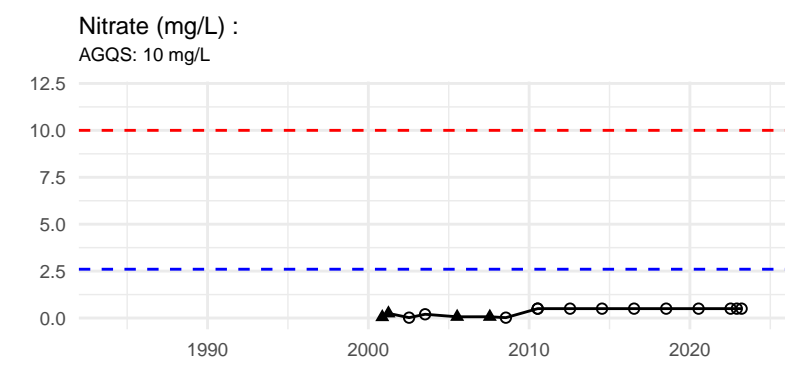
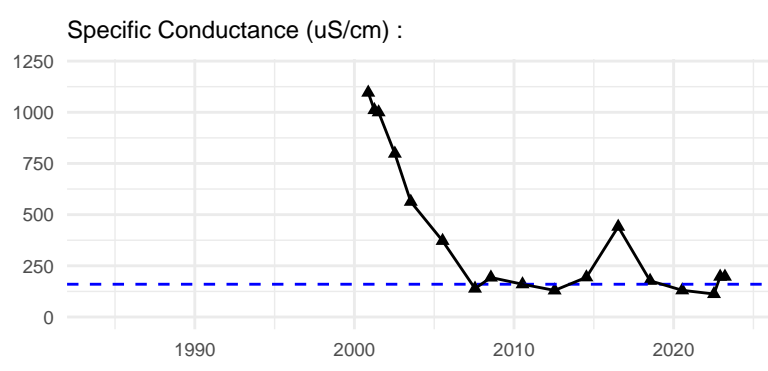
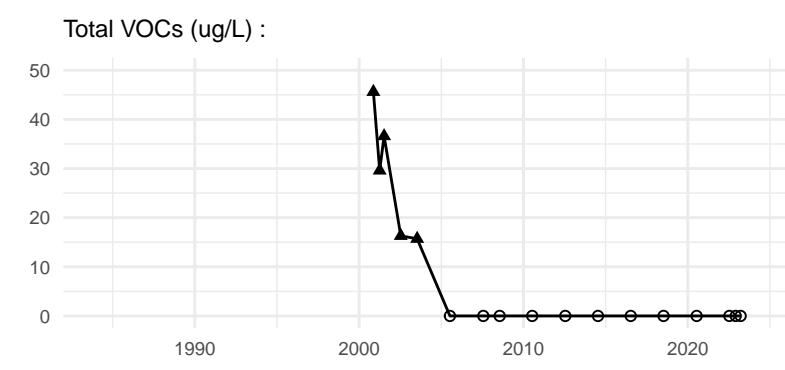
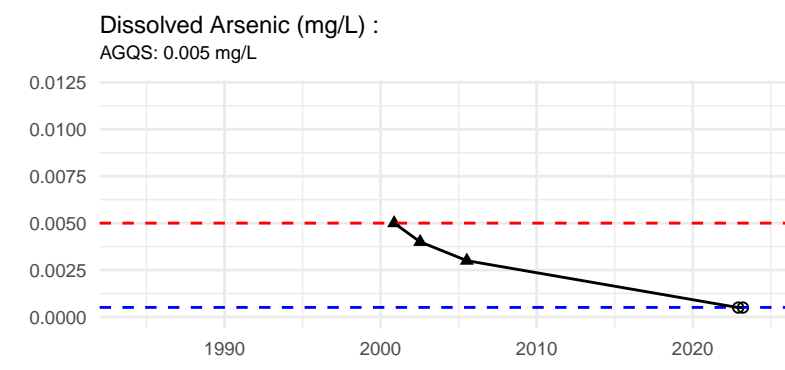
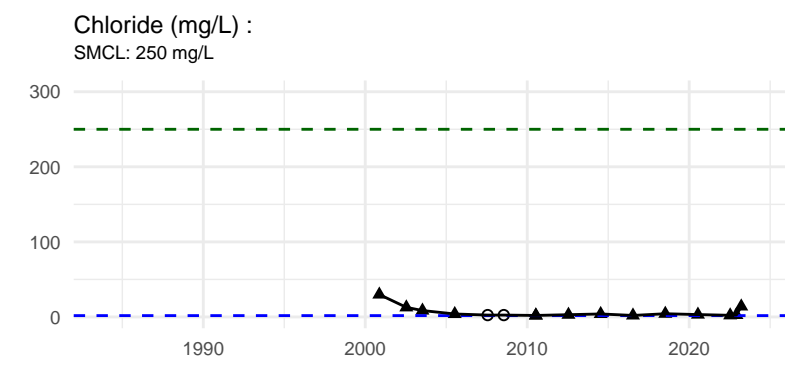
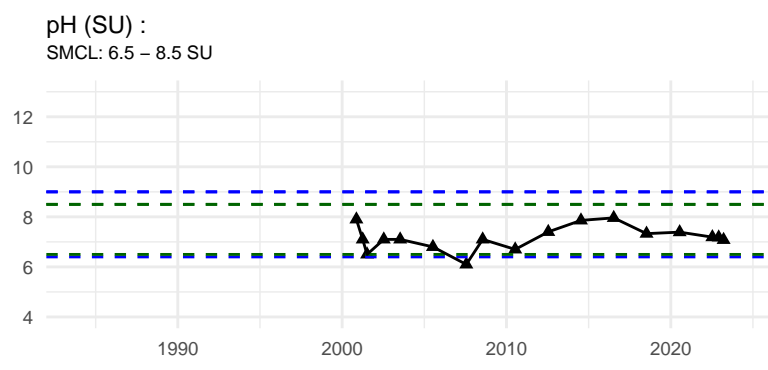
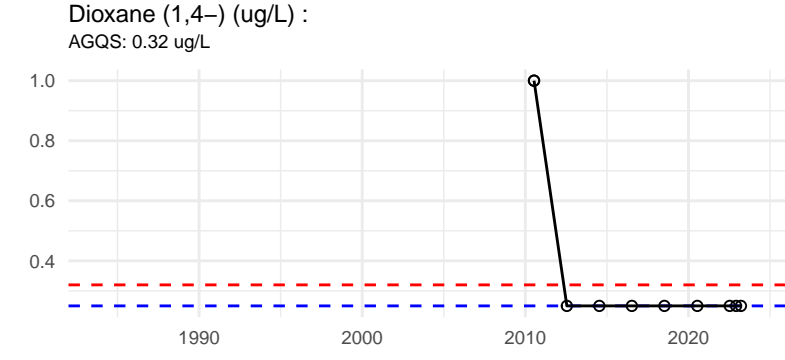
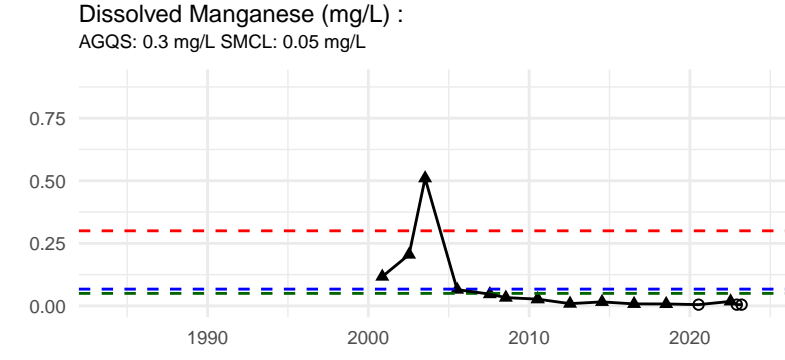
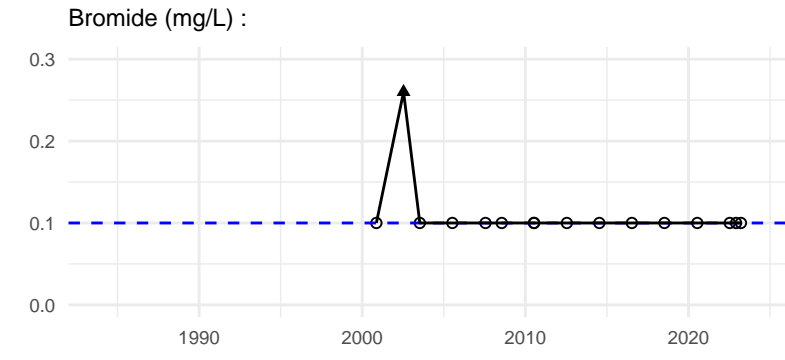
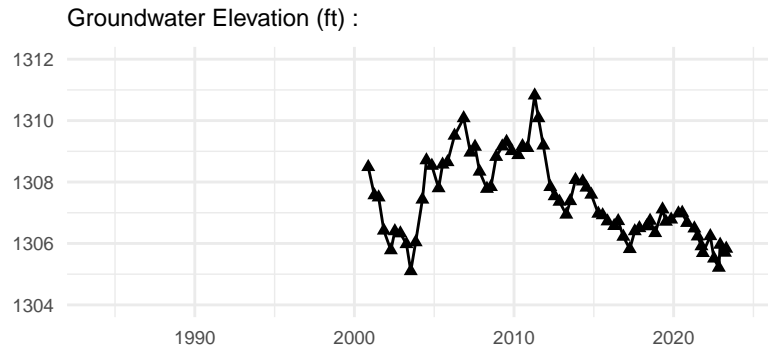
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



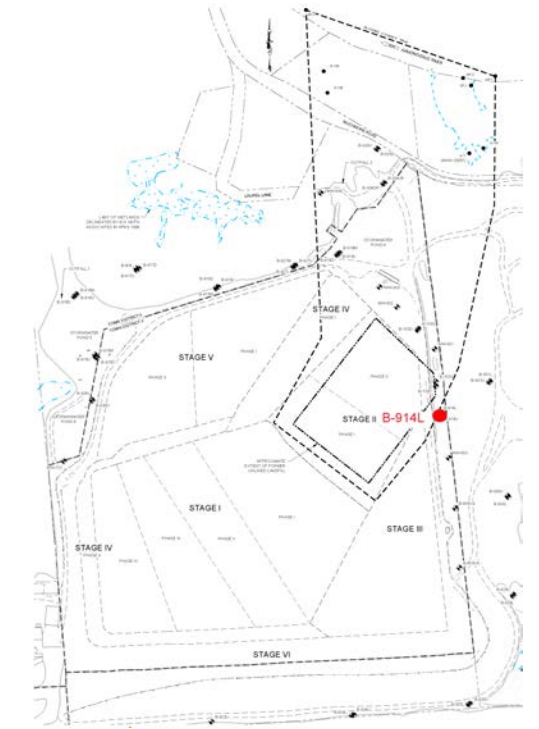
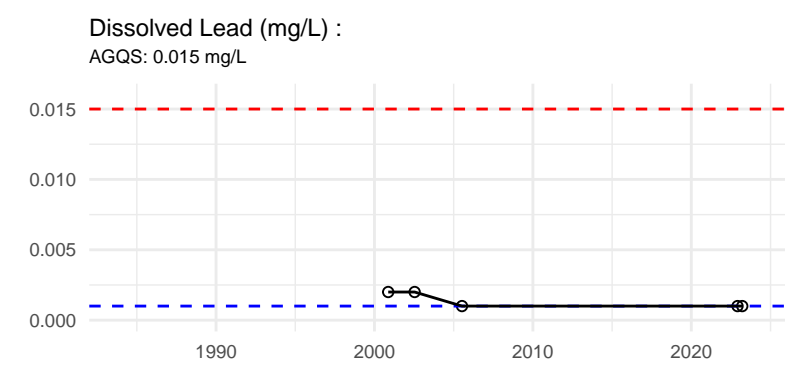
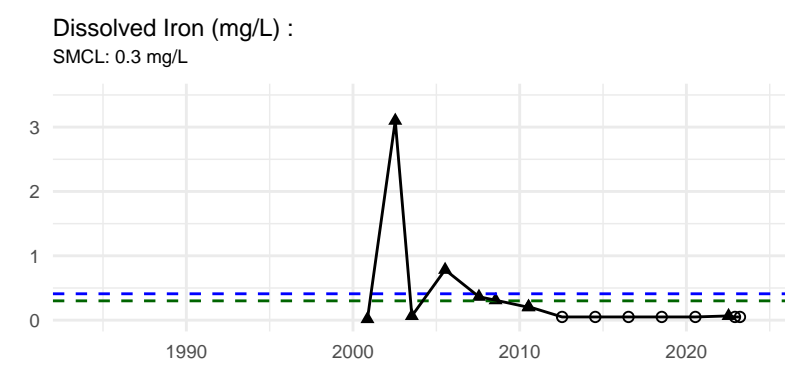
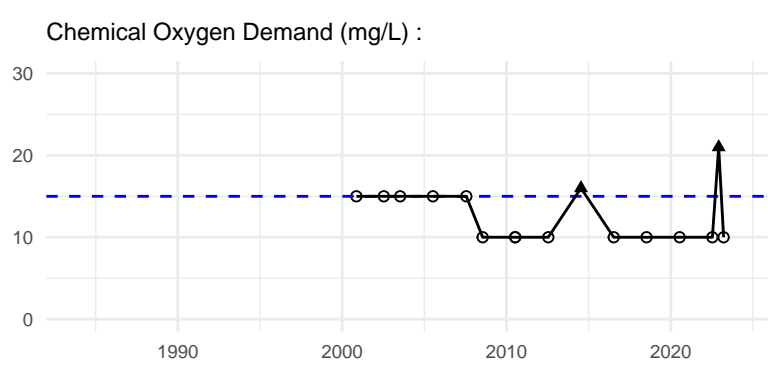
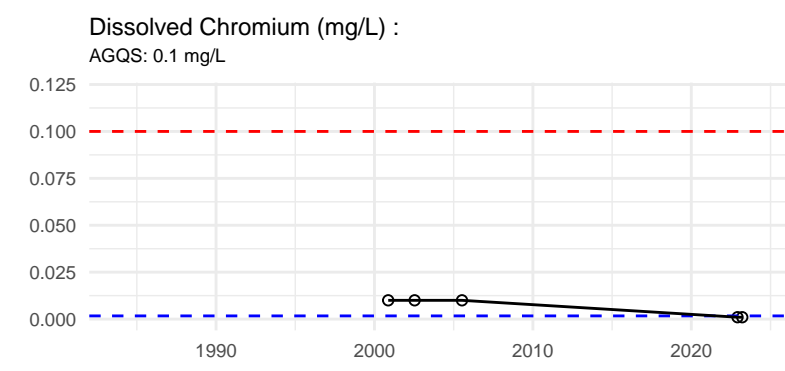
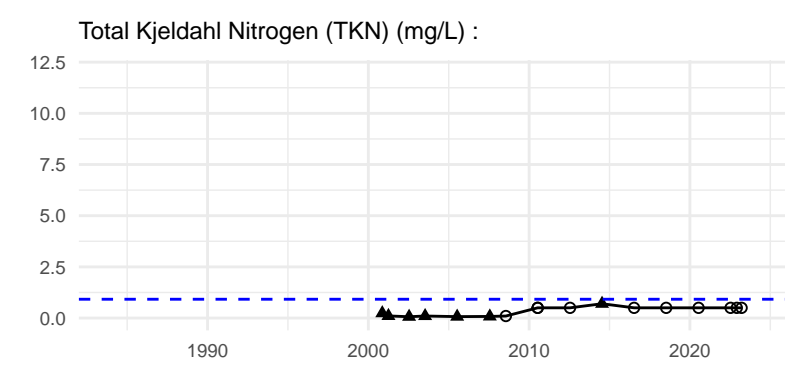
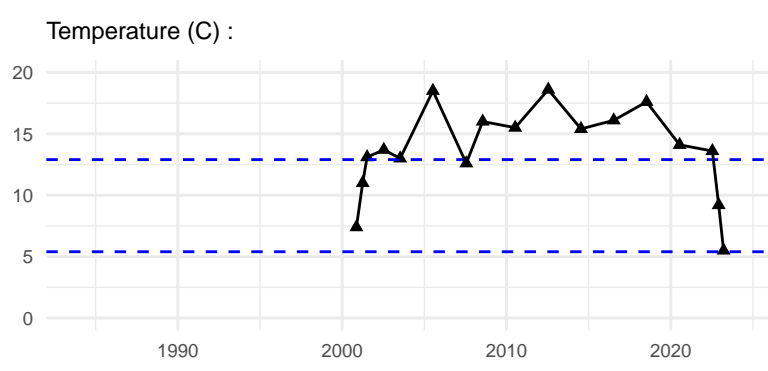


Result

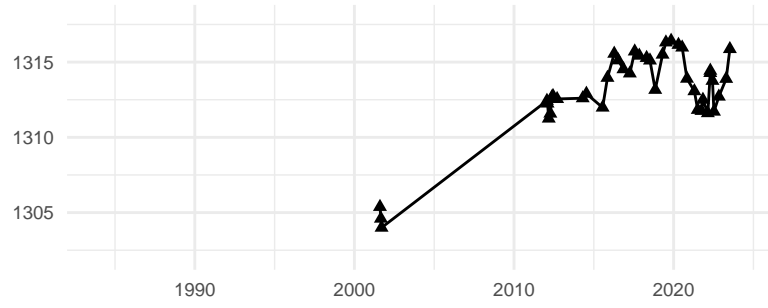
- ▲ Detect
- Non-Detect

Standard

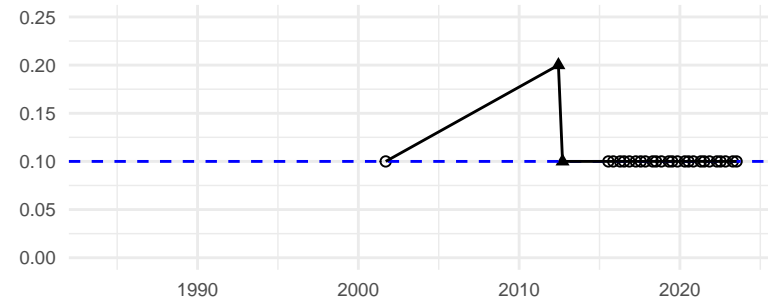
- - - AGQS
- - - SMCL
- - - Background



Groundwater Elevation (ft) :

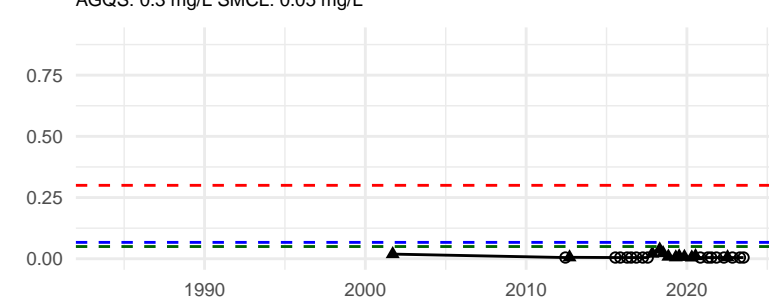


Bromide (mg/L) :



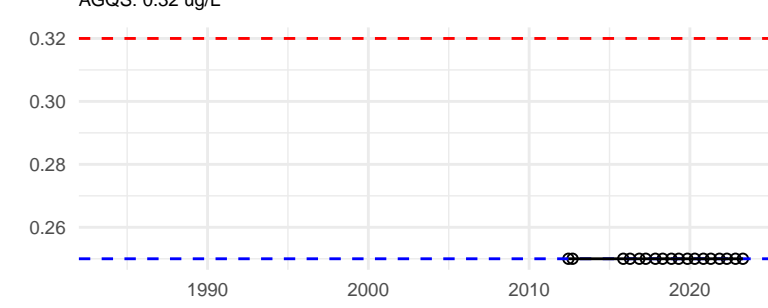
Dissolved Manganese (mg/L) :

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



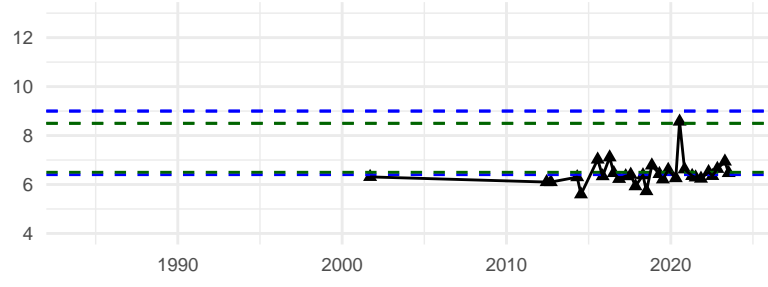
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



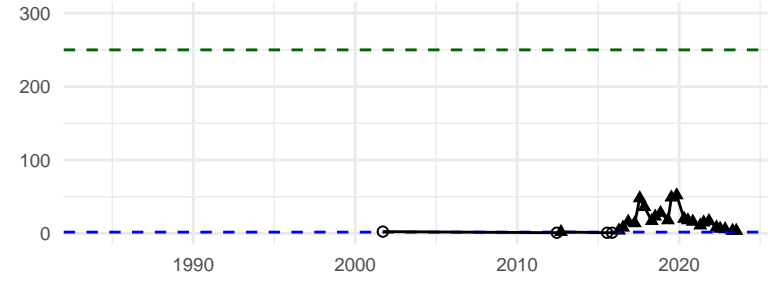
pH (SU) :

SMCL: 6.5 - 8.5 SU



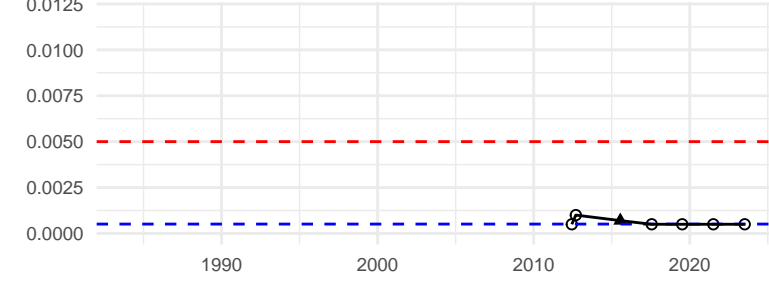
Chloride (mg/L) :

SMCL: 250 mg/L

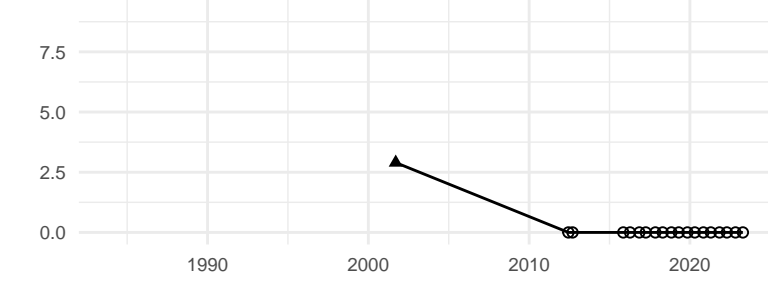


Dissolved Arsenic (mg/L) :

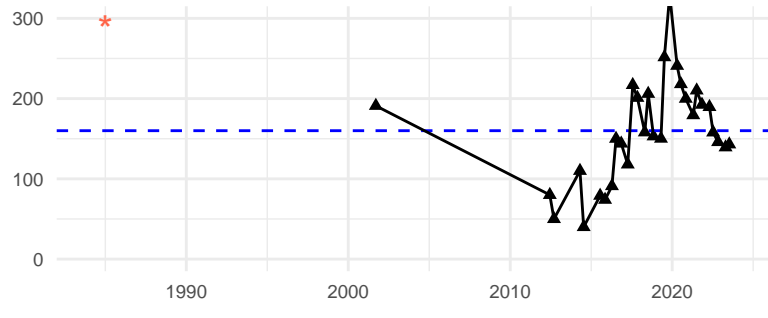
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

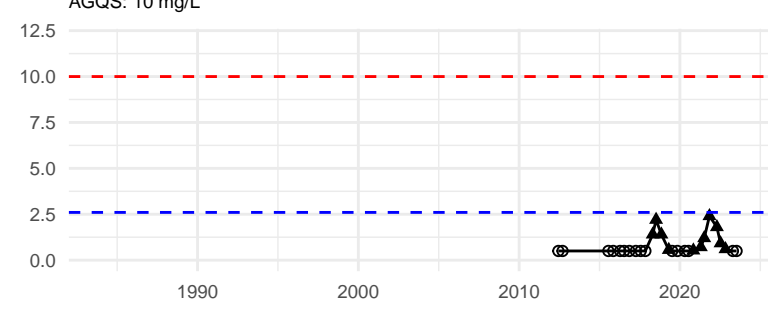


Specific Conductance (uS/cm) :



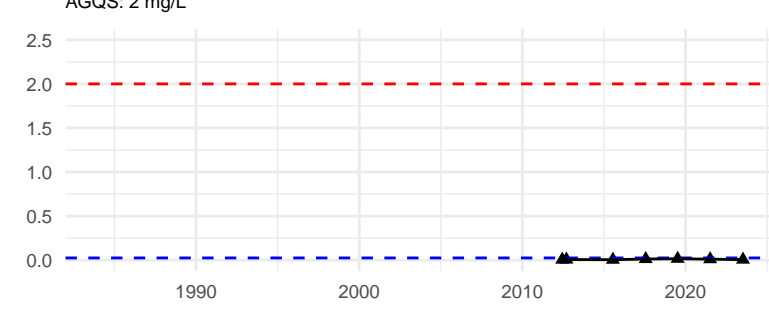
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



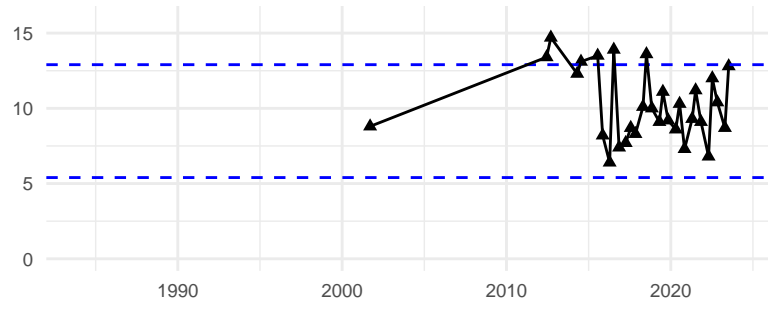
Result

- ▲ Detect
- Non-Detect

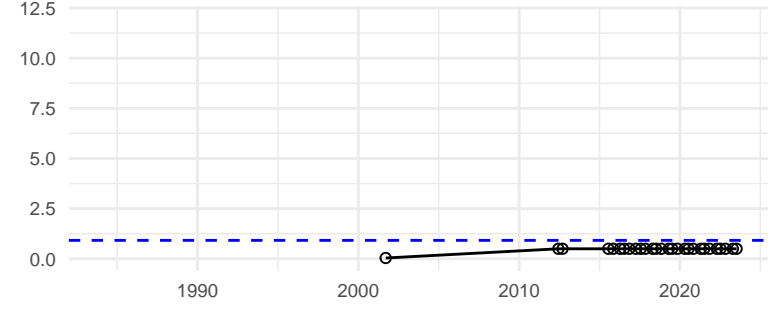
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

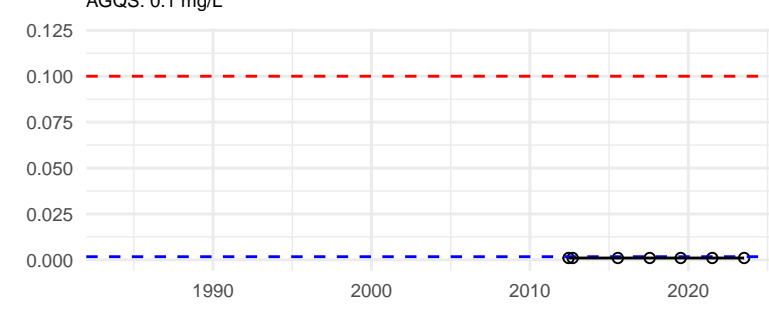


Total Kjeldahl Nitrogen (TKN) (mg/L) :

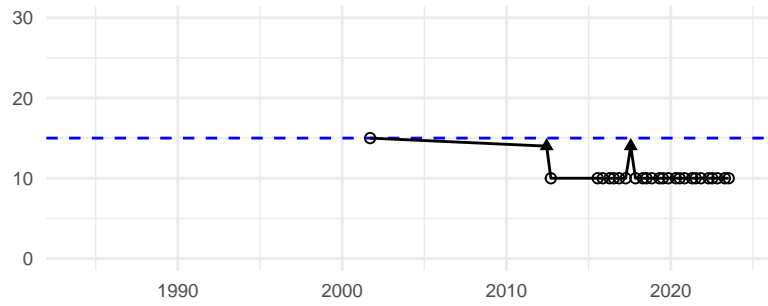


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

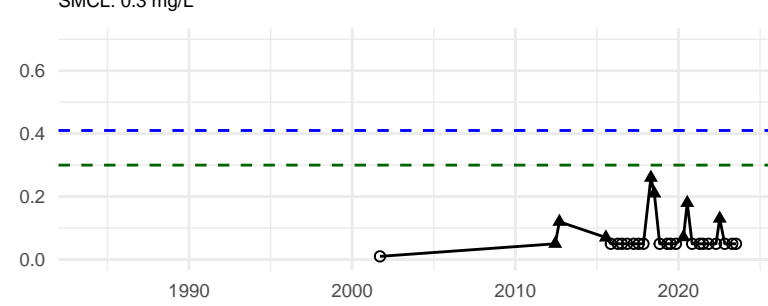


Chemical Oxygen Demand (mg/L) :



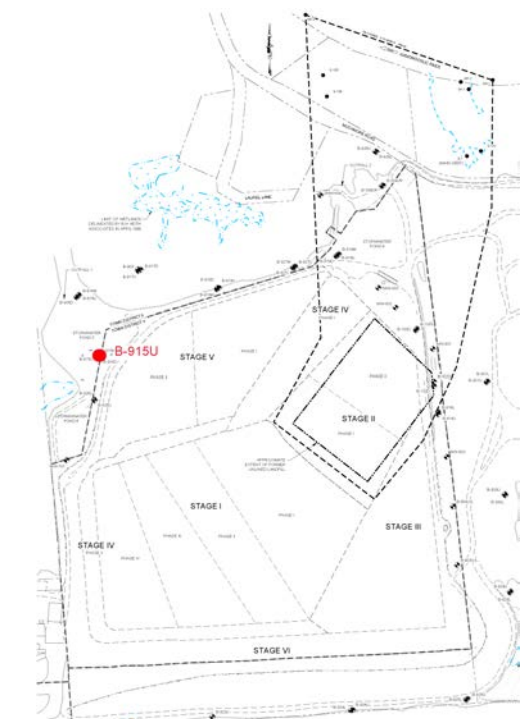
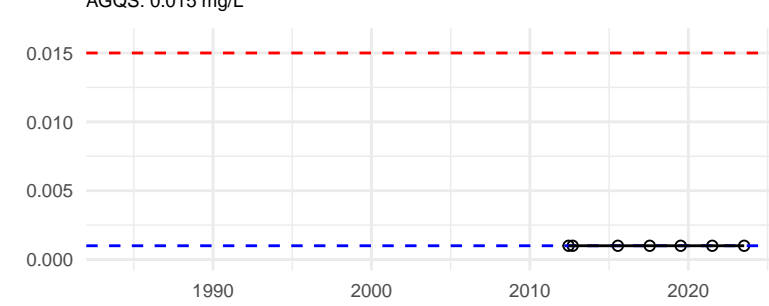
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L

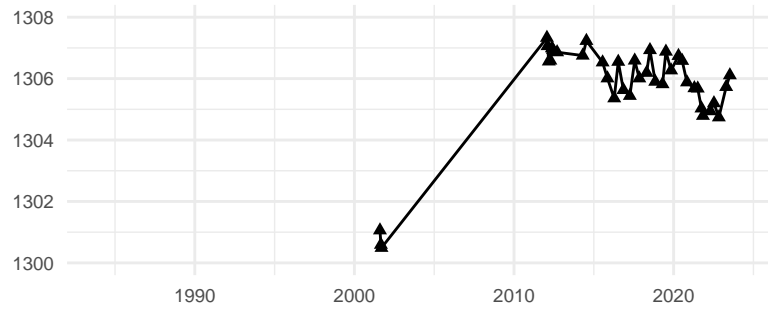


Dissolved Lead (mg/L) :

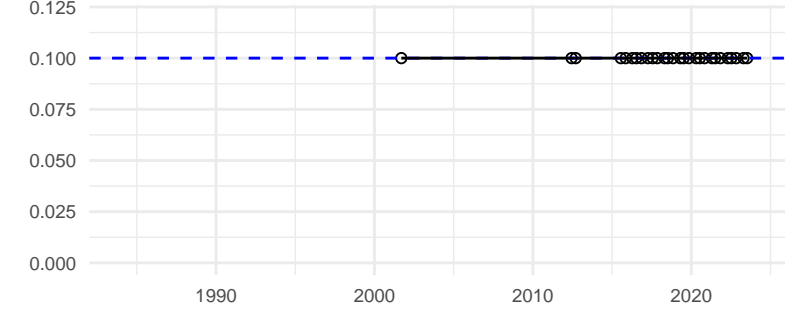
AGQS: 0.015 mg/L



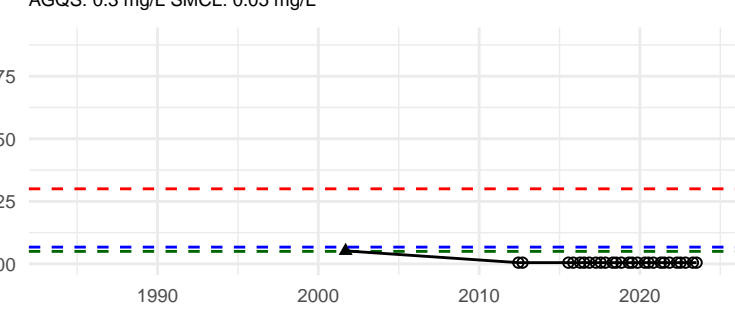
Groundwater Elevation (ft) :



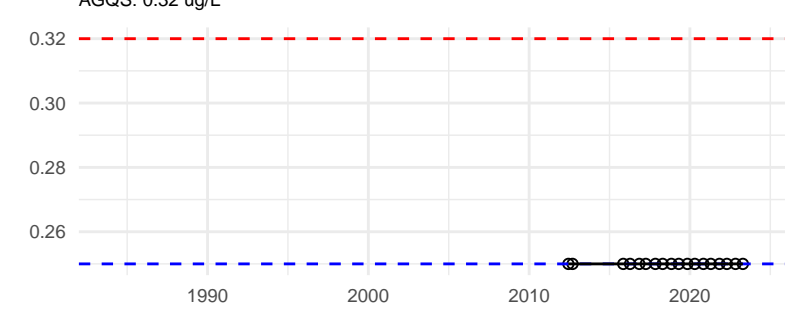
Bromide (mg/L) :



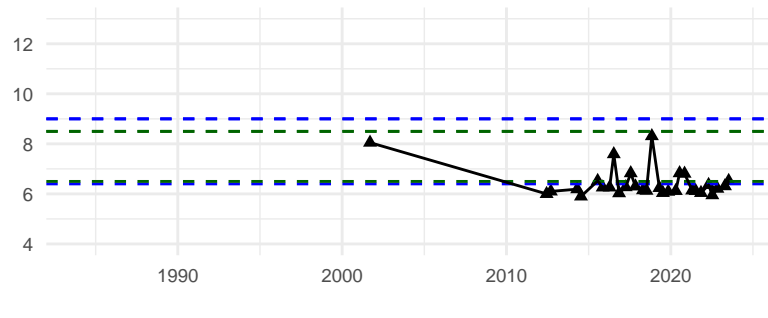
Dissolved Manganese (mg/L) :



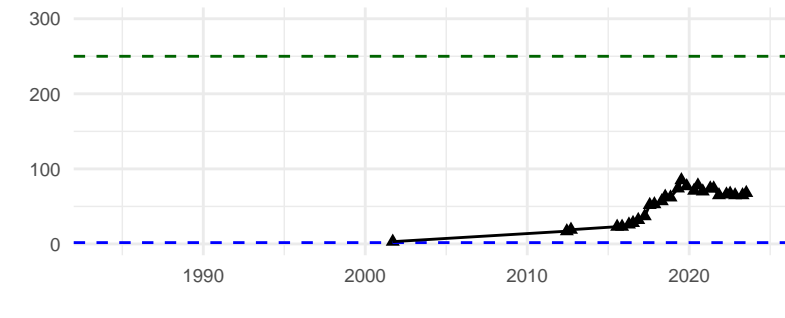
Dioxane (1,4-) (ug/L) :



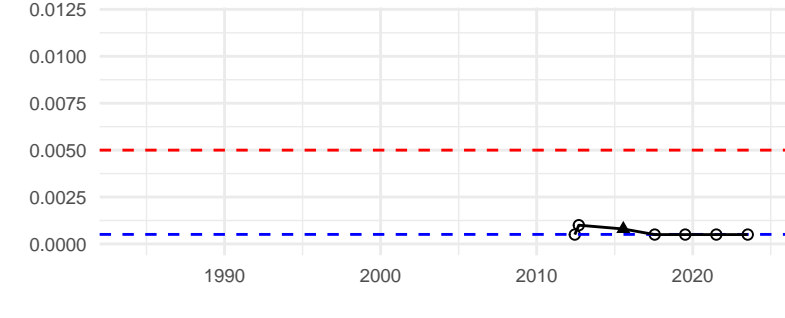
pH (SU) :



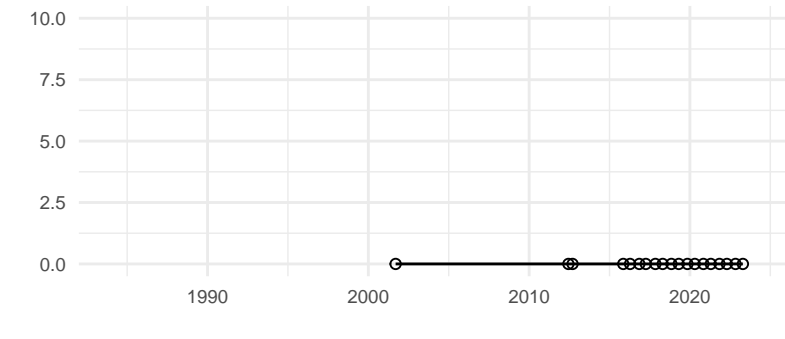
Chloride (mg/L) :



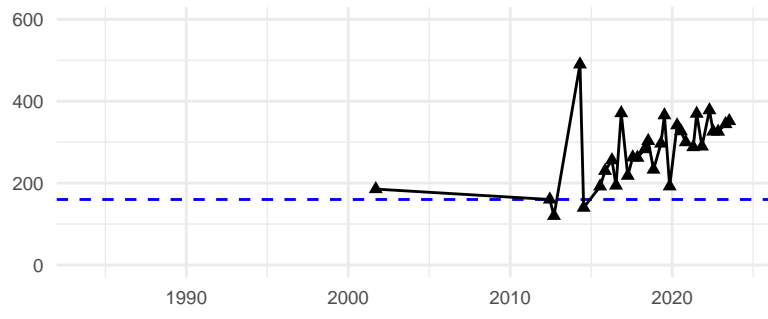
Dissolved Arsenic (mg/L) :



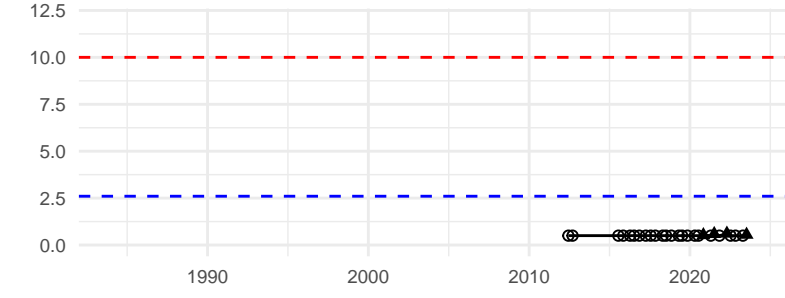
Total VOCs (ug/L) :



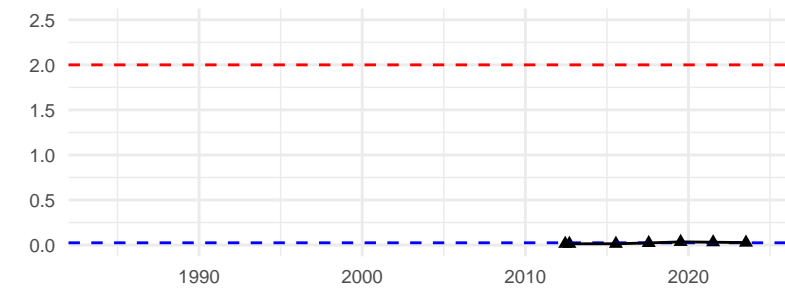
Specific Conductance (uS/cm) :



Nitrate (mg/L) :



Dissolved Barium (mg/L) :



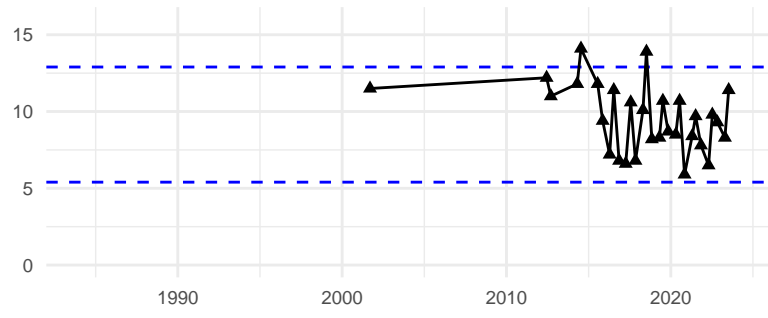
Result

- ▲ Detect
- Non-Detect

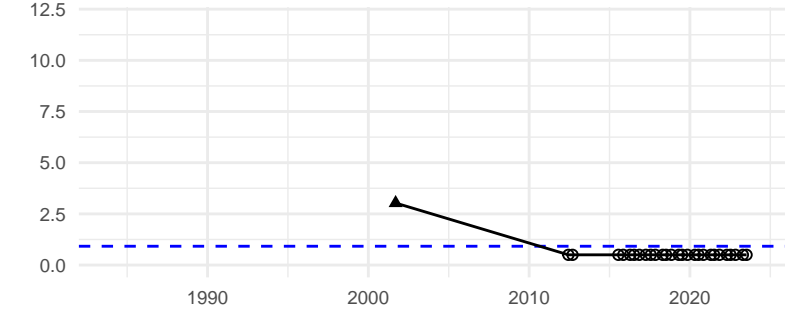
Standard

- - - AGQS
- - - SMCL
- - - Background

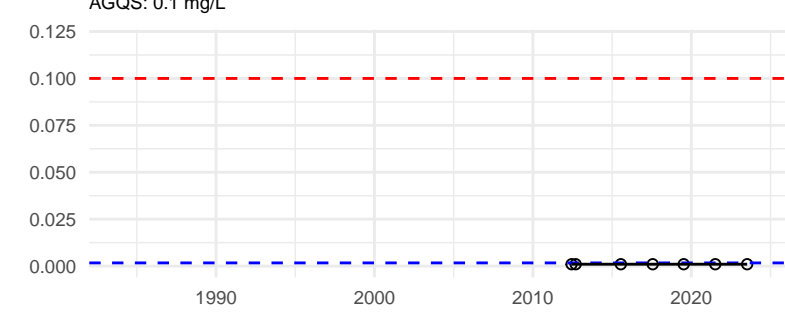
Temperature (C) :



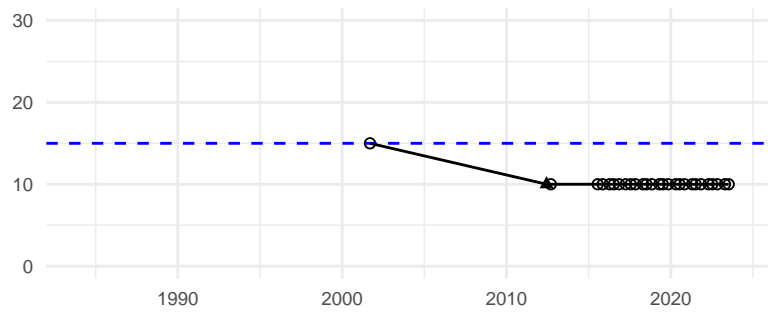
Total Kjeldahl Nitrogen (TKN) (mg/L) :



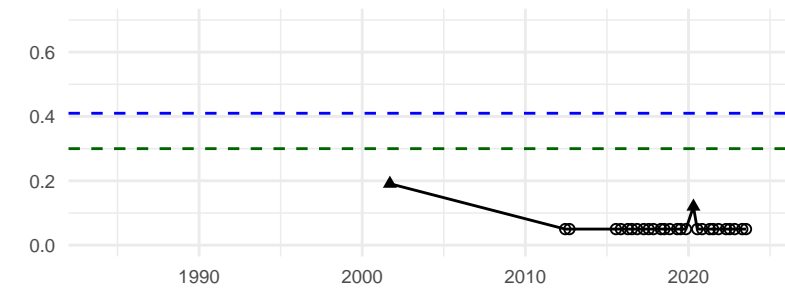
Dissolved Chromium (mg/L) :



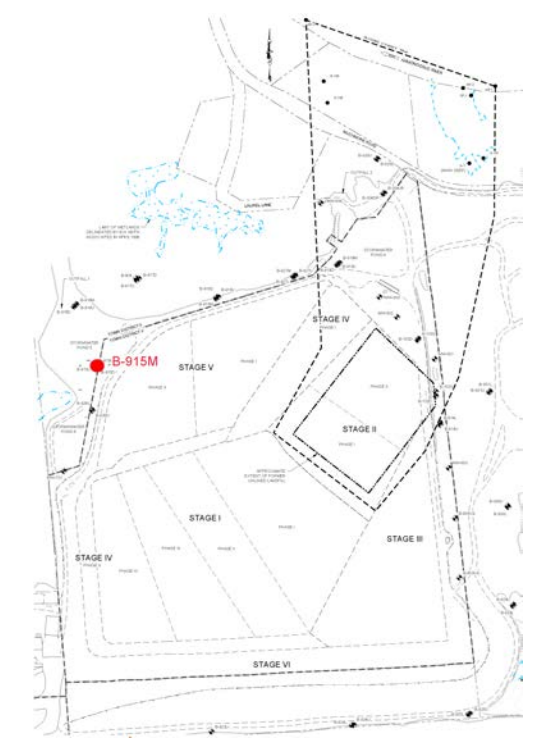
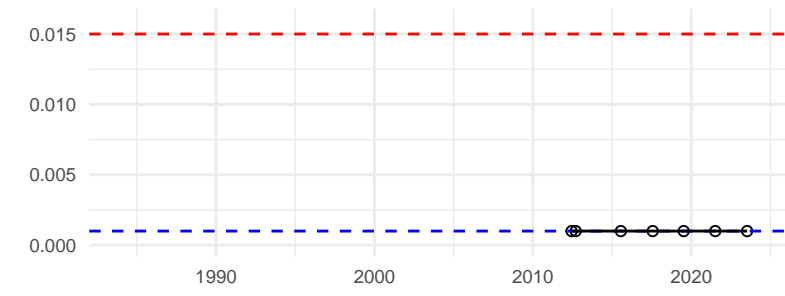
Chemical Oxygen Demand (mg/L) :

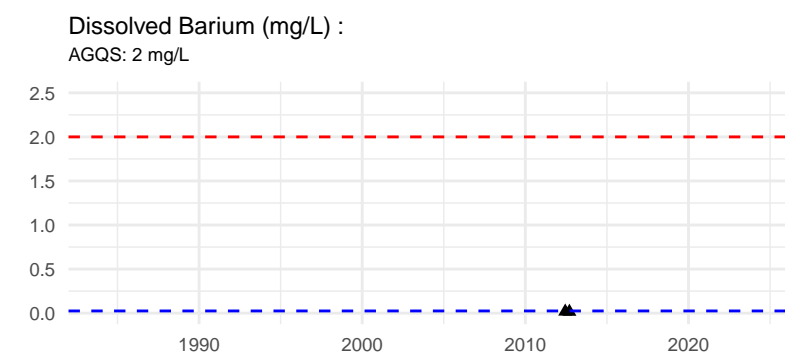
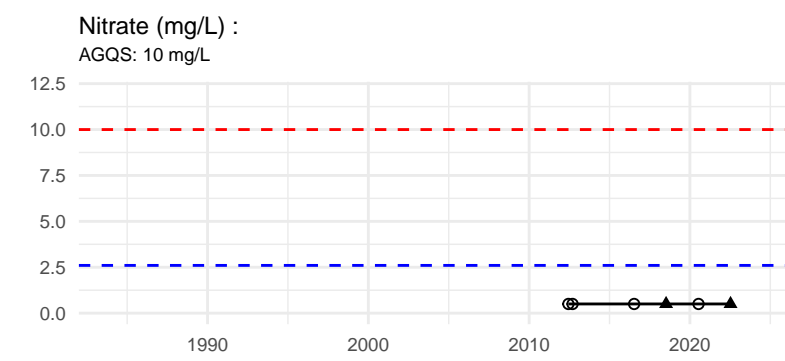
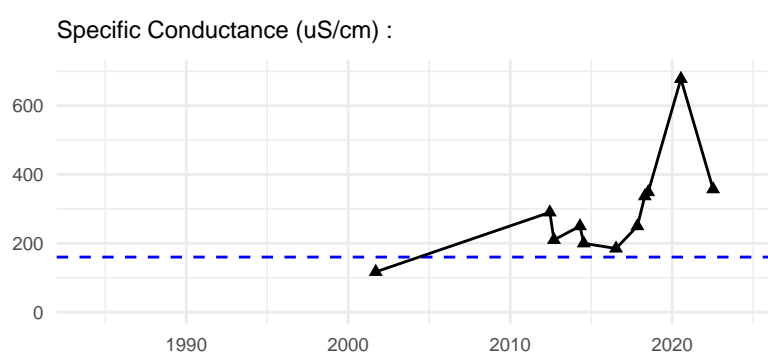
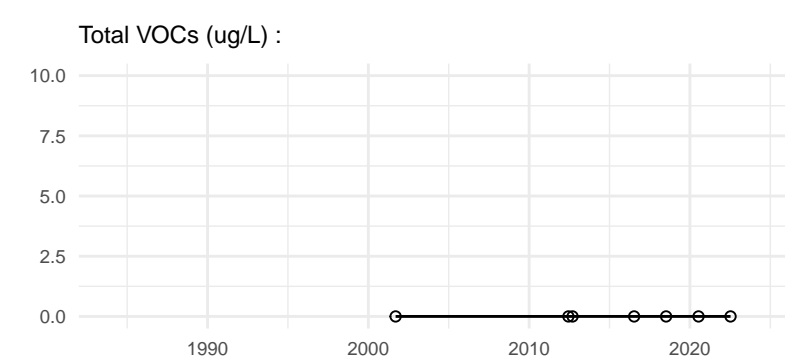
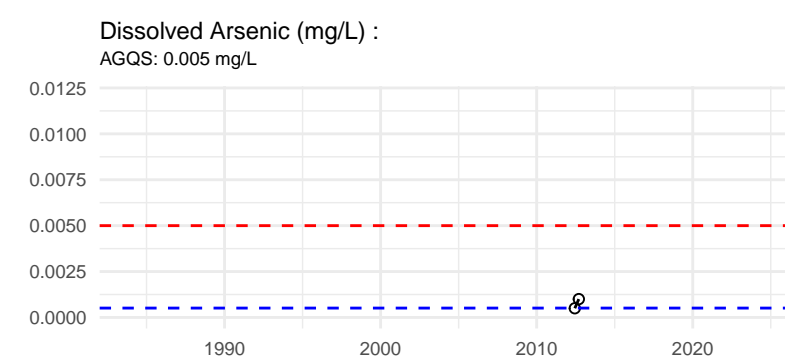
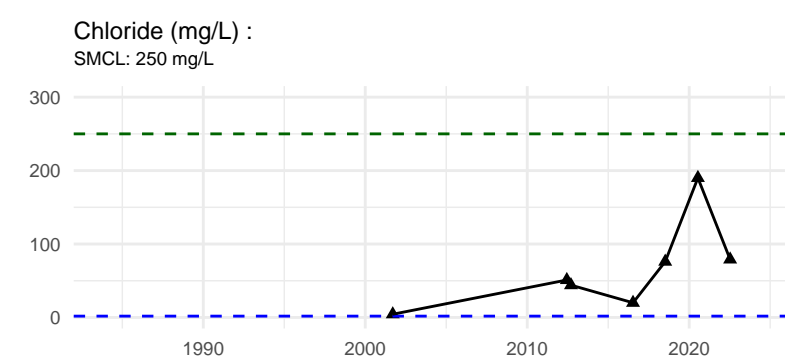
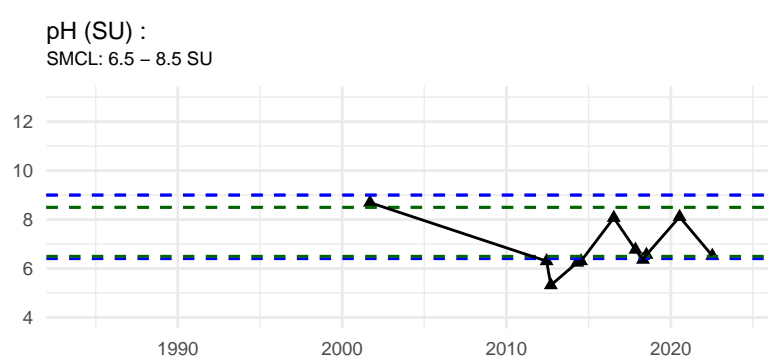
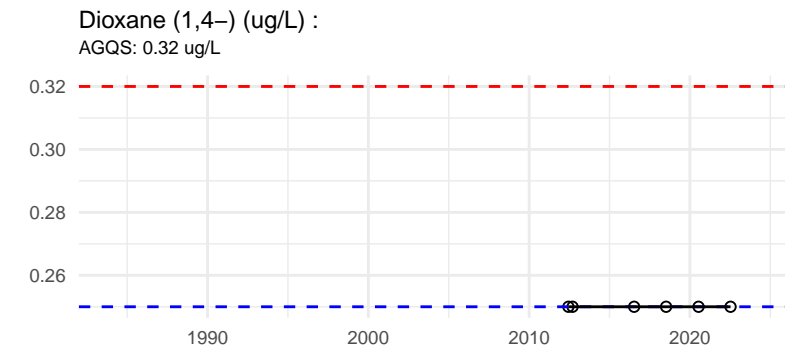
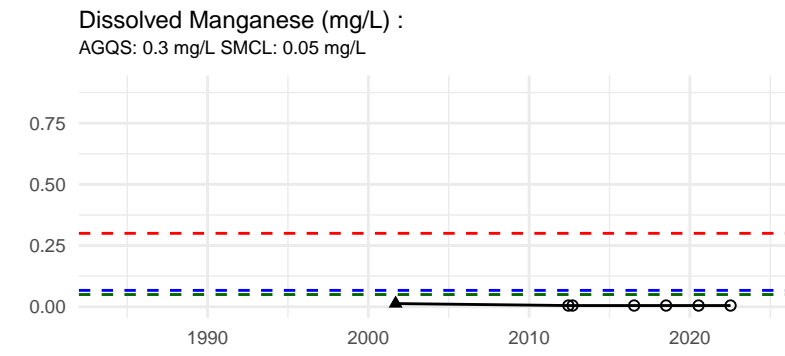
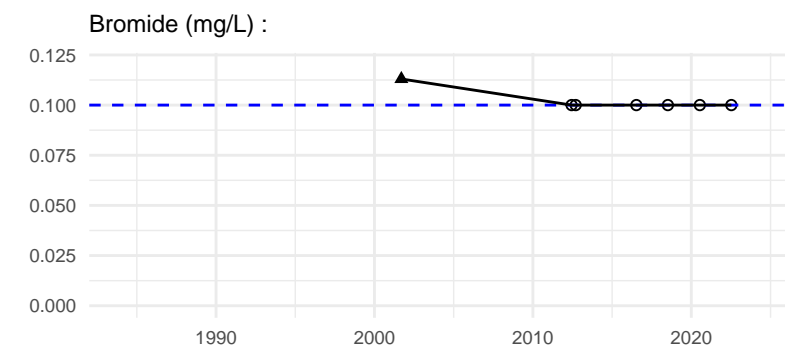
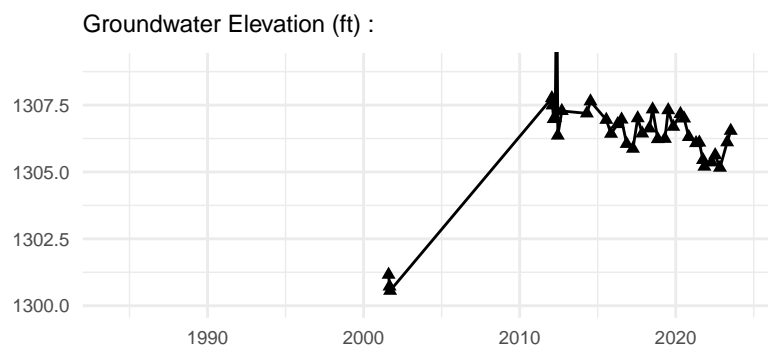


Dissolved Iron (mg/L) :



Dissolved Lead (mg/L) :



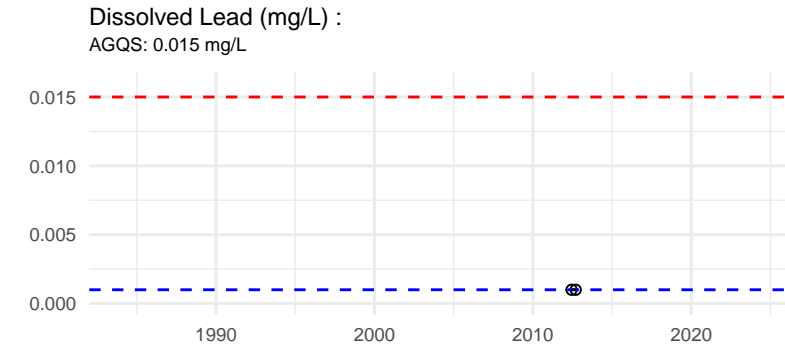
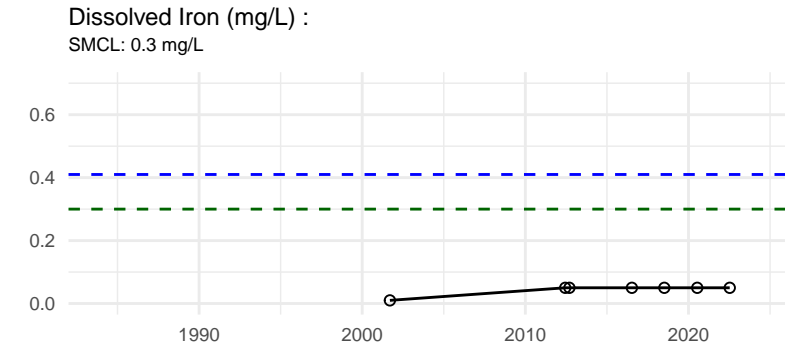
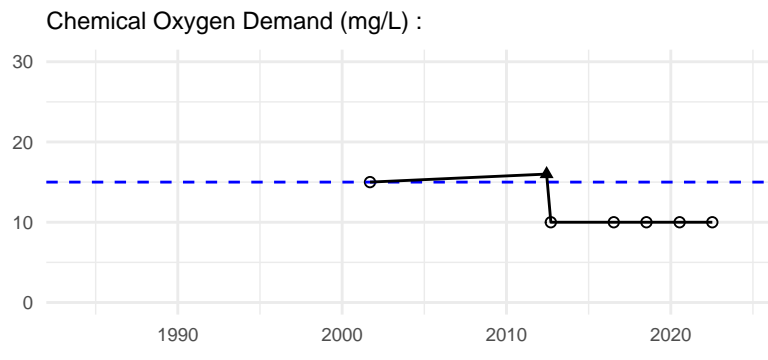
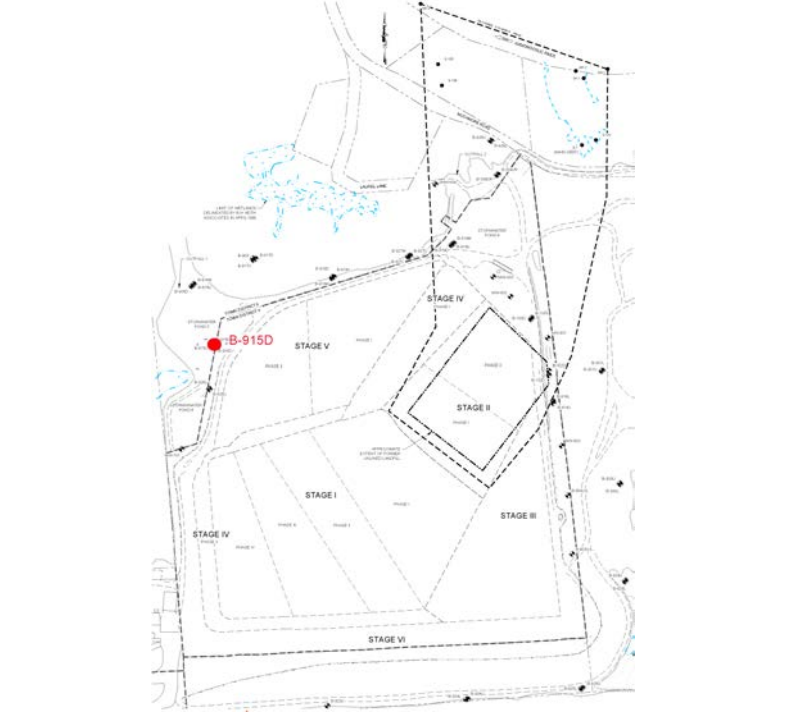
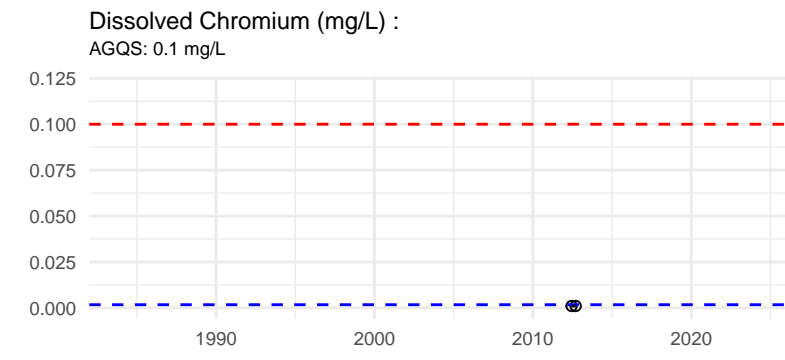
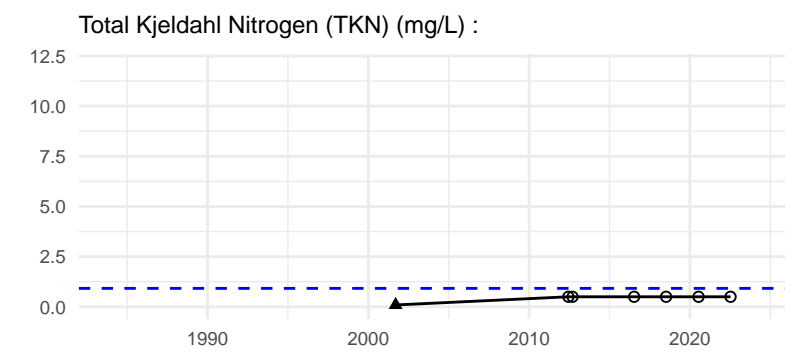
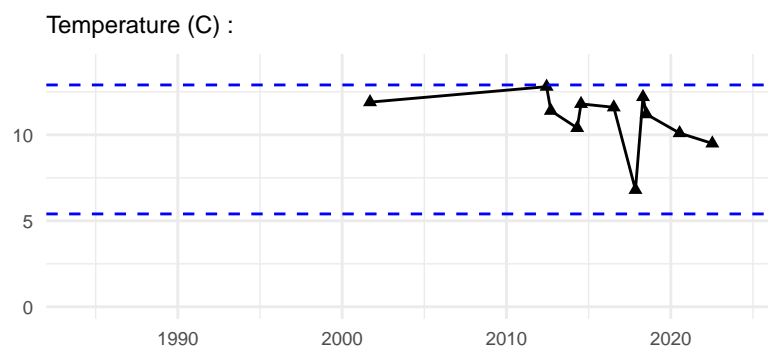


Result

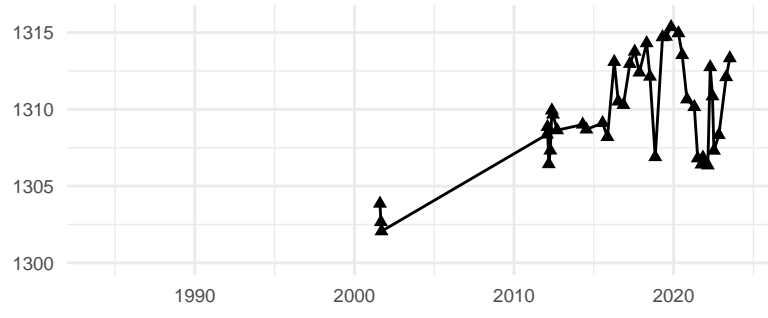
- ▲ Detect
- Non-Detect

Standard

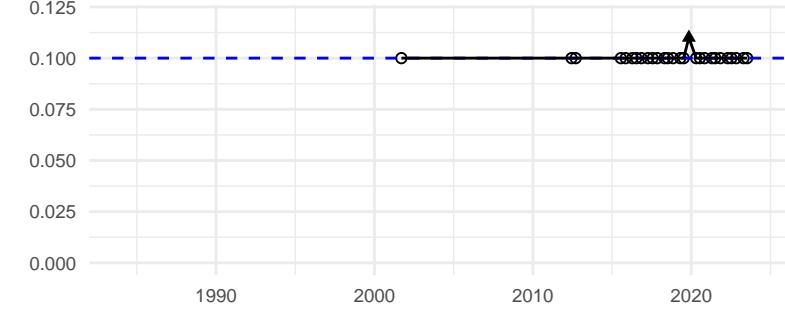
- - - AGQS
- - - SMCL
- - - Background



Groundwater Elevation (ft) :

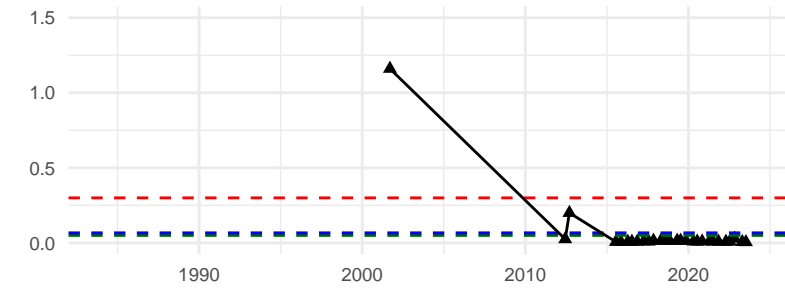


Bromide (mg/L) :



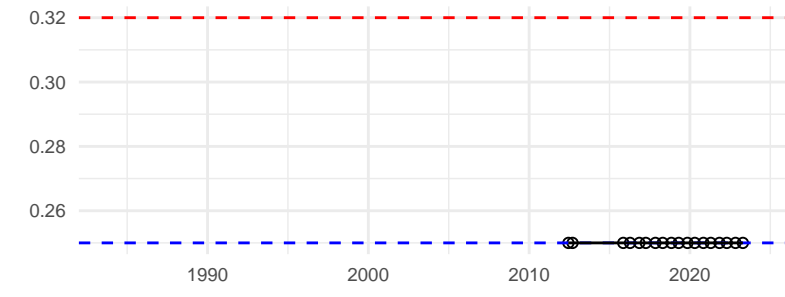
Dissolved Manganese (mg/L) :

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



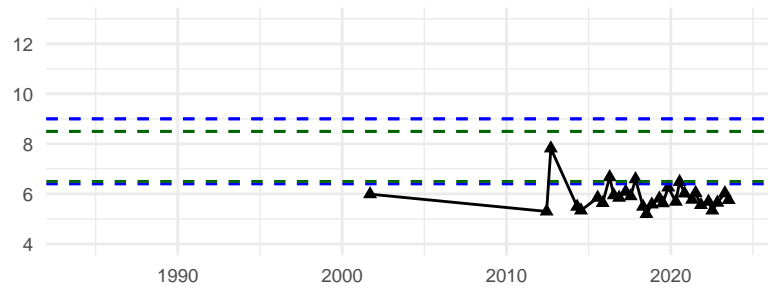
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



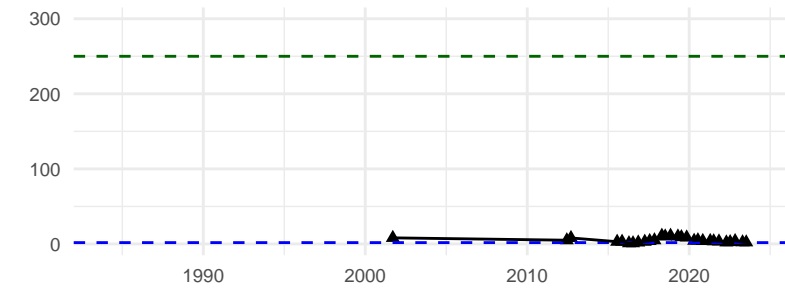
pH (SU) :

SMCL: 6.5 - 8.5 SU



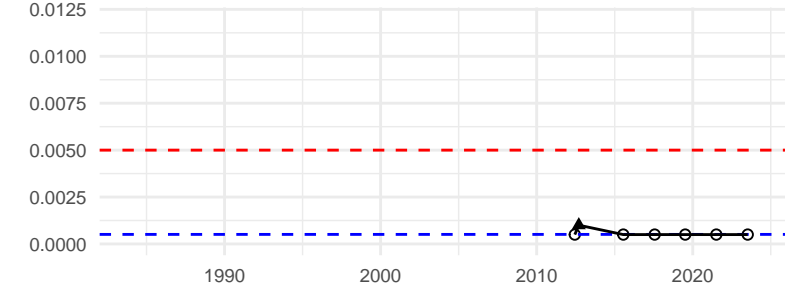
Chloride (mg/L) :

SMCL: 250 mg/L

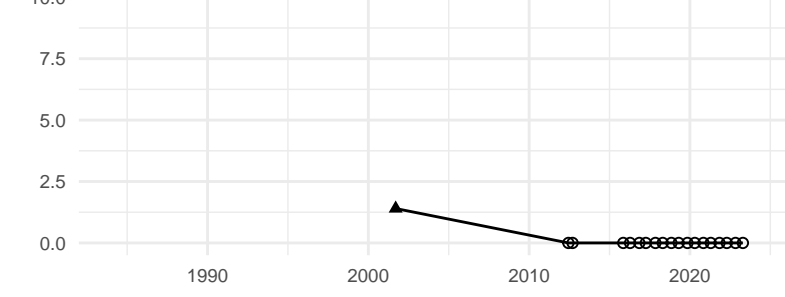


Dissolved Arsenic (mg/L) :

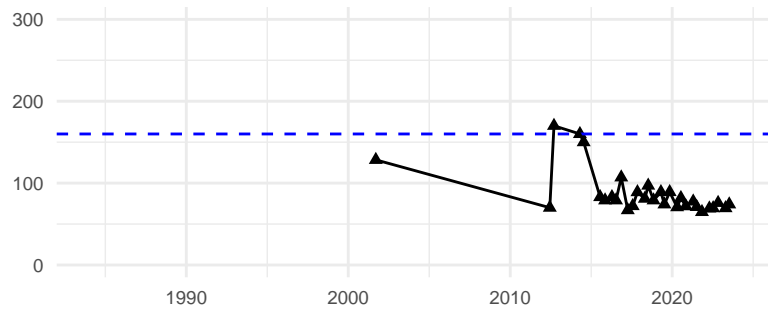
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

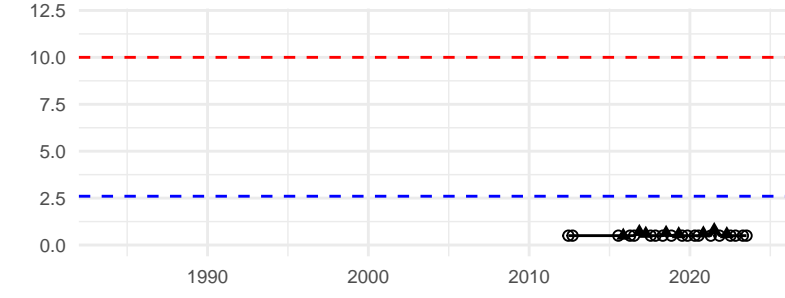


Specific Conductance (uS/cm) :



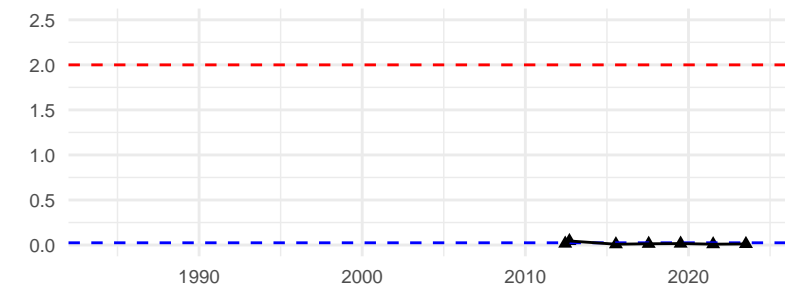
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



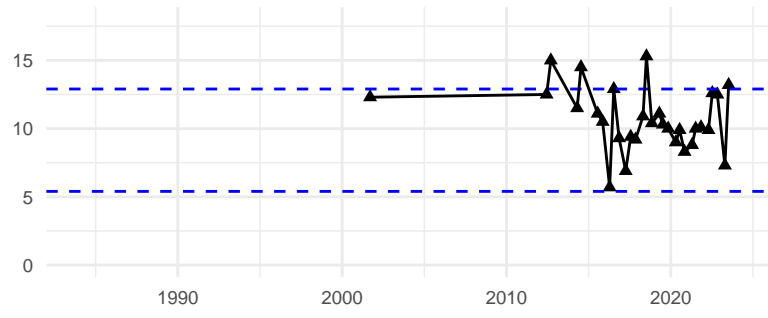
Result

- ▲ Detect
- Non-Detect

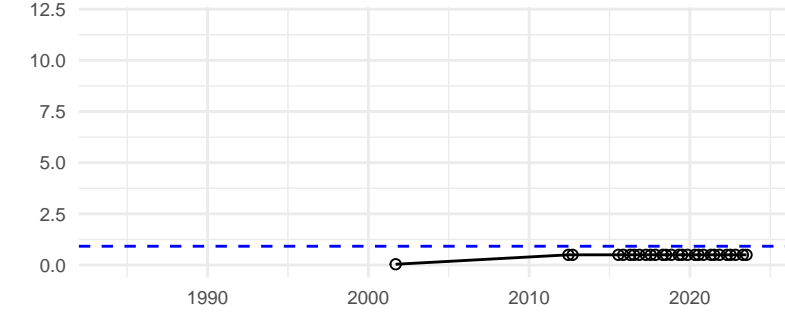
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

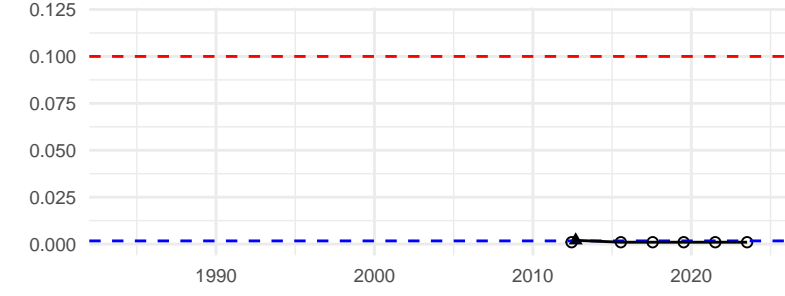


Total Kjeldahl Nitrogen (TKN) (mg/L) :

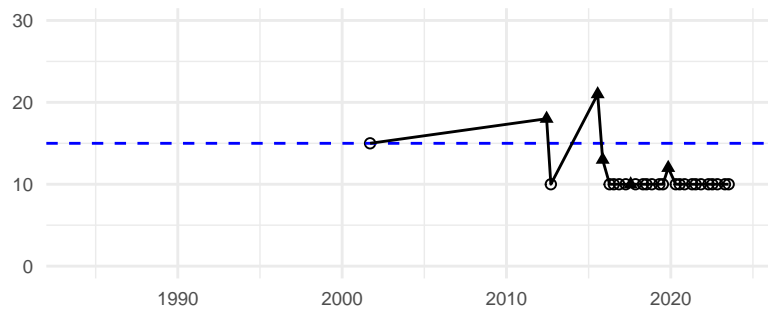


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

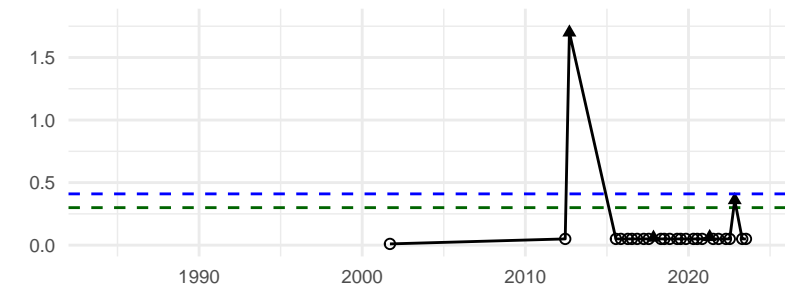


Chemical Oxygen Demand (mg/L) :



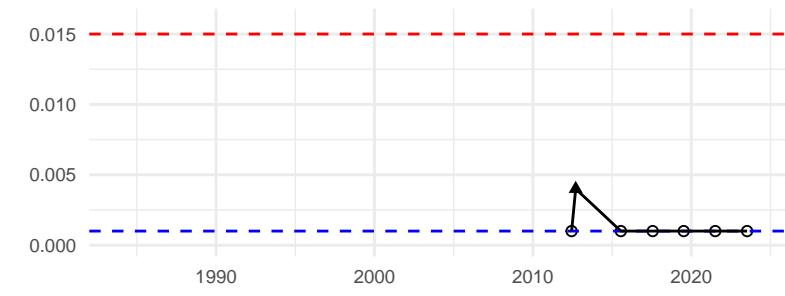
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L

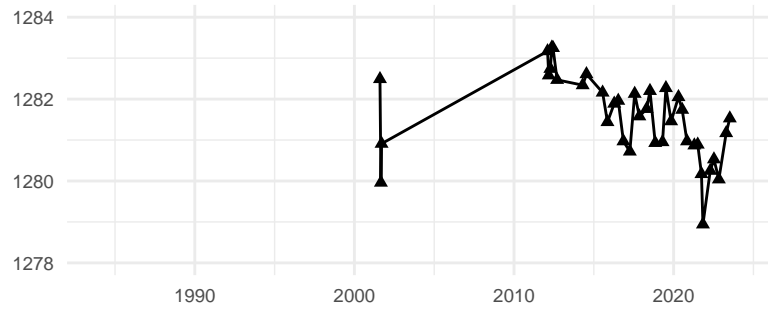


Dissolved Lead (mg/L) :

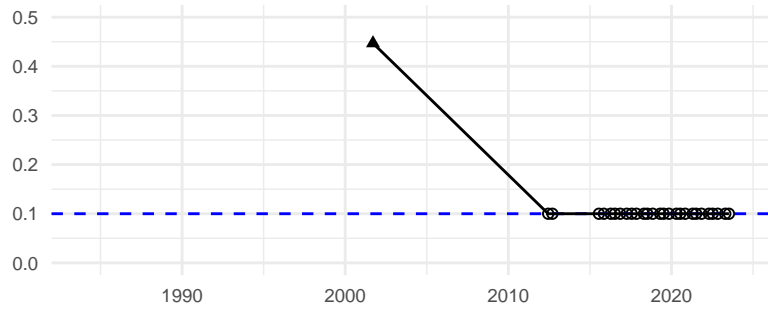
AGQS: 0.015 mg/L



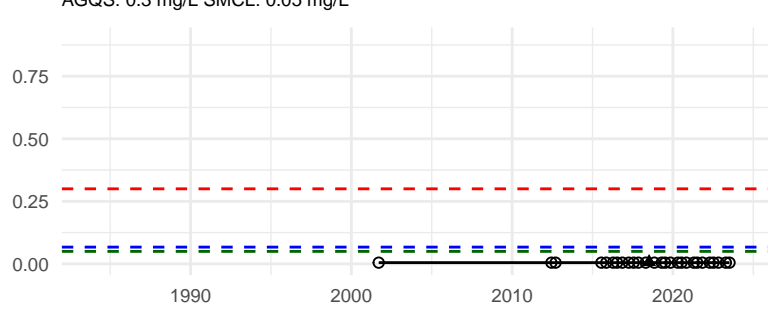
Groundwater Elevation (ft) :



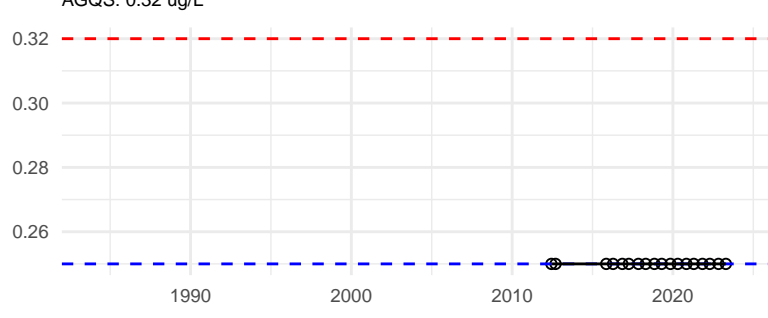
Bromide (mg/L) :



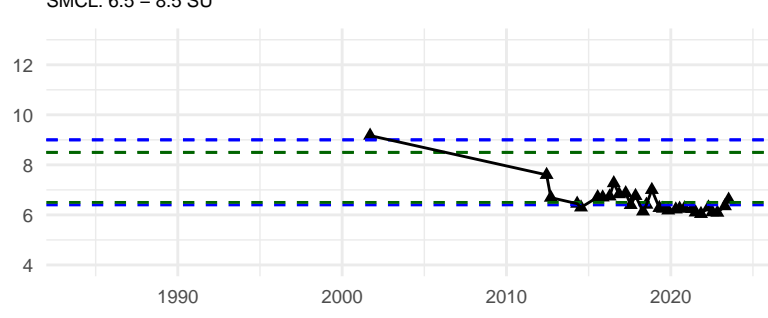
Dissolved Manganese (mg/L) :



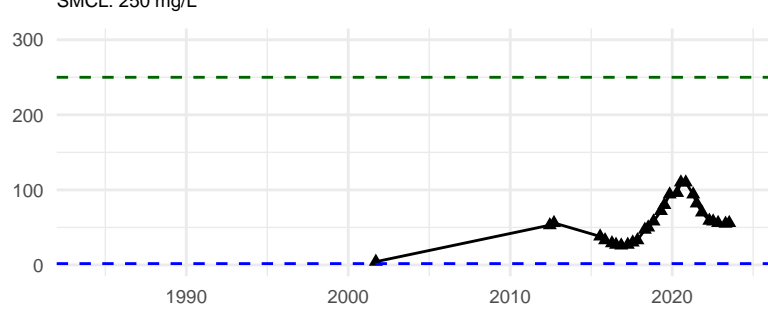
Dioxane (1,4-) (ug/L) :



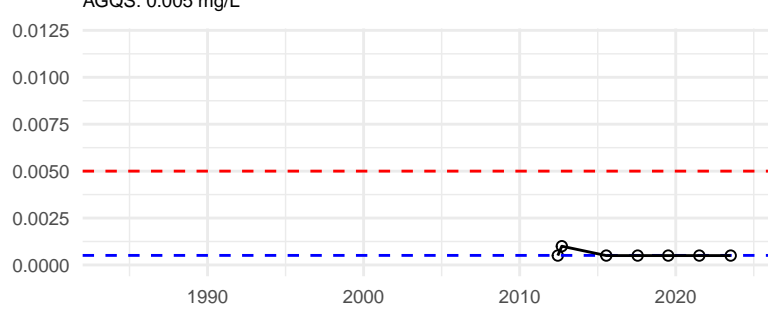
pH (SU) :



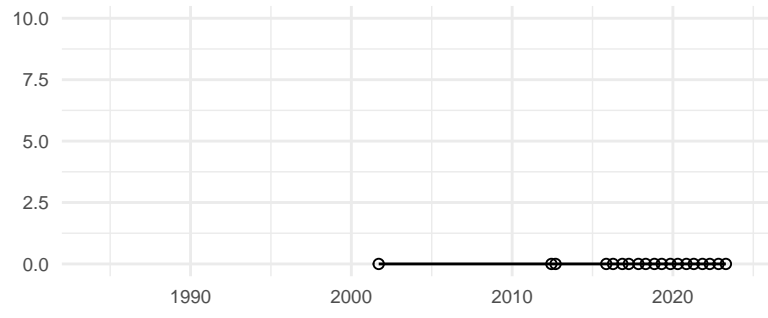
Chloride (mg/L) :



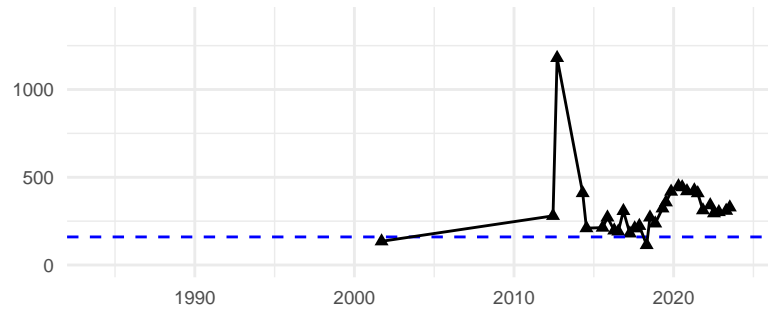
Dissolved Arsenic (mg/L) :



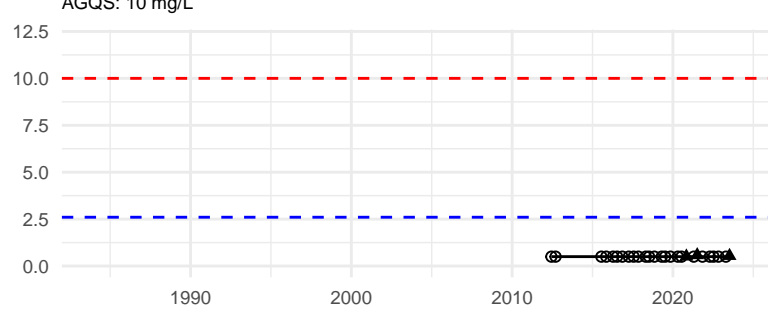
Total VOCs (ug/L) :



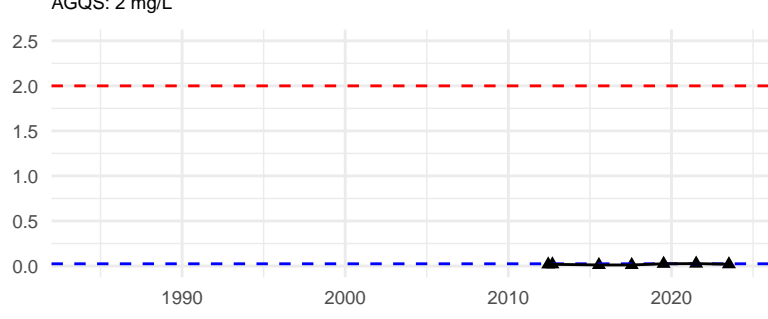
Specific Conductance (uS/cm) :



Nitrate (mg/L) :



Dissolved Barium (mg/L) :



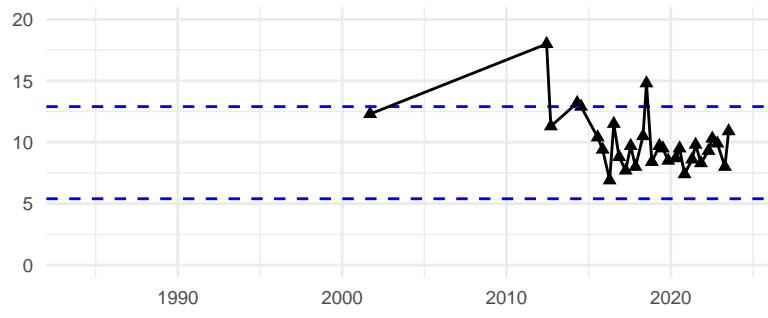
Result

- ▲ Detect
- Non-Detect

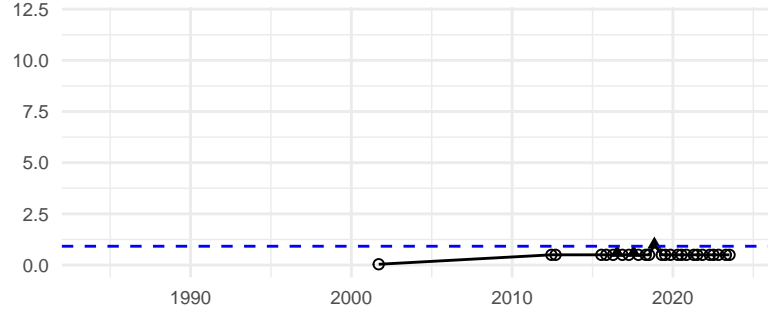
Standard

- - - AGQS
- - - SMCL
- - - Background

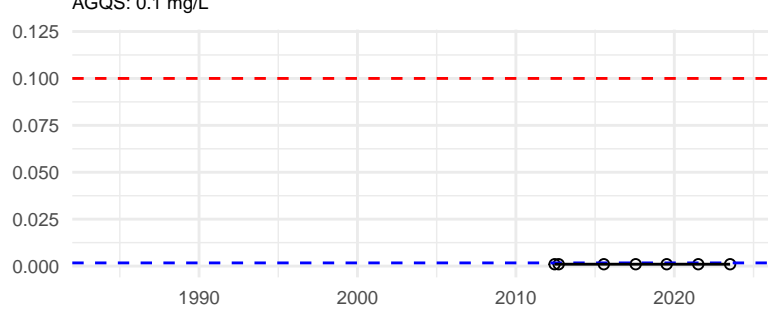
Temperature (C) :



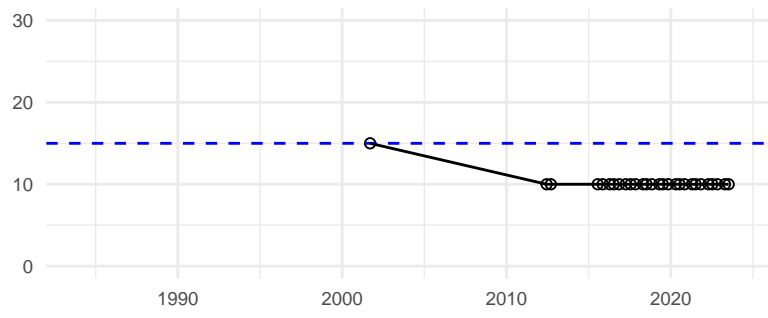
Total Kjeldahl Nitrogen (TKN) (mg/L) :



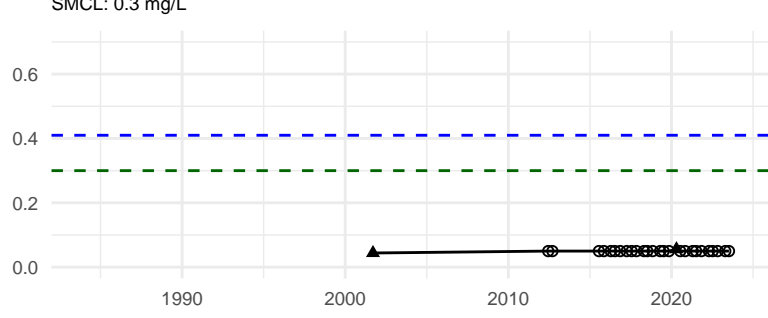
Dissolved Chromium (mg/L) :



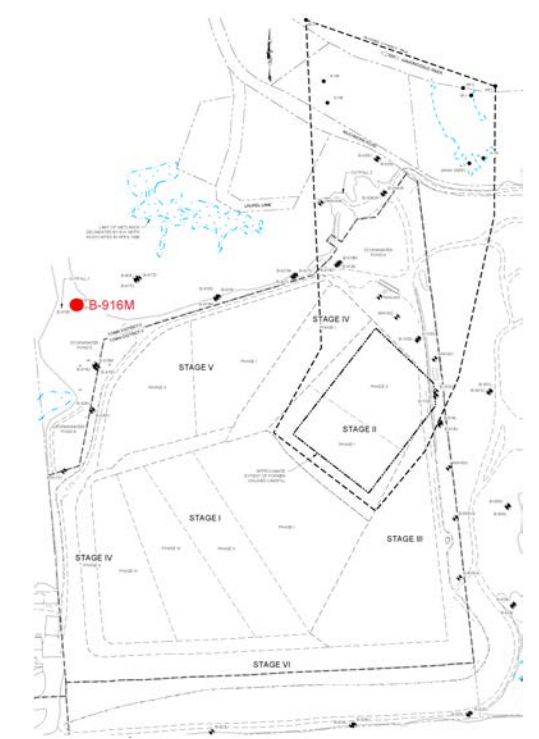
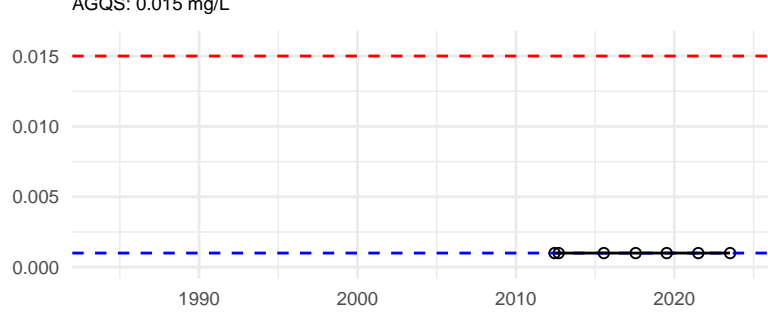
Chemical Oxygen Demand (mg/L) :



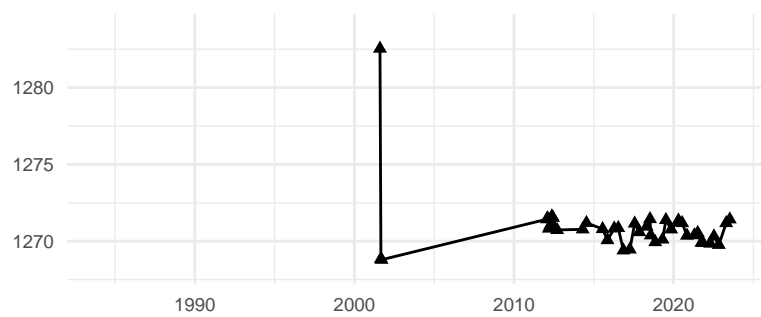
Dissolved Iron (mg/L) :



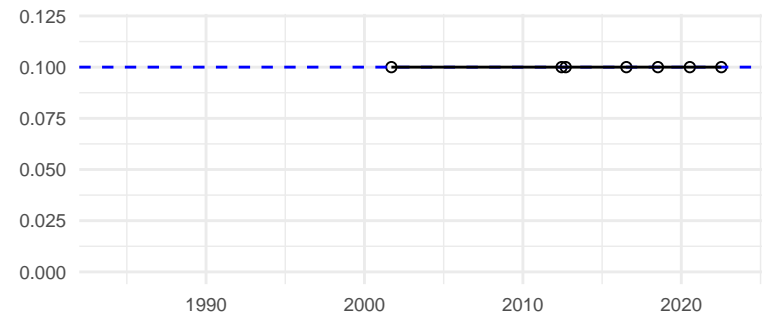
Dissolved Lead (mg/L) :



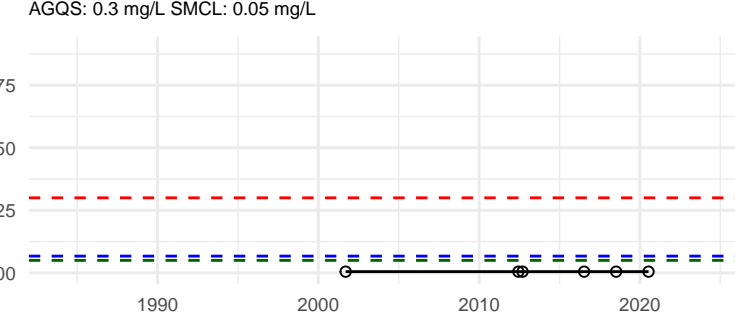
Groundwater Elevation (ft) :



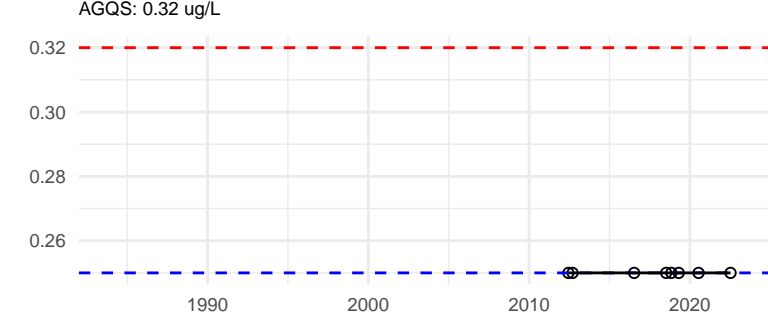
Bromide (mg/L) :



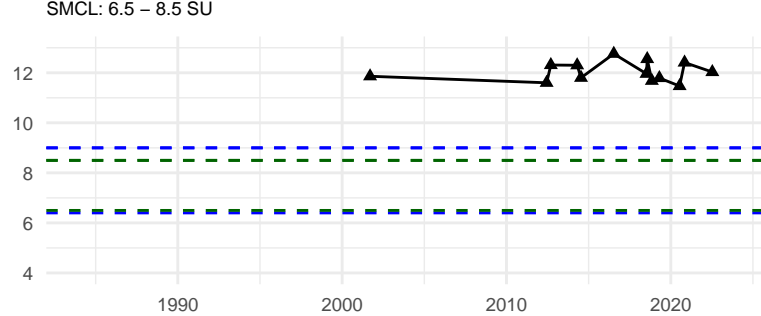
Dissolved Manganese (mg/L) :



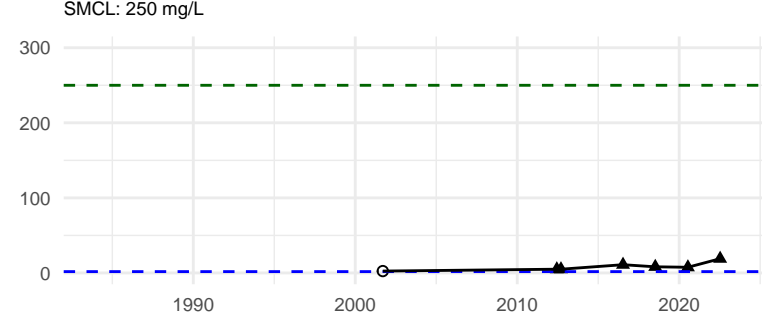
Dioxane (1,4-) (ug/L) :



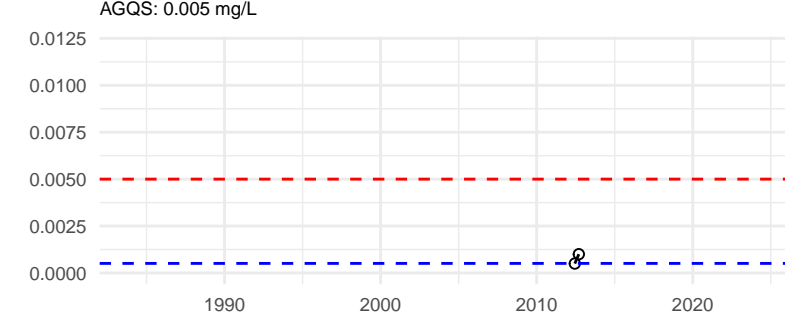
pH (SU) :



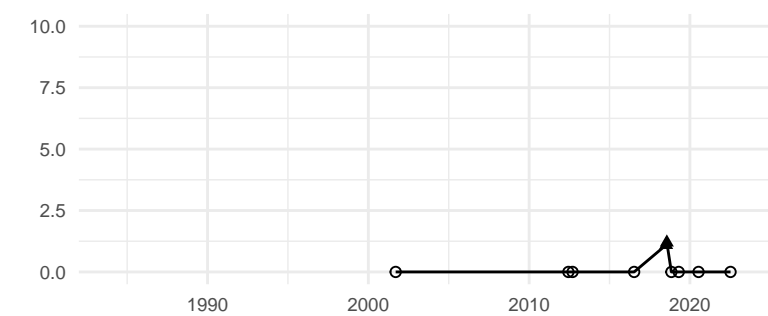
Chloride (mg/L) :



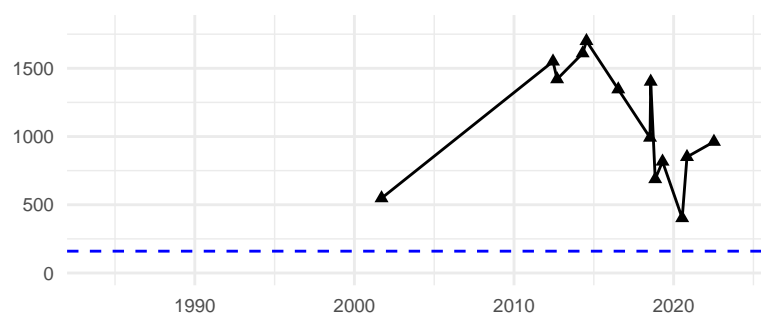
Dissolved Arsenic (mg/L) :



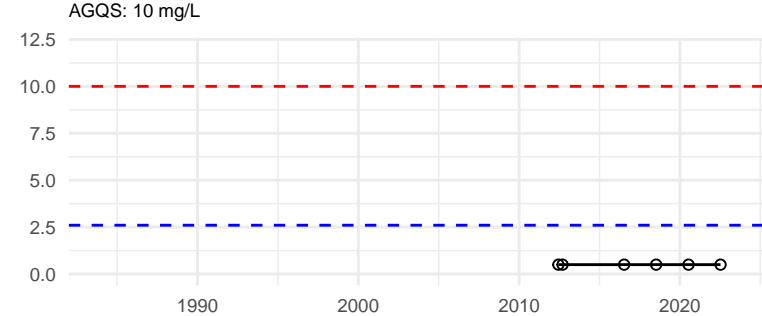
Total VOCs (ug/L) :



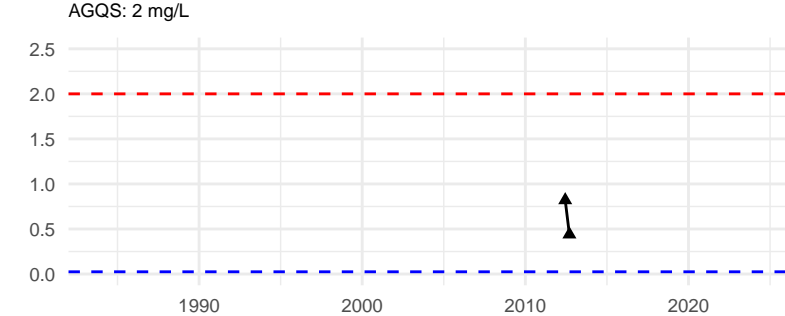
Specific Conductance (uS/cm) :



Nitrate (mg/L) :



Dissolved Barium (mg/L) :



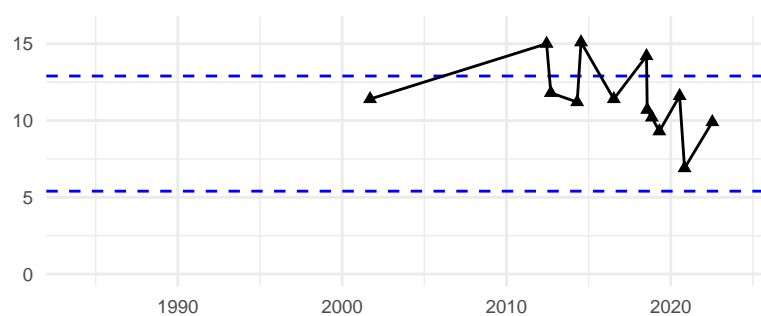
Result

- ▲ Detect
- Non-Detect

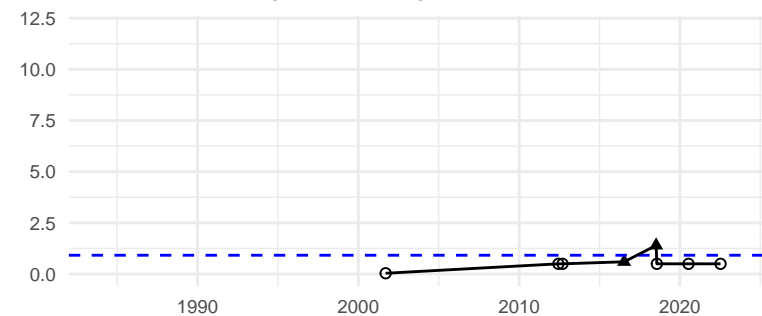
Standard

- - - AGQS
- - - SMCL
- - - Background

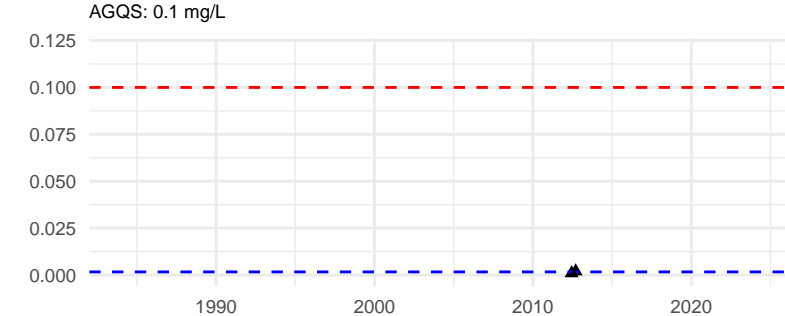
Temperature (C) :



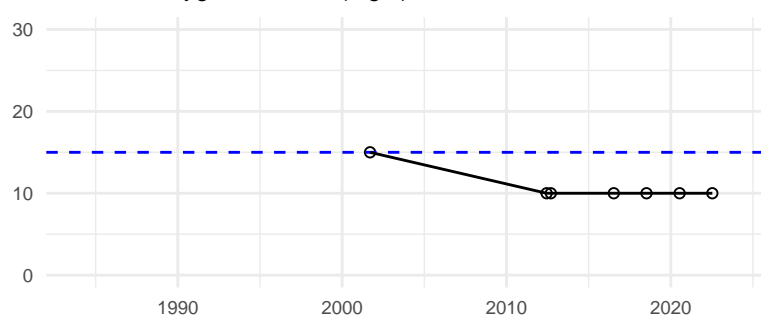
Total Kjeldahl Nitrogen (TKN) (mg/L) :



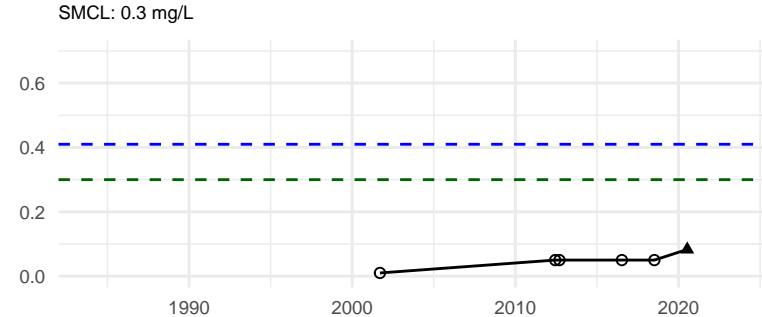
Dissolved Chromium (mg/L) :



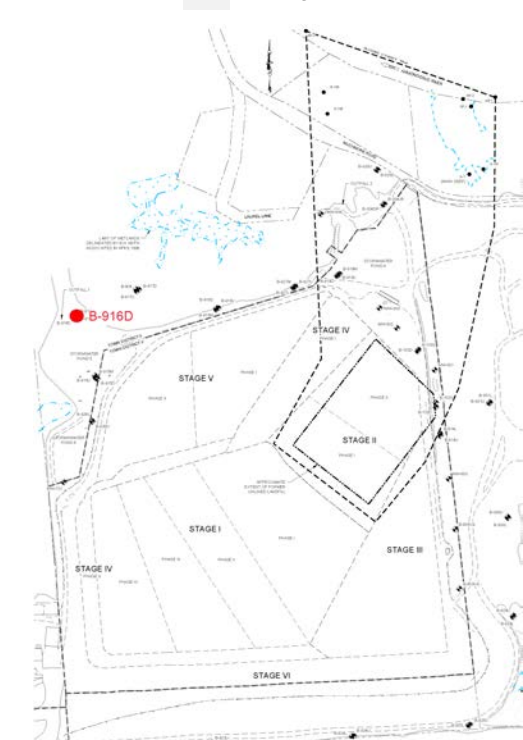
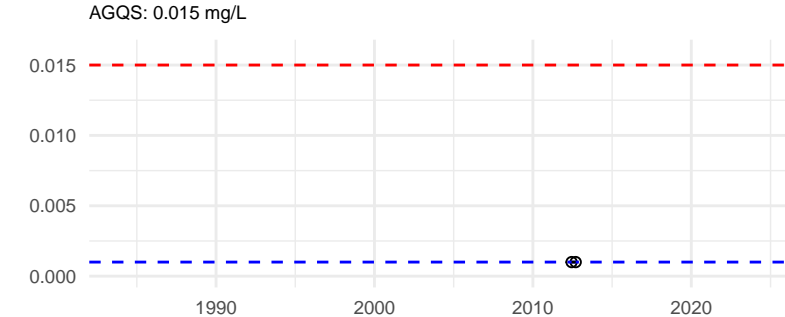
Chemical Oxygen Demand (mg/L) :



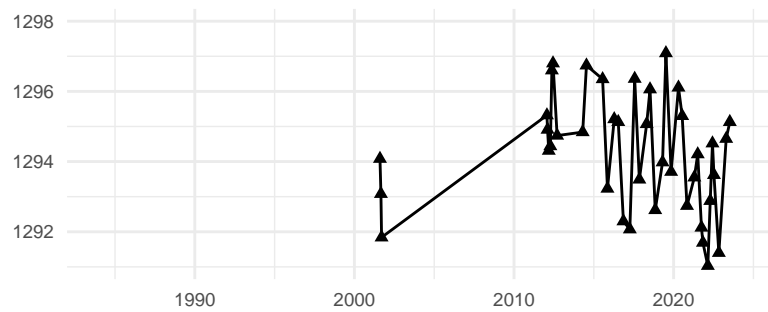
Dissolved Iron (mg/L) :



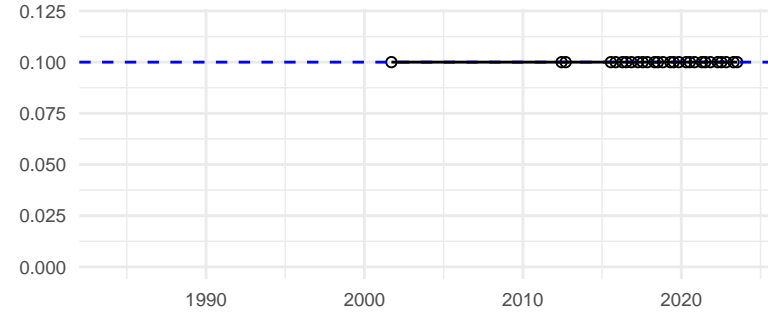
Dissolved Lead (mg/L) :



Groundwater Elevation (ft) :

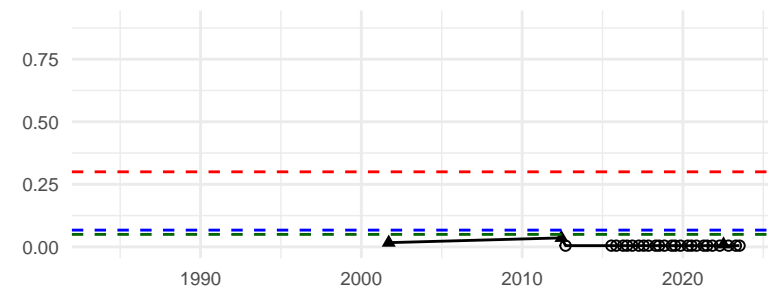


Bromide (mg/L) :



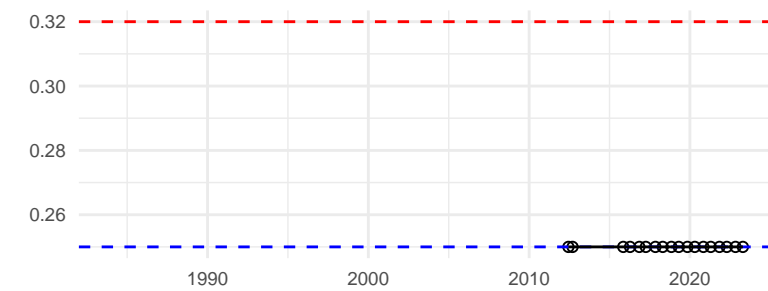
Dissolved Manganese (mg/L) :

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



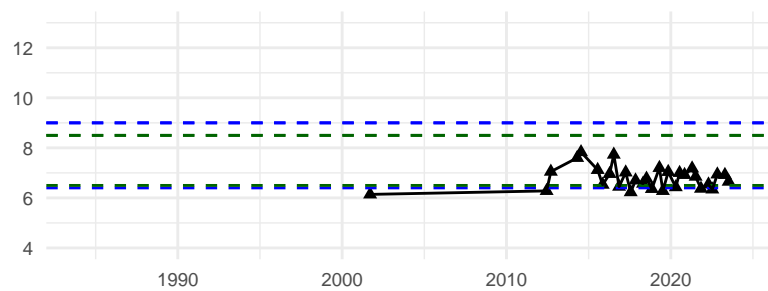
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



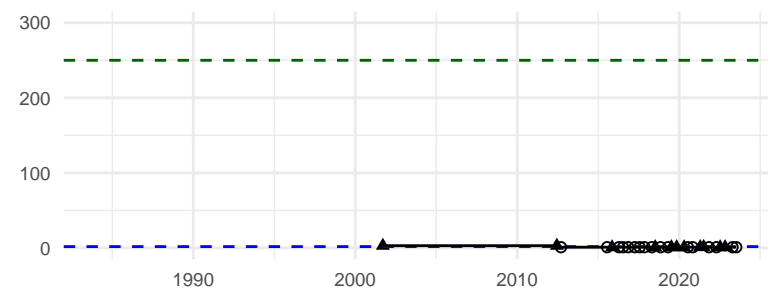
pH (SU) :

SMCL: 6.5 - 8.5 SU



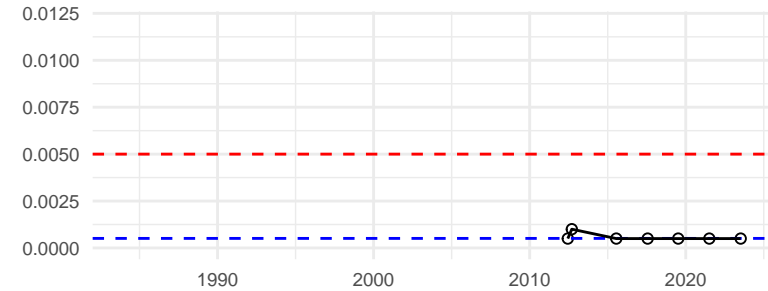
Chloride (mg/L) :

SMCL: 250 mg/L

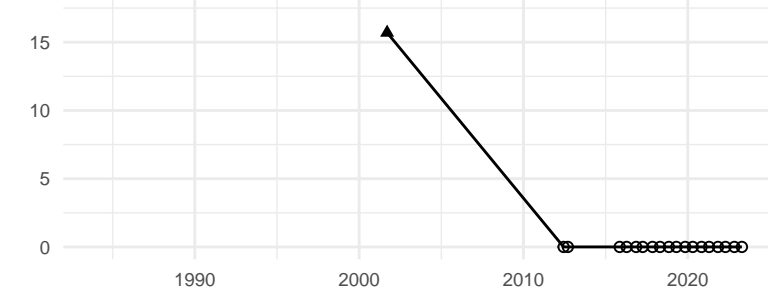


Dissolved Arsenic (mg/L) :

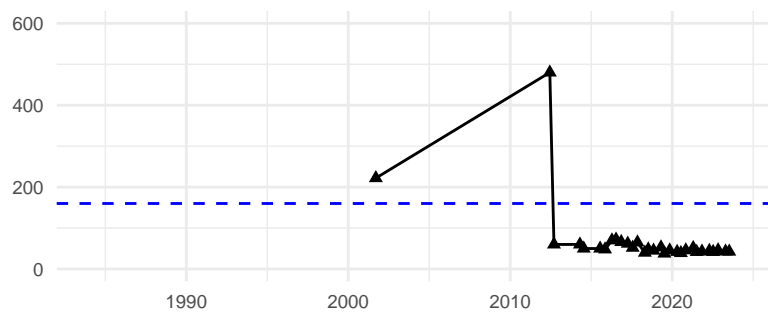
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

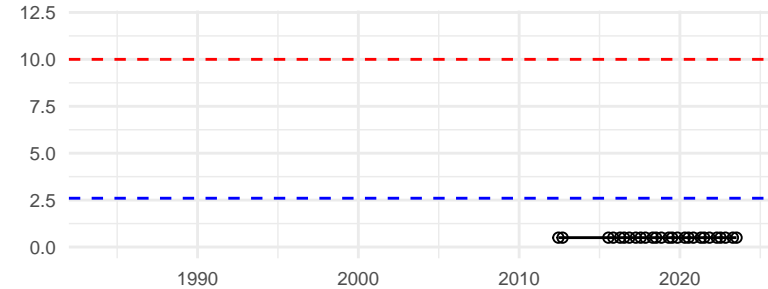


Specific Conductance (uS/cm) :



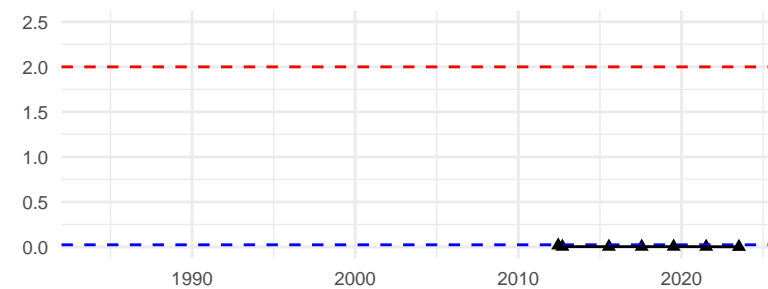
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



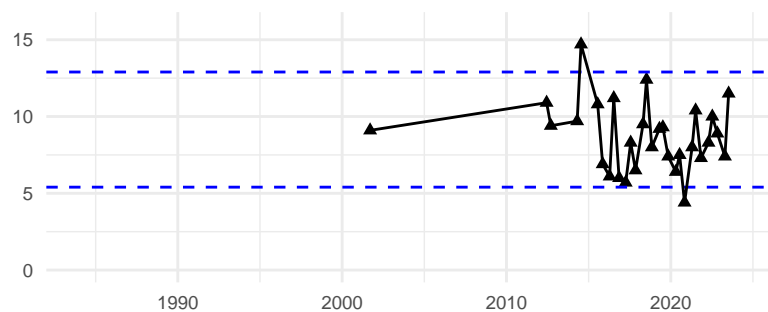
Result

- ▲ Detect
- Non-Detect

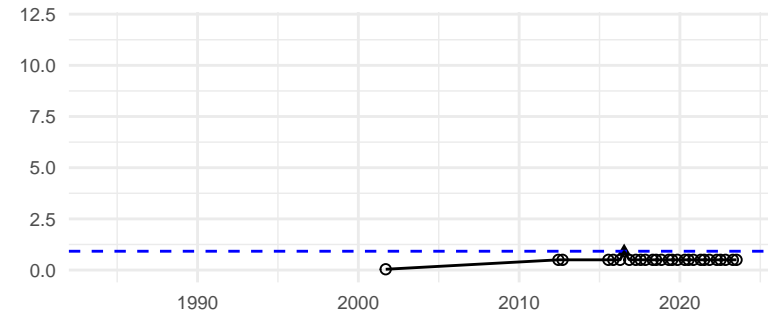
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

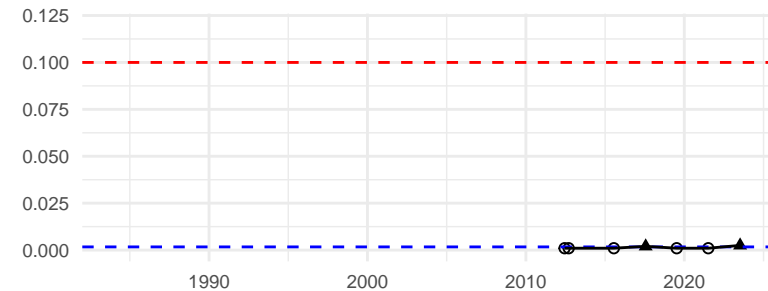


Total Kjeldahl Nitrogen (TKN) (mg/L) :

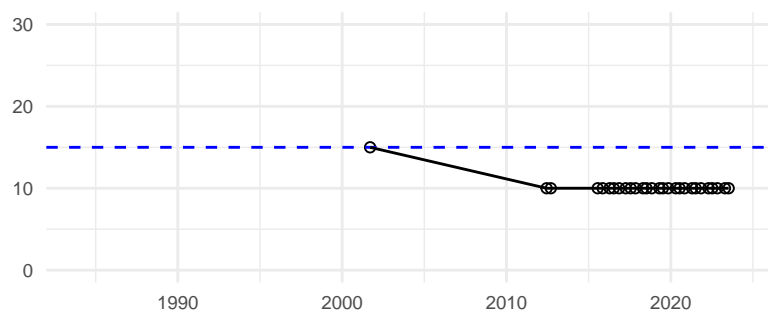


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

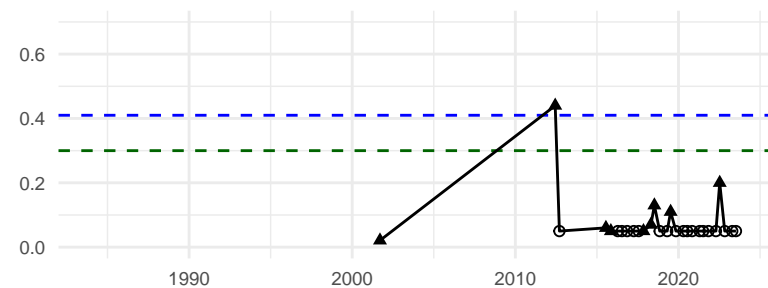


Chemical Oxygen Demand (mg/L) :



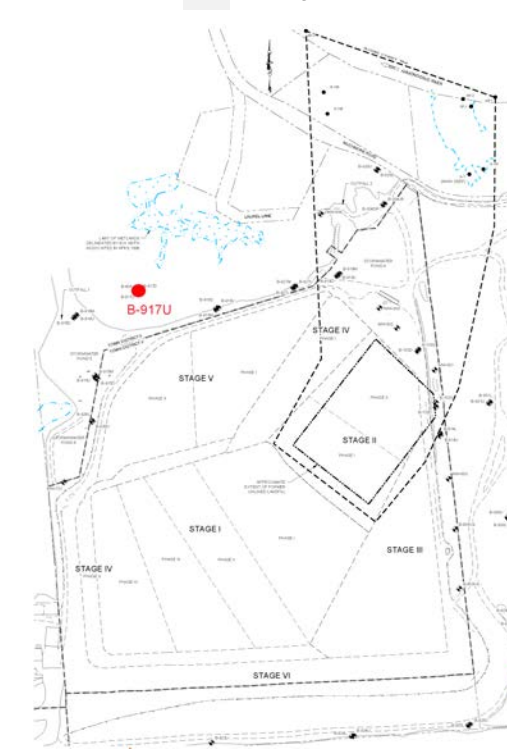
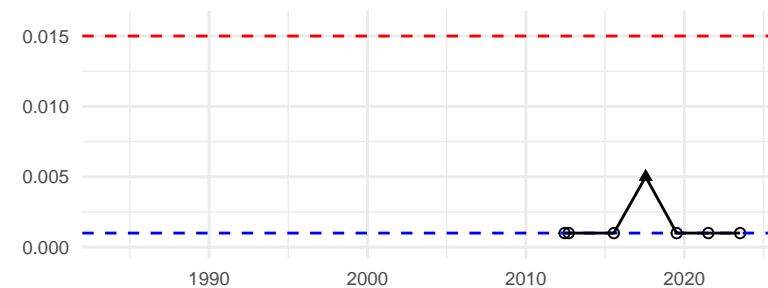
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L

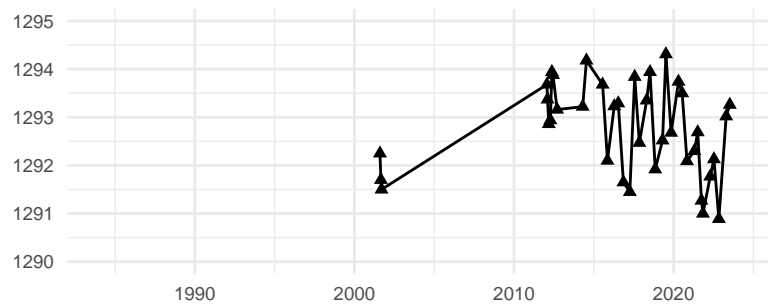


Dissolved Lead (mg/L) :

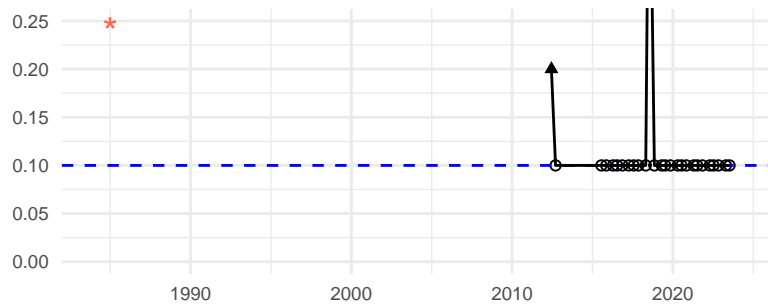
AGQS: 0.015 mg/L



Groundwater Elevation (ft) :

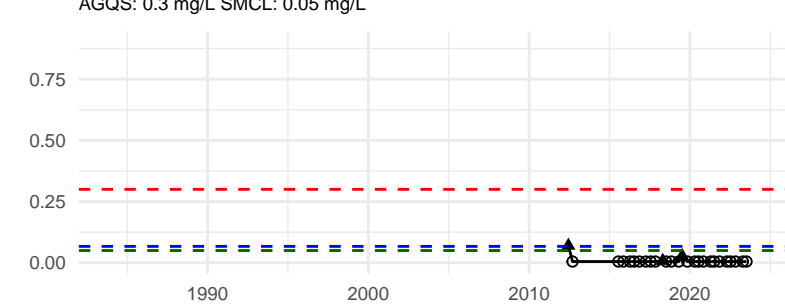


Bromide (mg/L) :



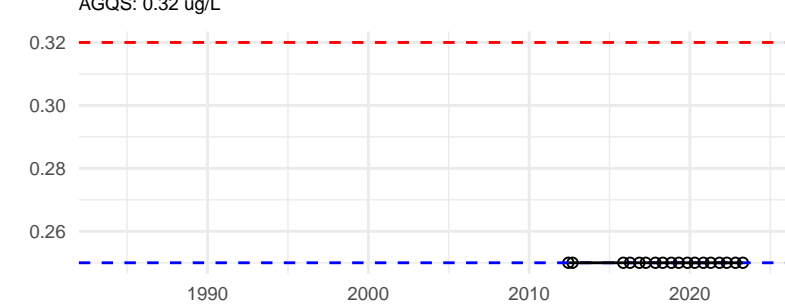
Dissolved Manganese (mg/L) :

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



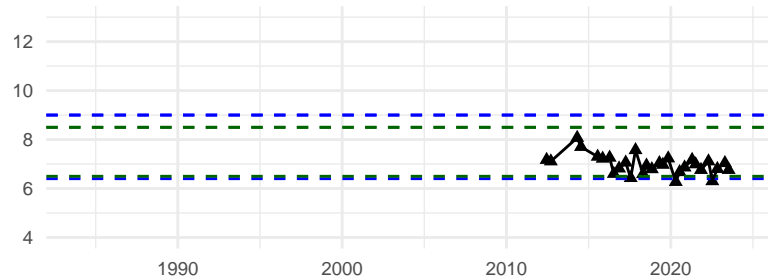
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



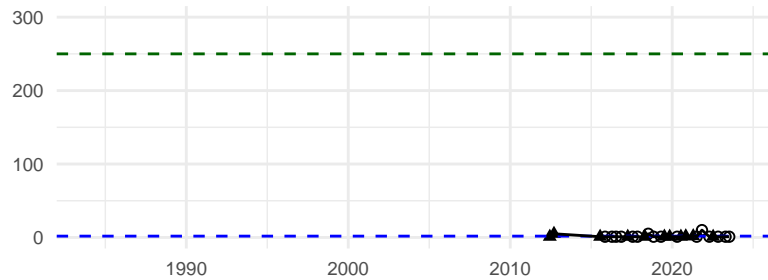
pH (SU) :

SMCL: 6.5 - 8.5 SU



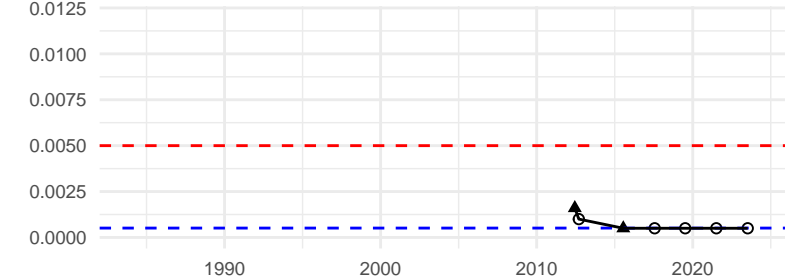
Chloride (mg/L) :

SMCL: 250 mg/L



Dissolved Arsenic (mg/L) :

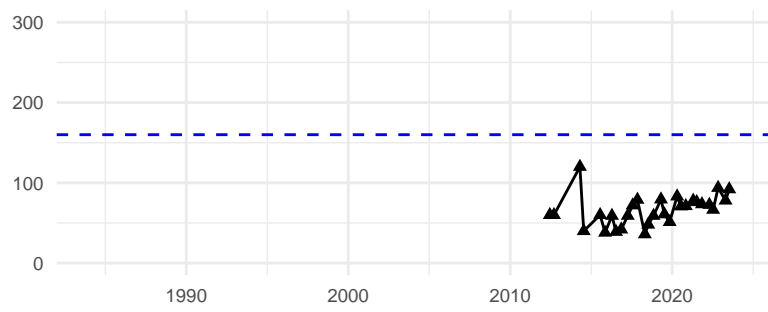
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

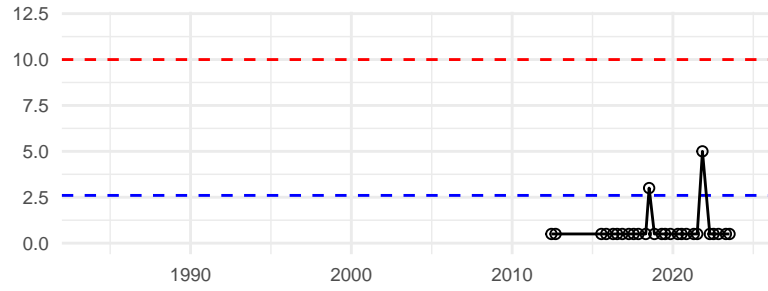


Specific Conductance (uS/cm) :



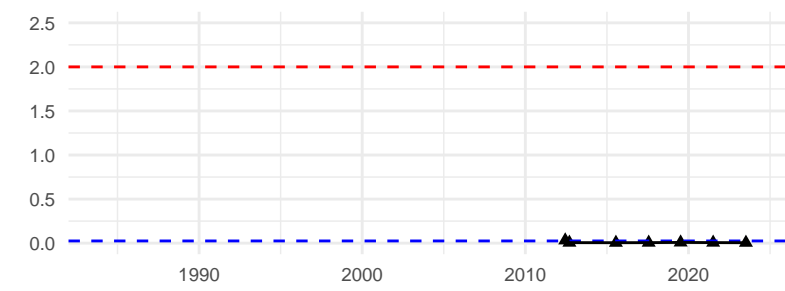
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



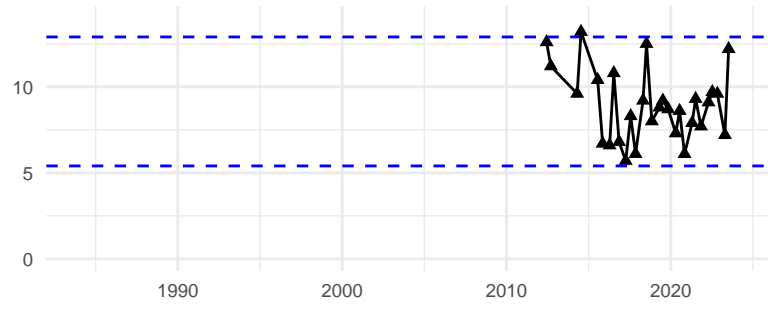
Result

- ▲ Detect
- Non-Detect

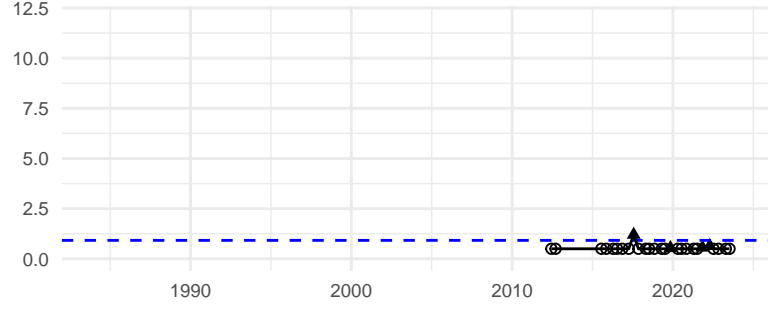
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

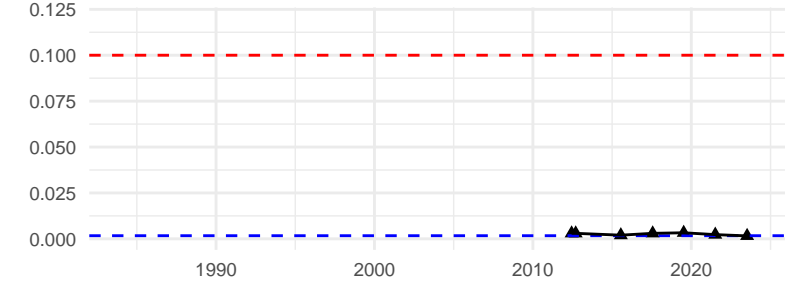


Total Kjeldahl Nitrogen (TKN) (mg/L) :

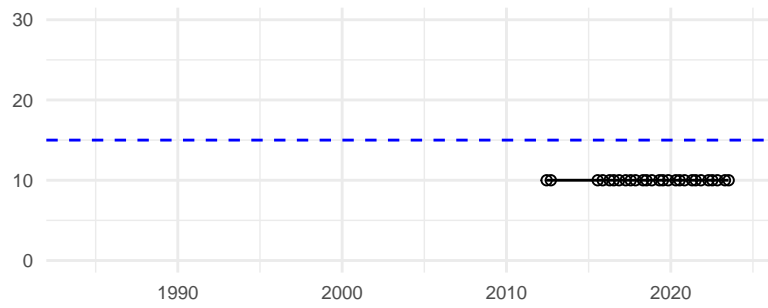


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

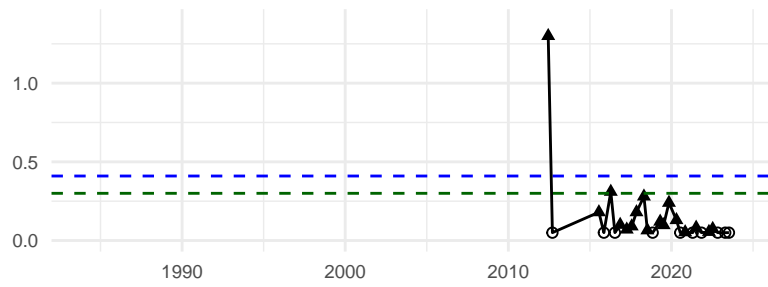


Chemical Oxygen Demand (mg/L) :



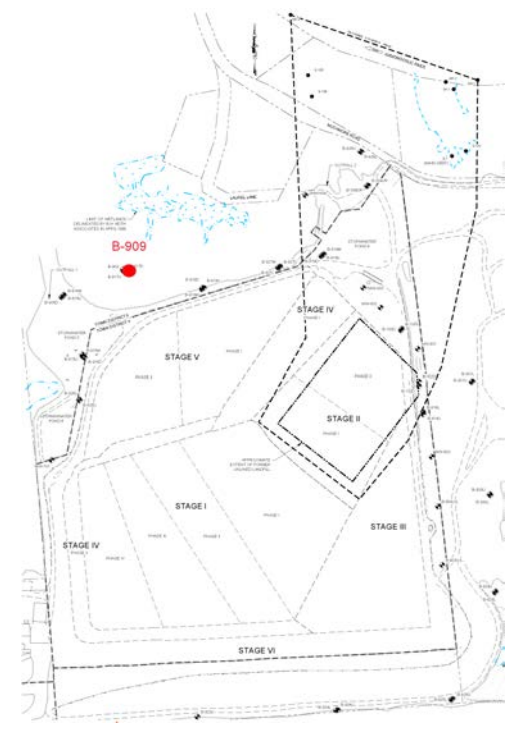
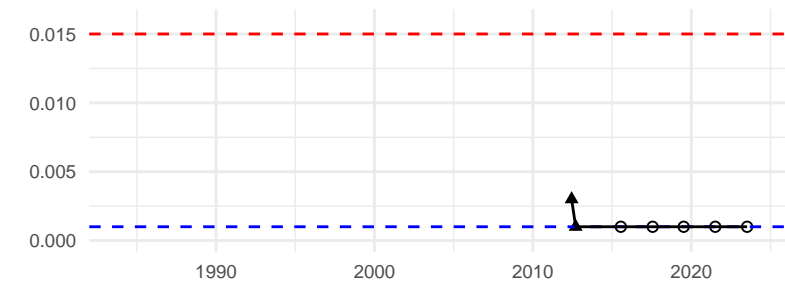
Dissolved Iron (mg/L) :

SMCL: 0.3 mg/L

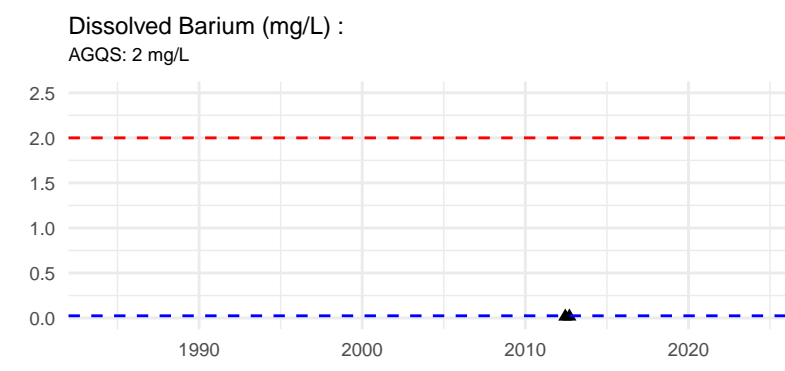
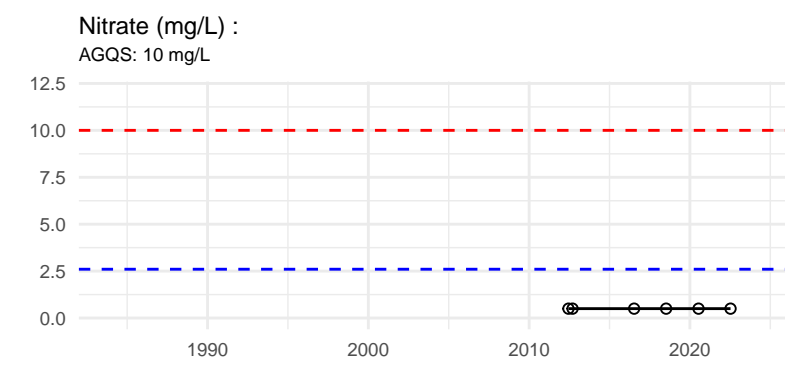
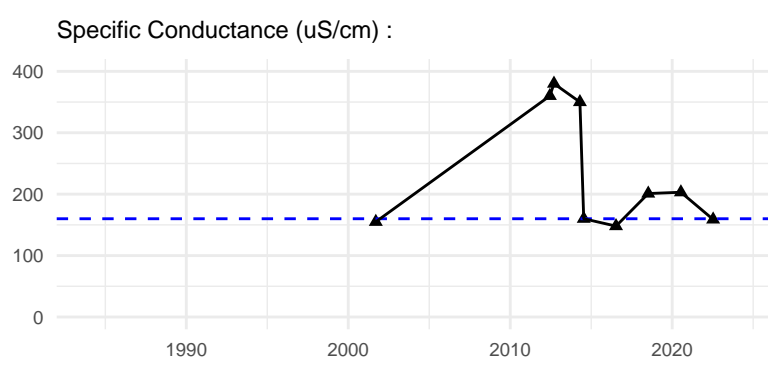
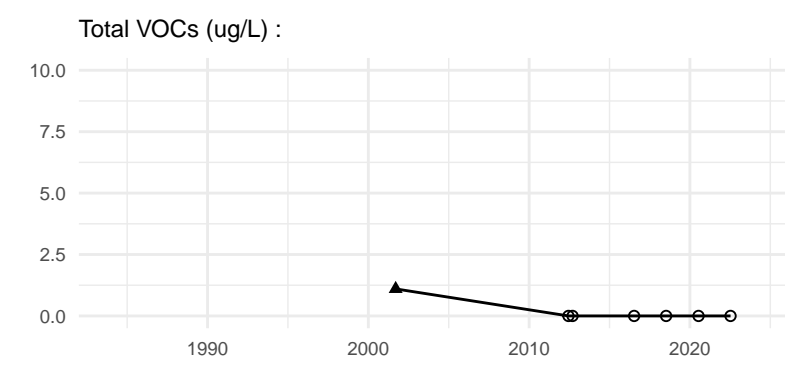
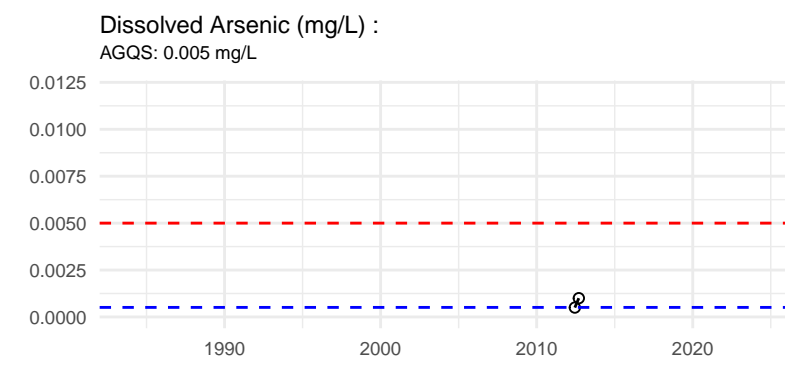
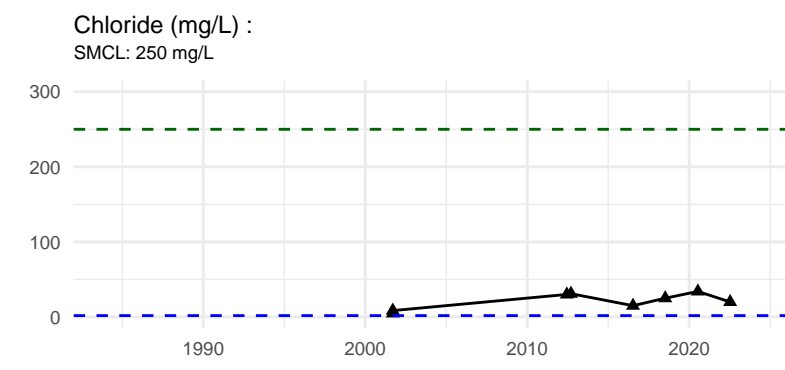
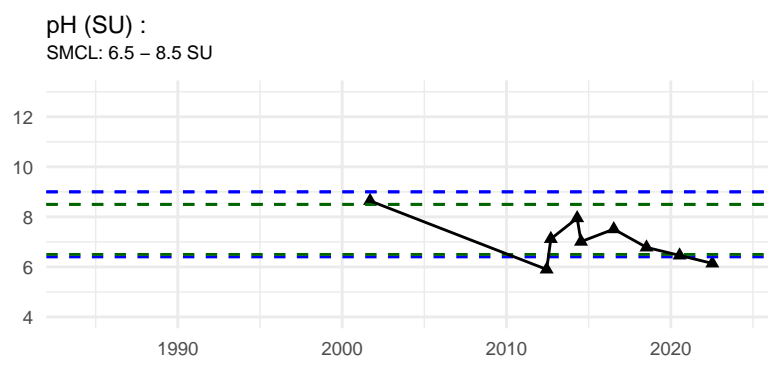
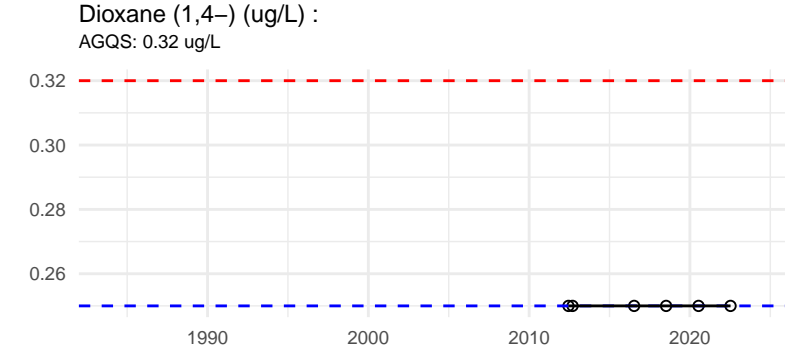
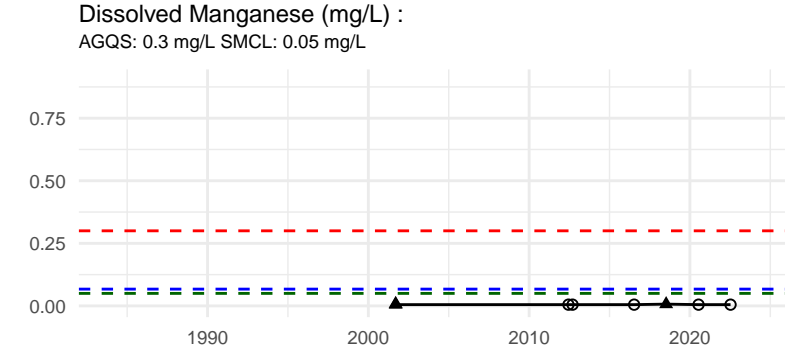
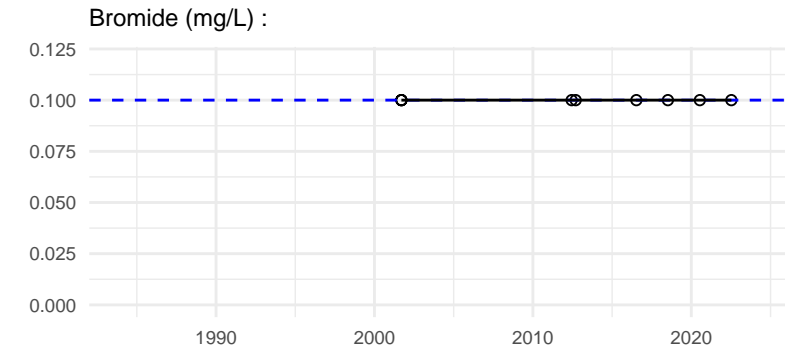
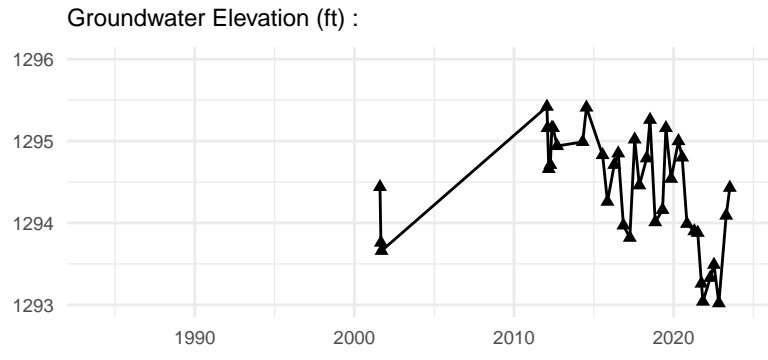


Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

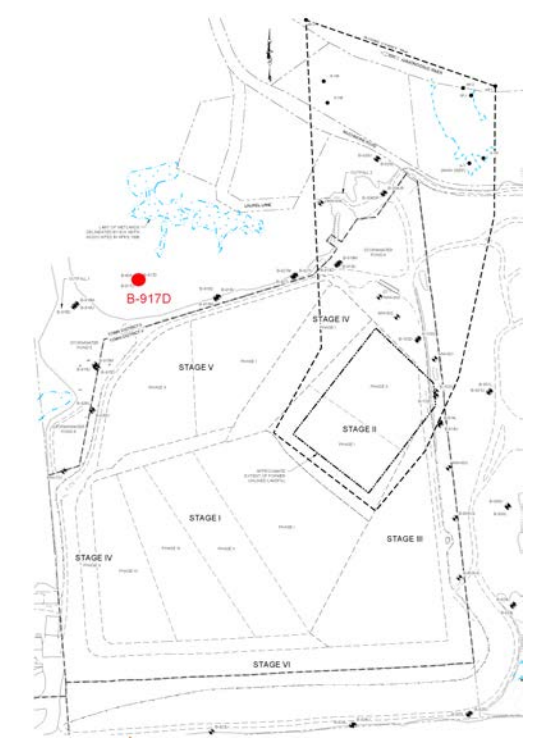
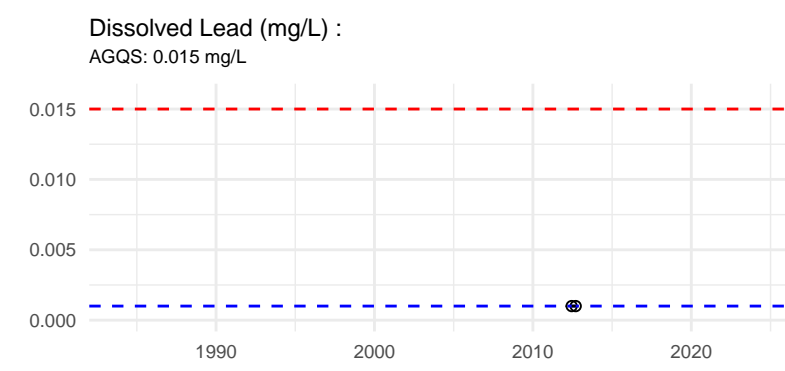
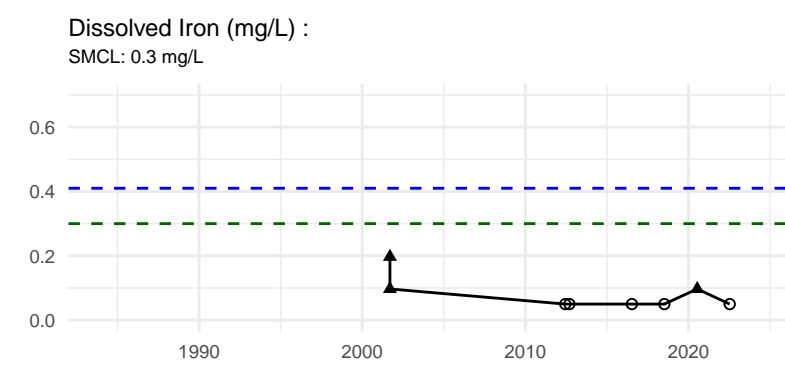
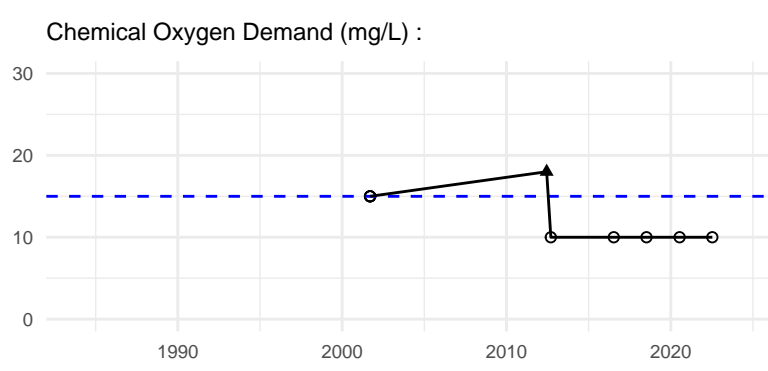
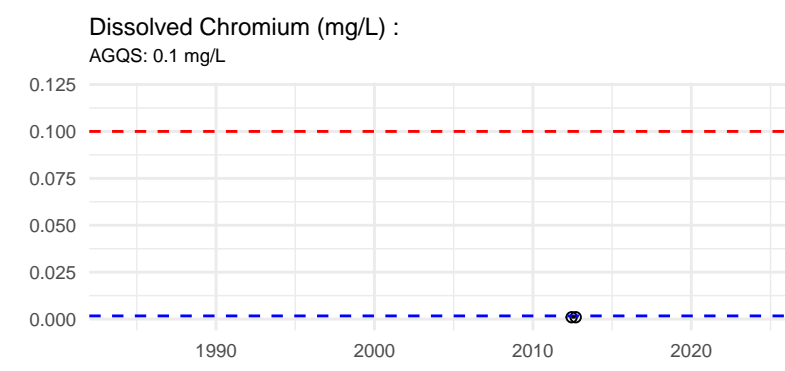
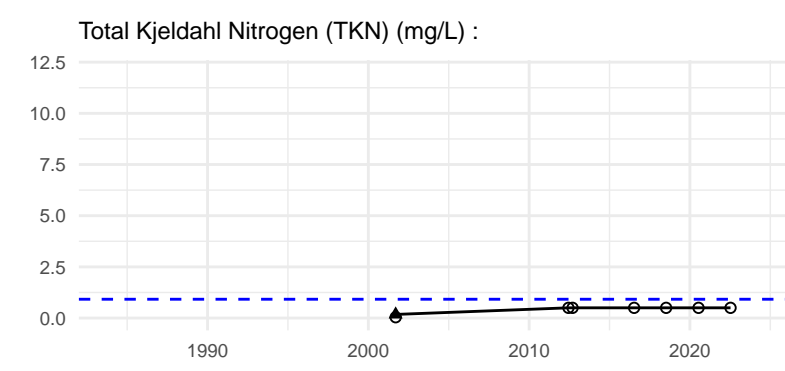
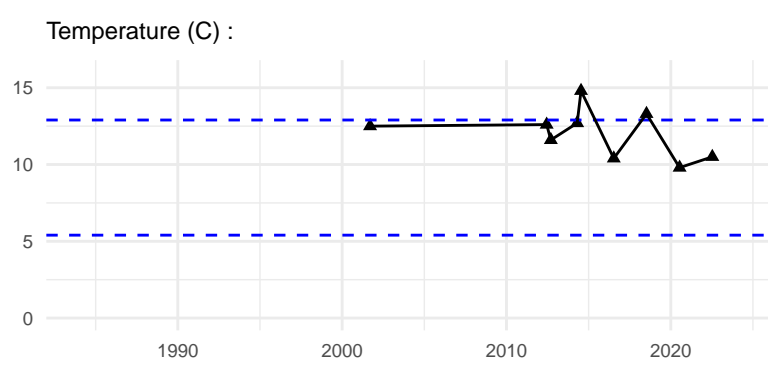


Result

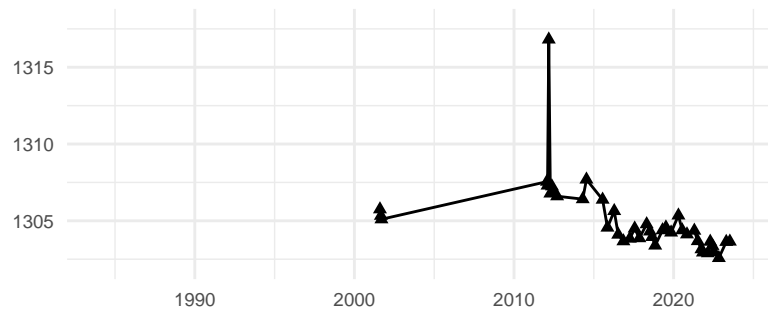
- ▲ Detect
- Non-Detect

Standard

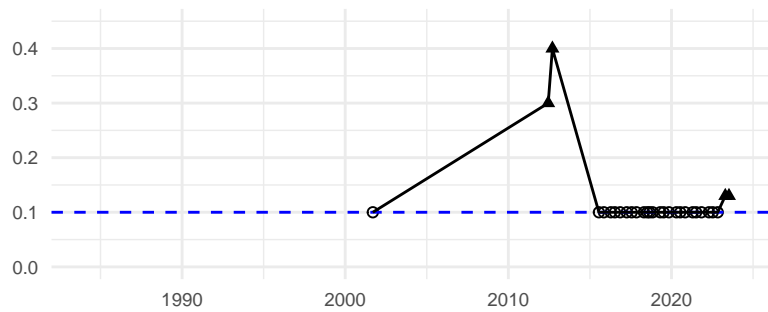
- - - AGQS
- - - SMCL
- - - Background



Groundwater Elevation (ft) :

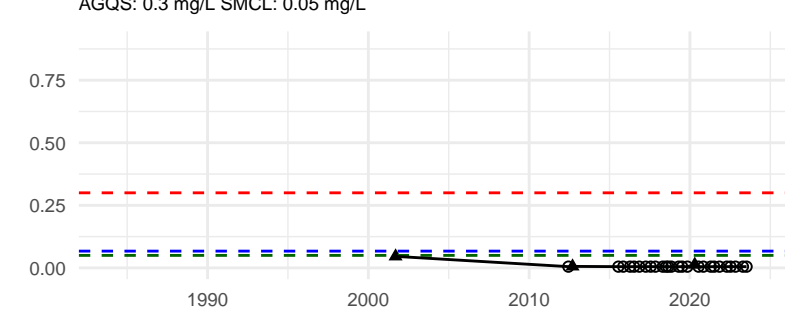


Bromide (mg/L) :



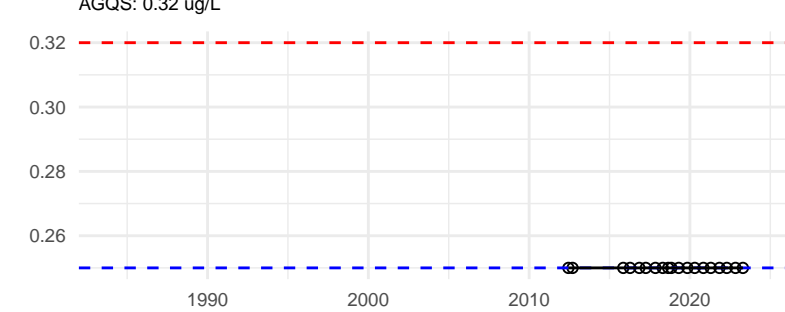
Dissolved Manganese (mg/L) :

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



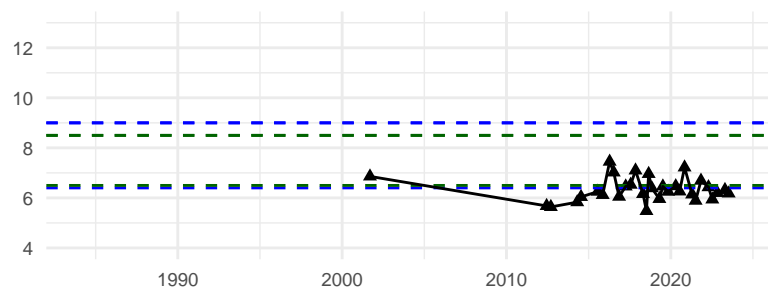
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



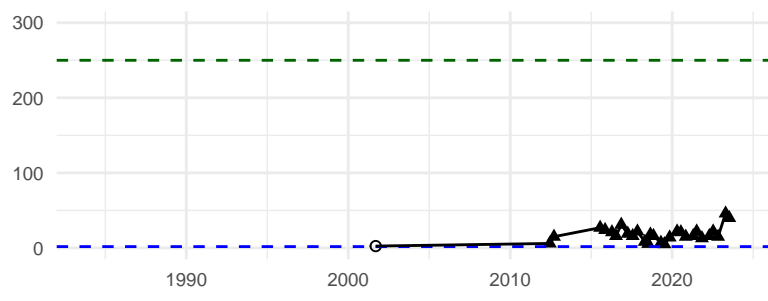
pH (SU) :

SMCL: 6.5 - 8.5 SU



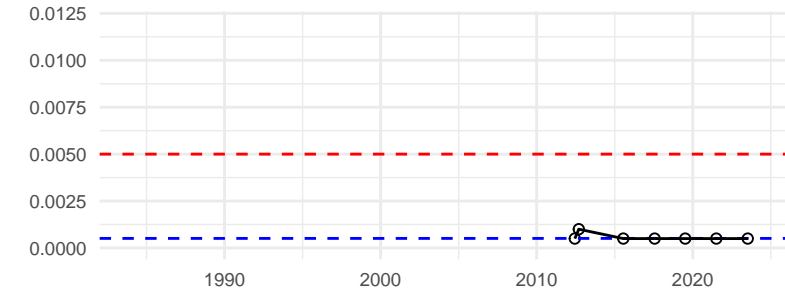
Chloride (mg/L) :

SMCL: 250 mg/L

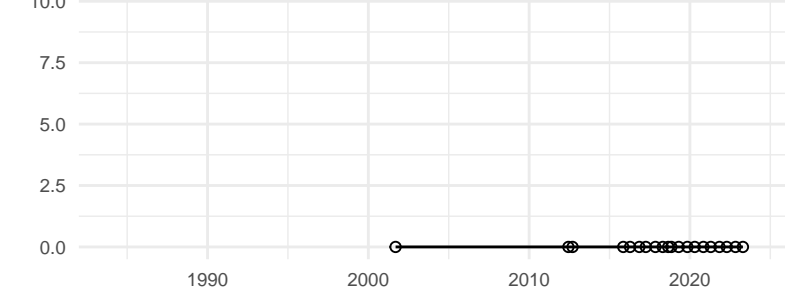


Dissolved Arsenic (mg/L) :

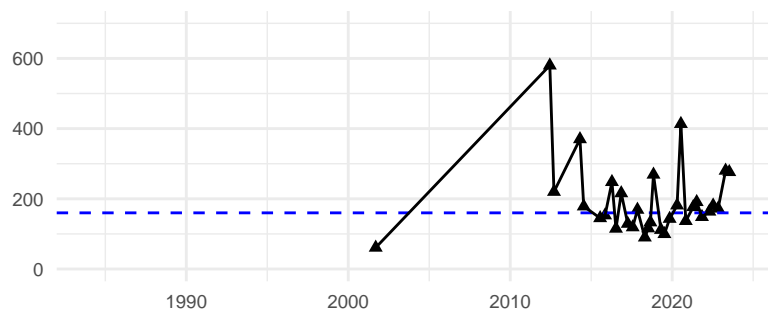
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

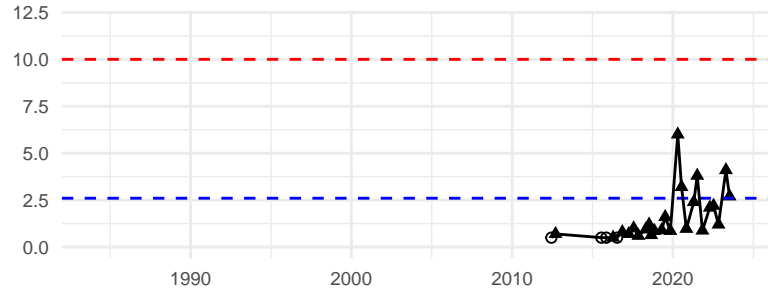


Specific Conductance (uS/cm) :



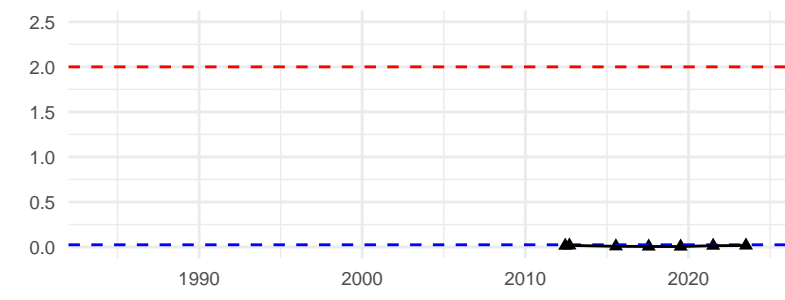
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



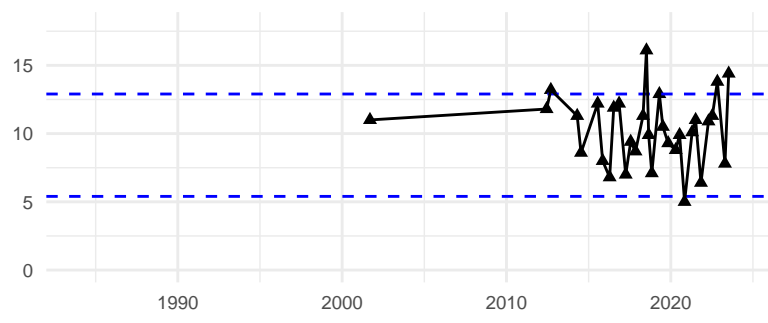
Result

- ▲ Detect
- Non-Detect

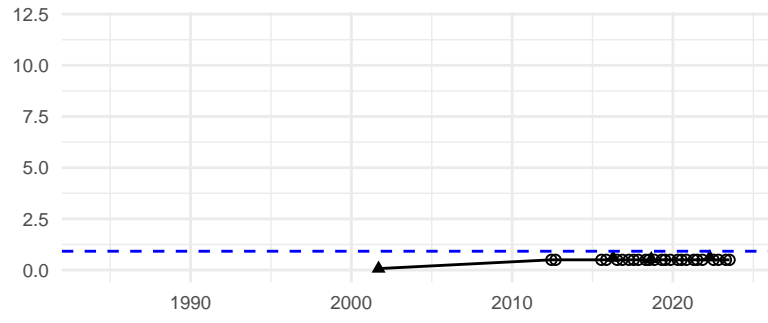
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

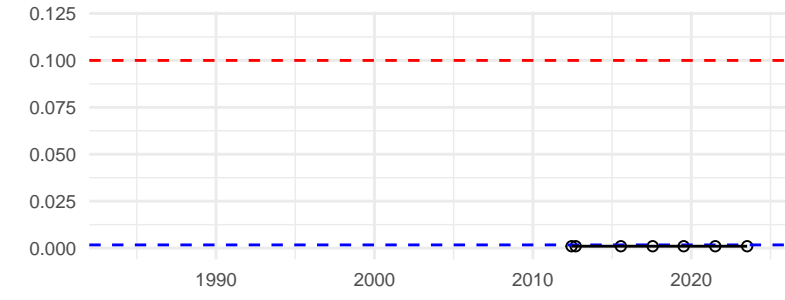


Total Kjeldahl Nitrogen (TKN) (mg/L) :

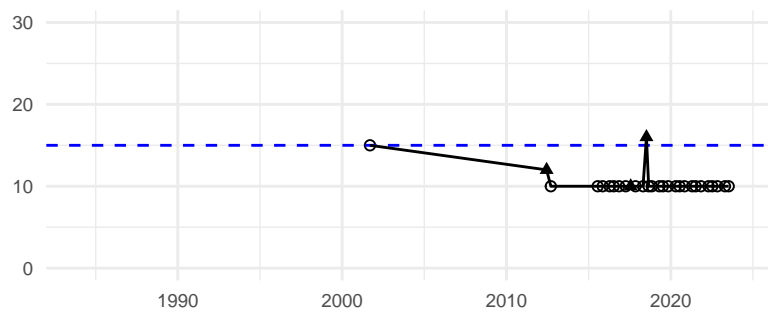


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

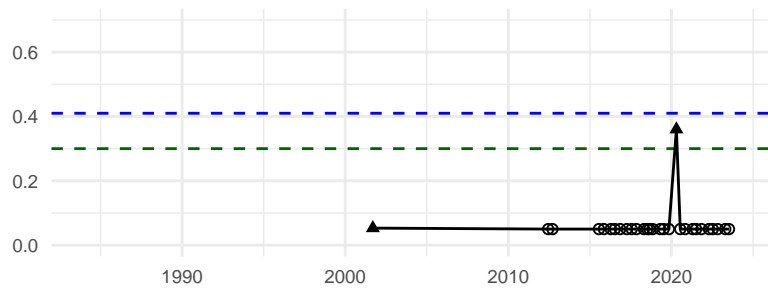


Chemical Oxygen Demand (mg/L) :



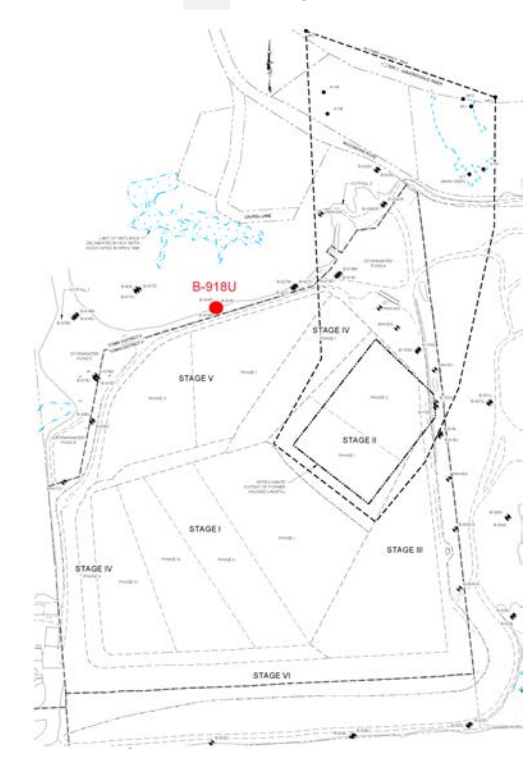
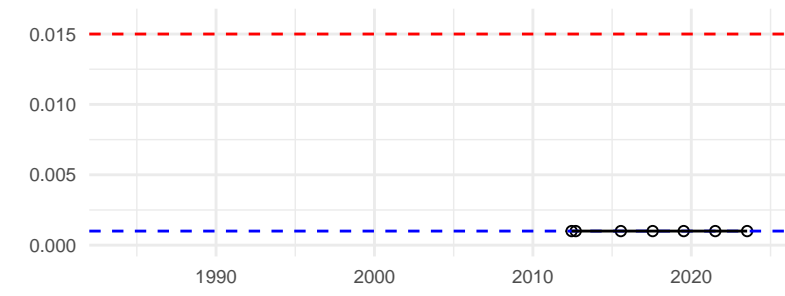
Dissolved Iron (mg/L) :

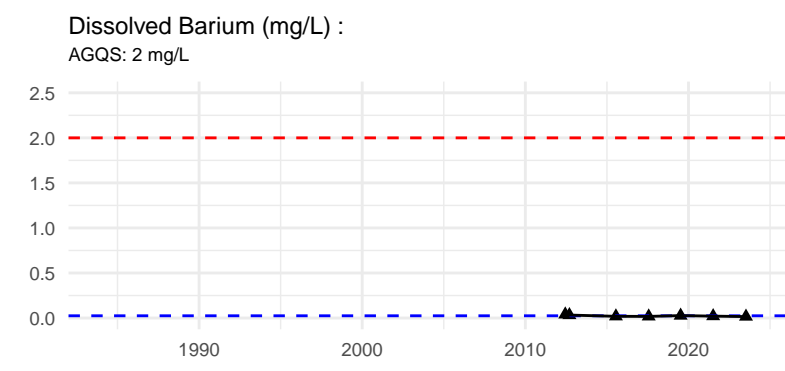
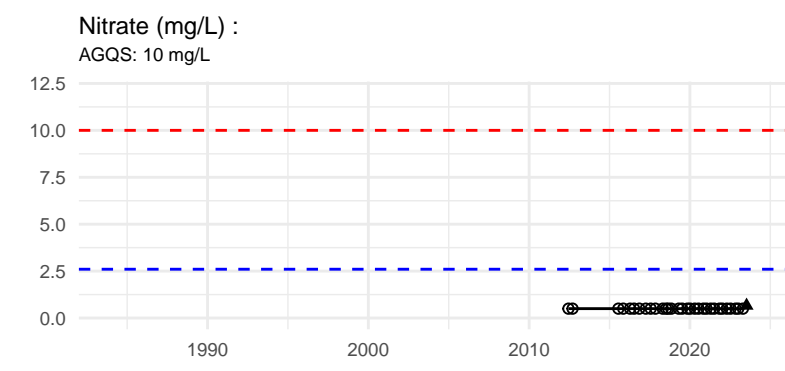
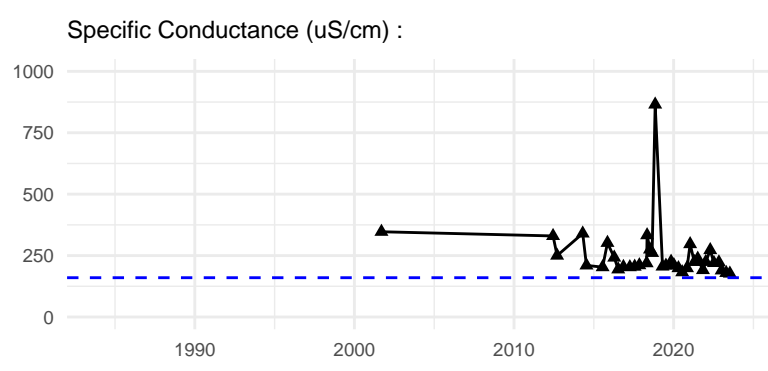
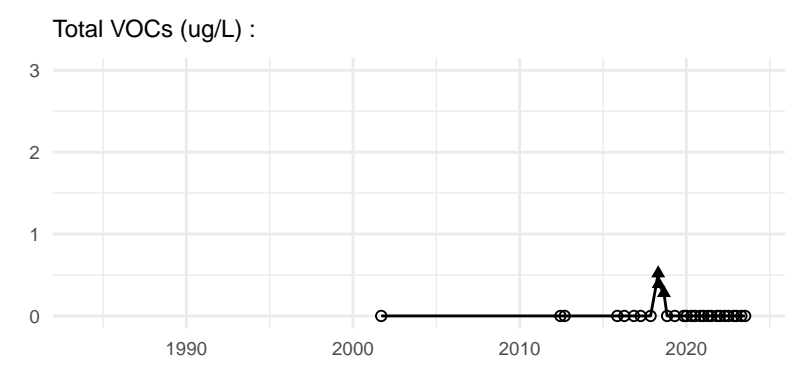
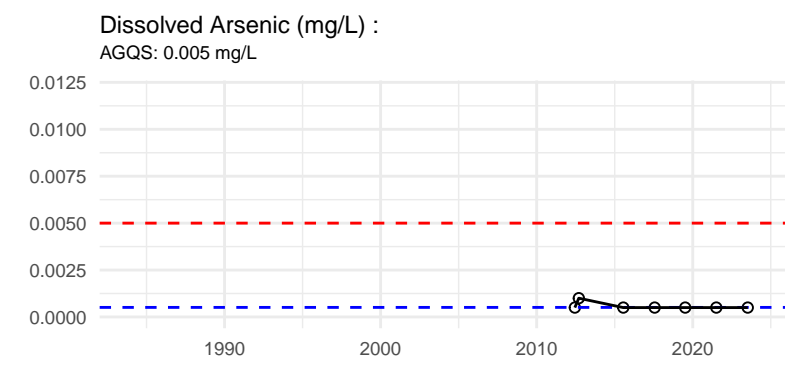
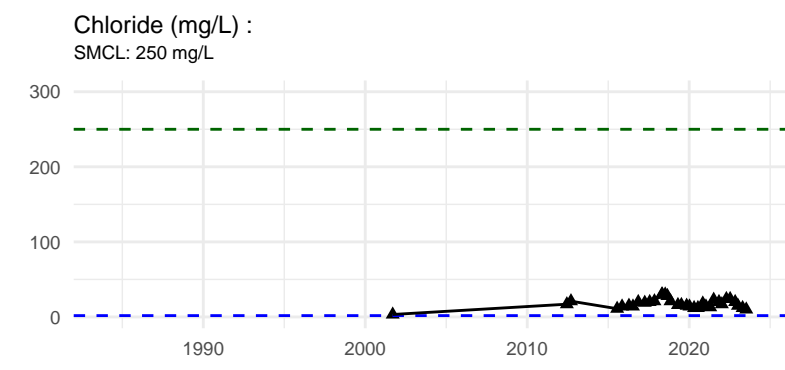
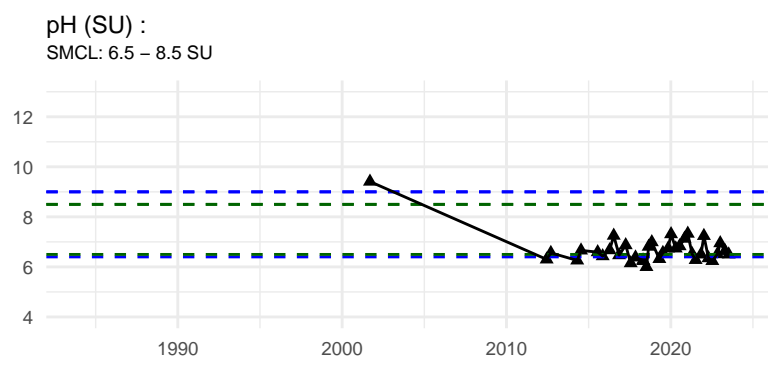
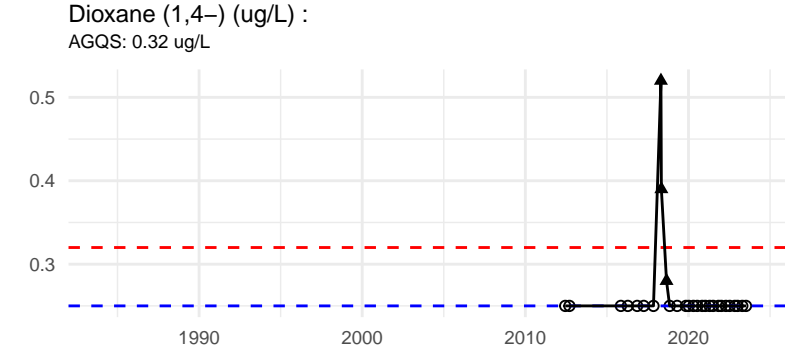
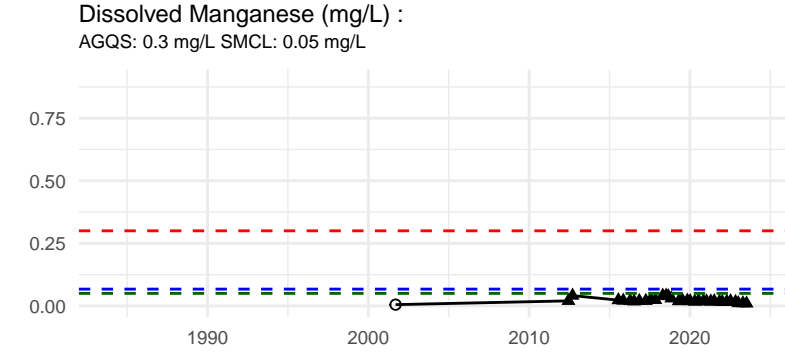
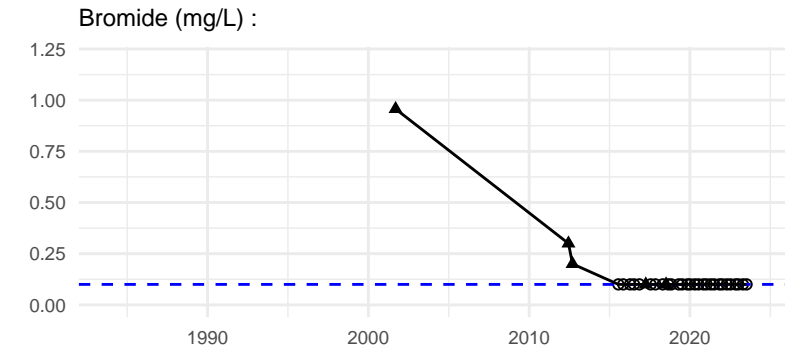
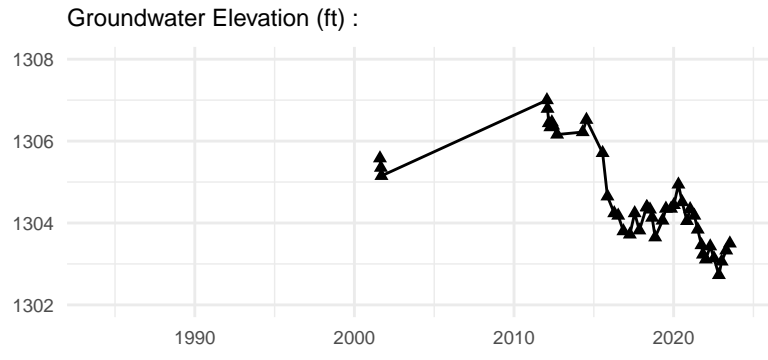
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



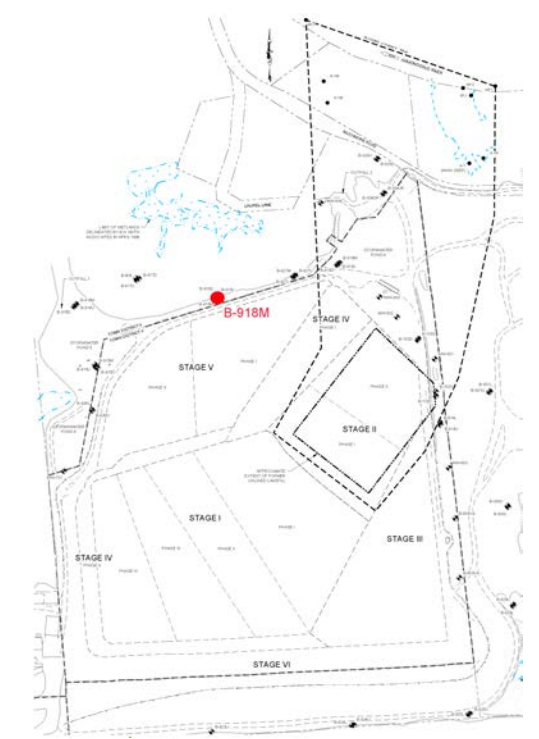
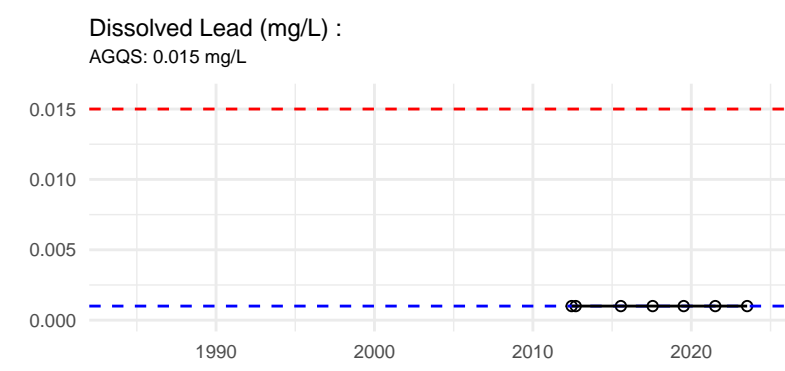
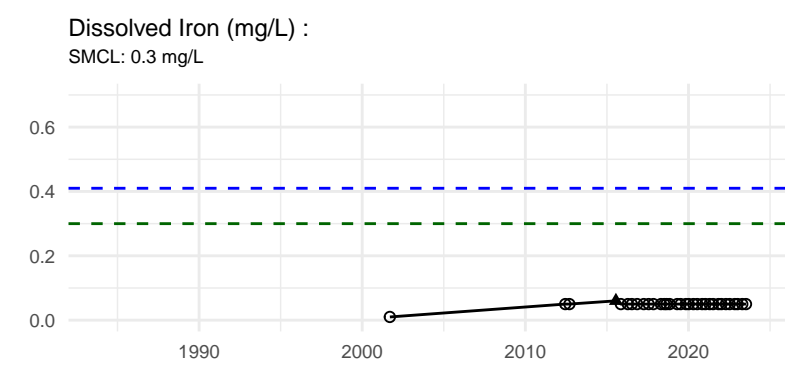
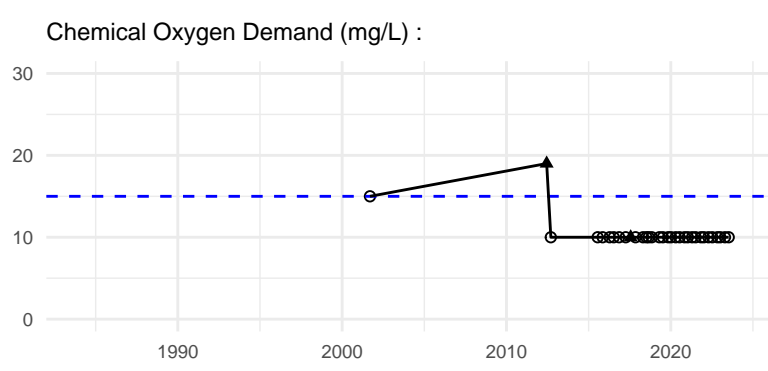
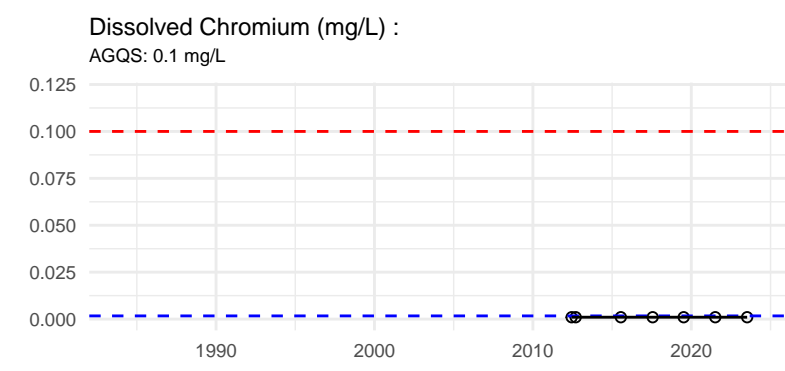
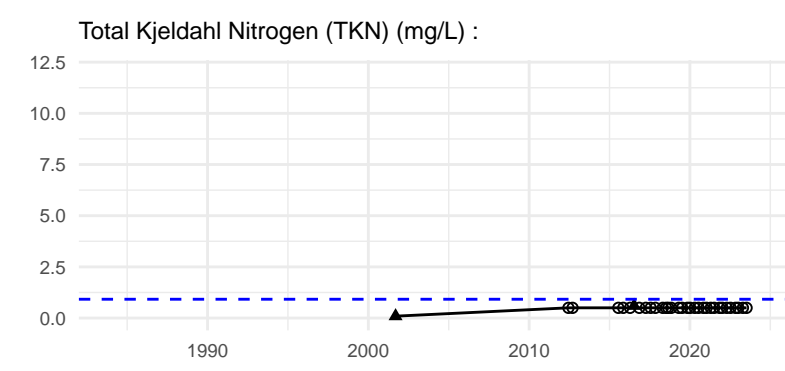
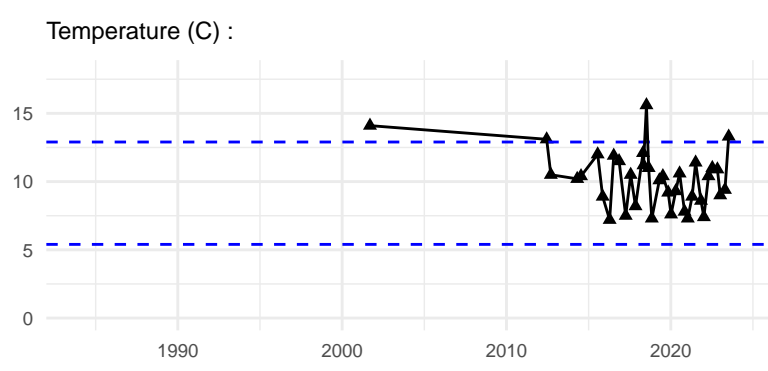


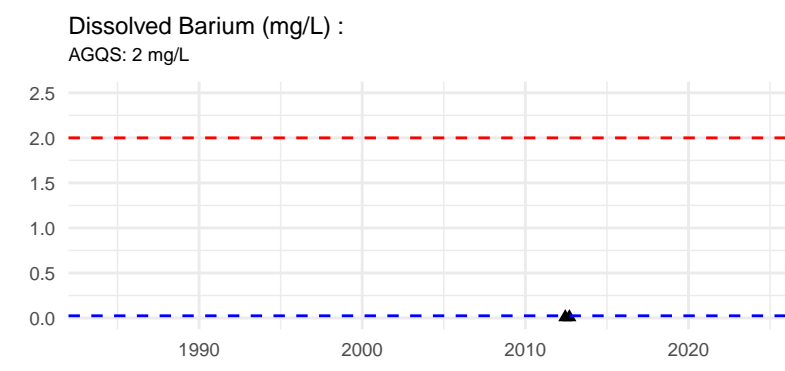
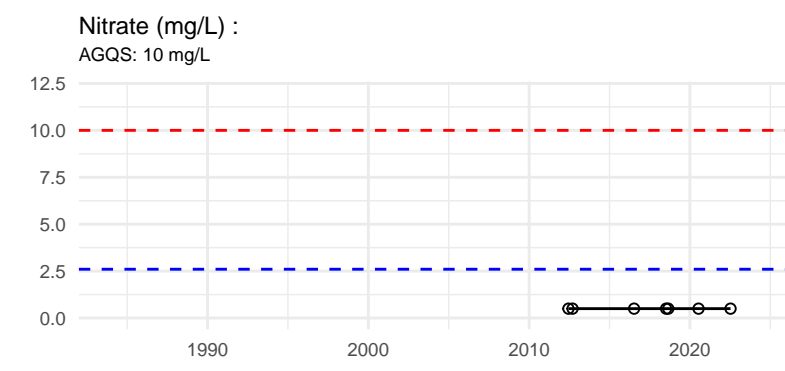
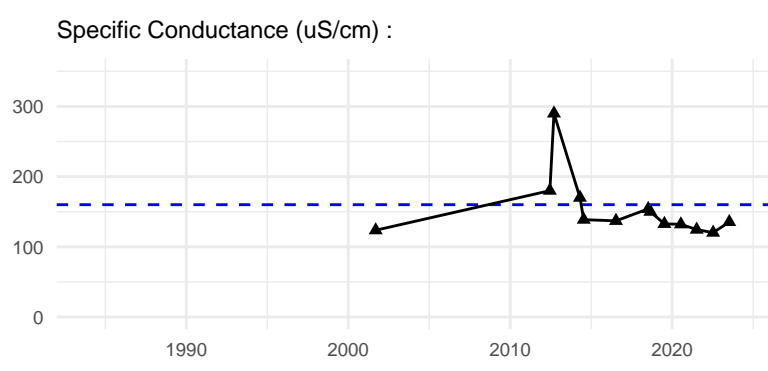
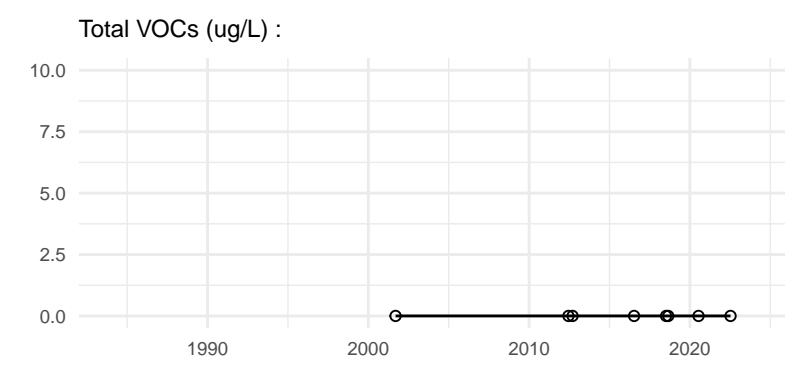
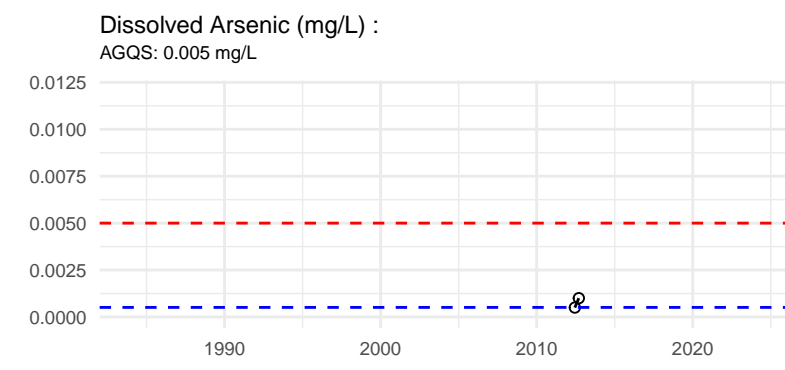
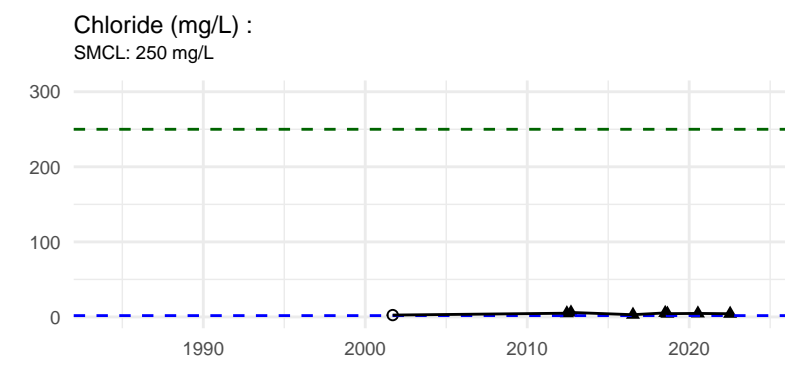
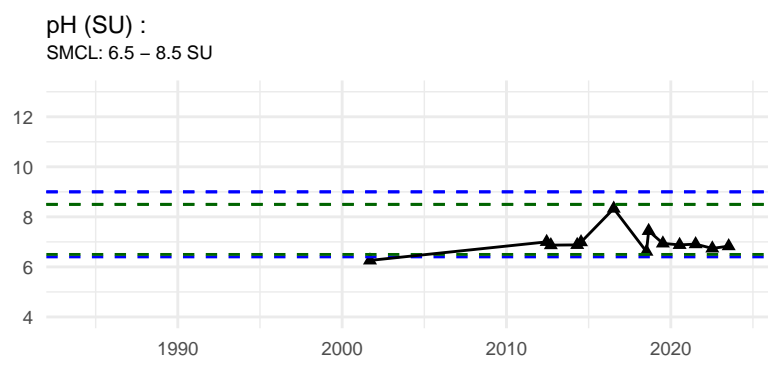
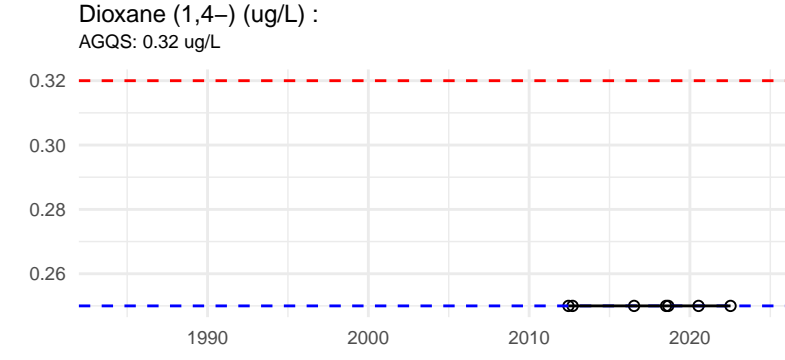
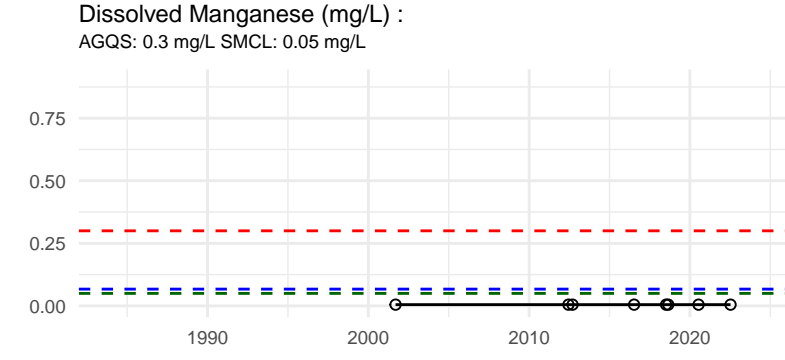
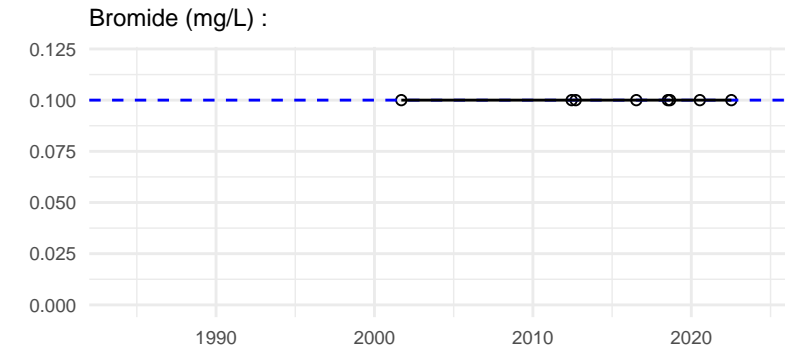
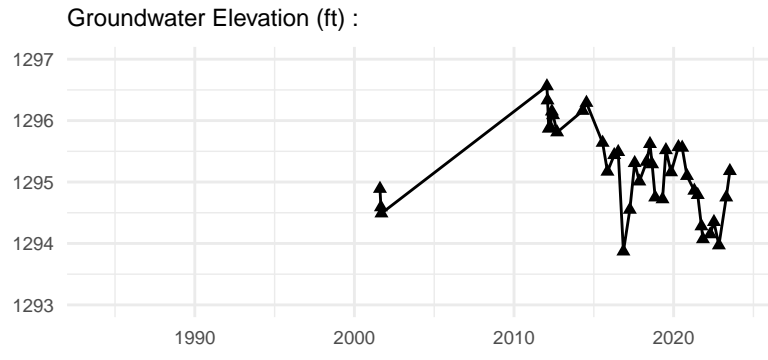
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



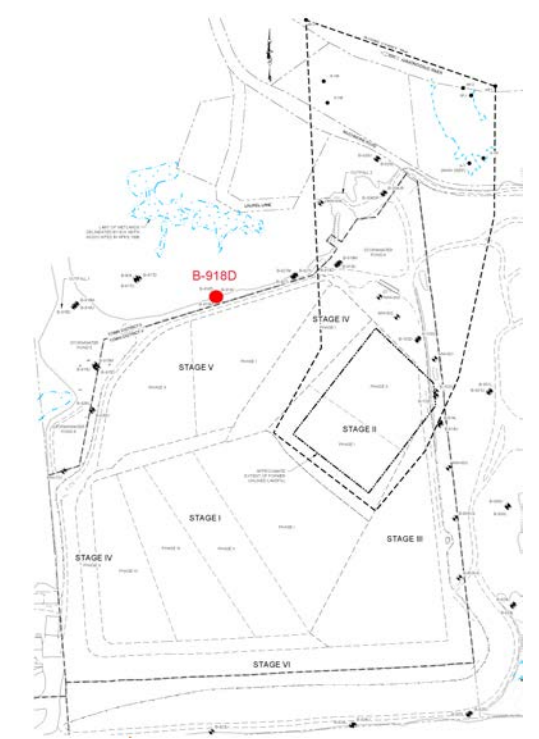
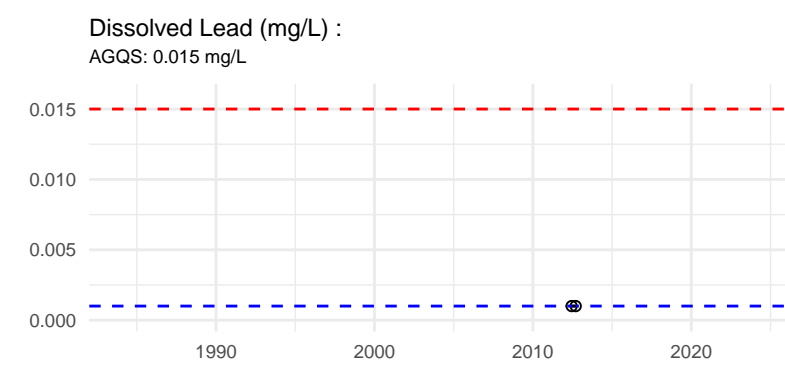
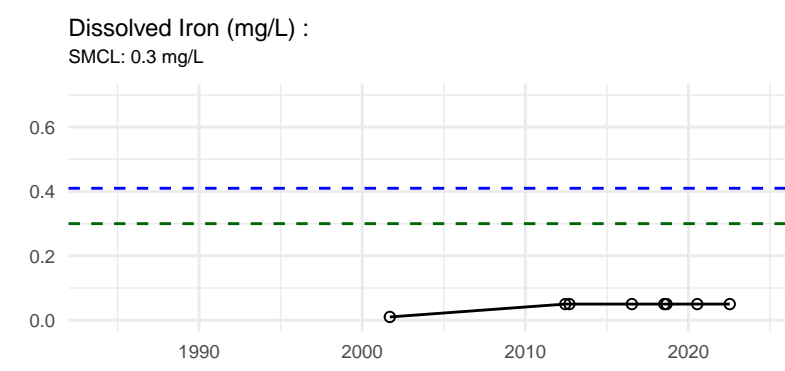
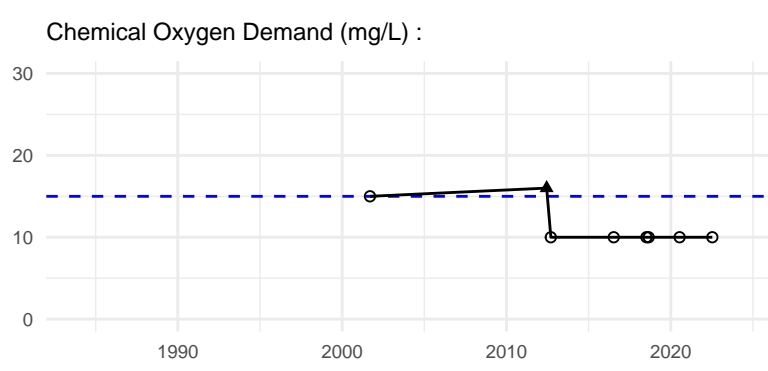
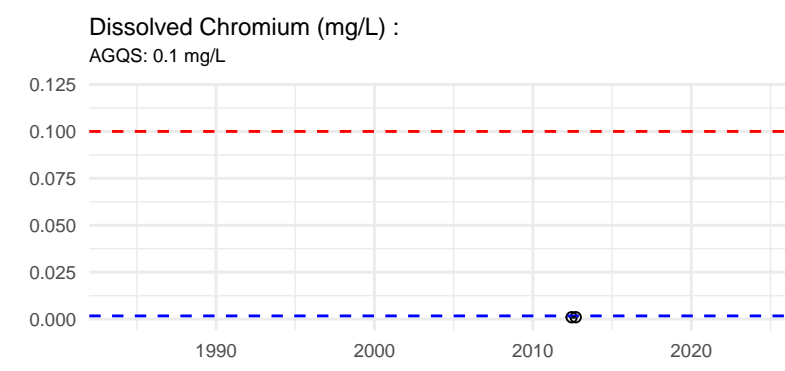
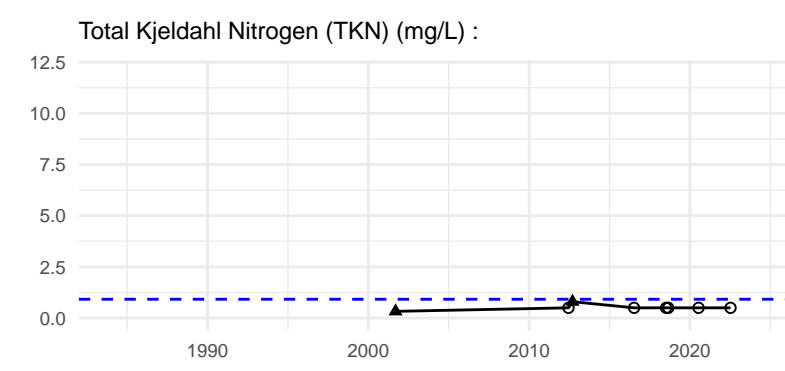
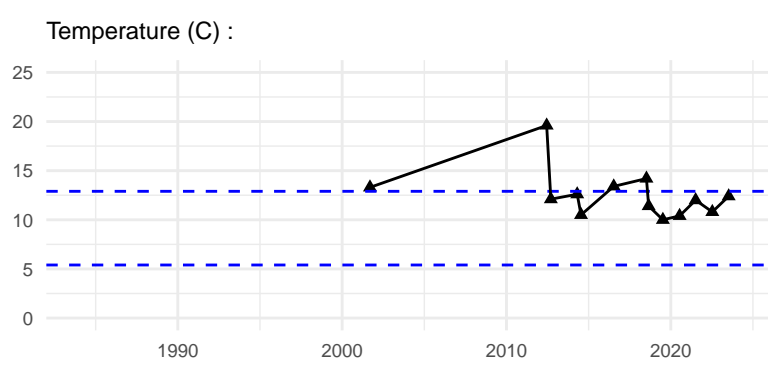


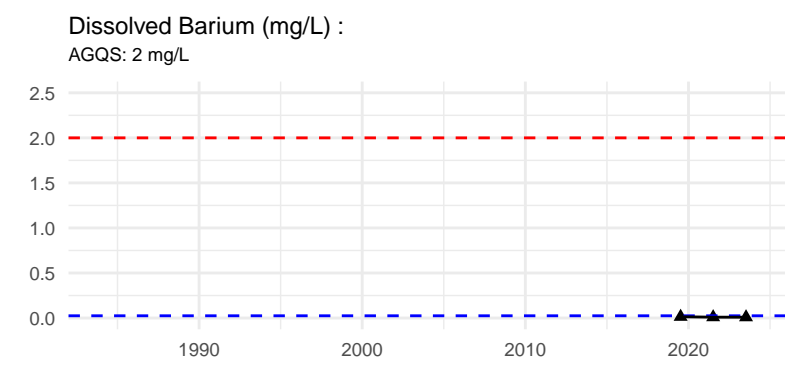
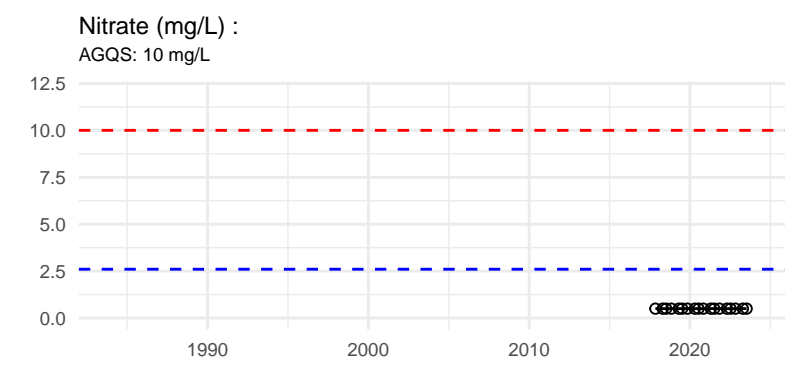
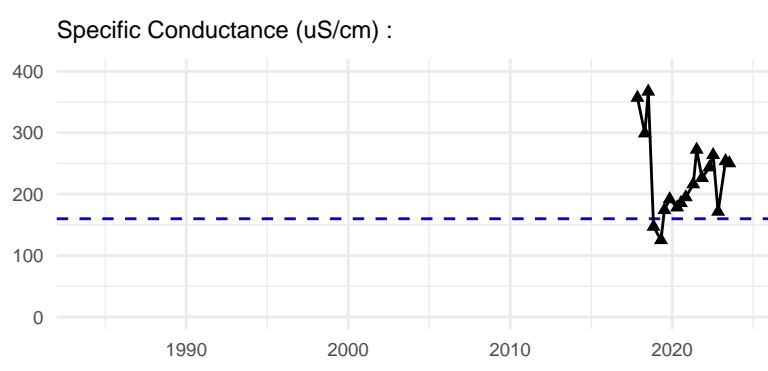
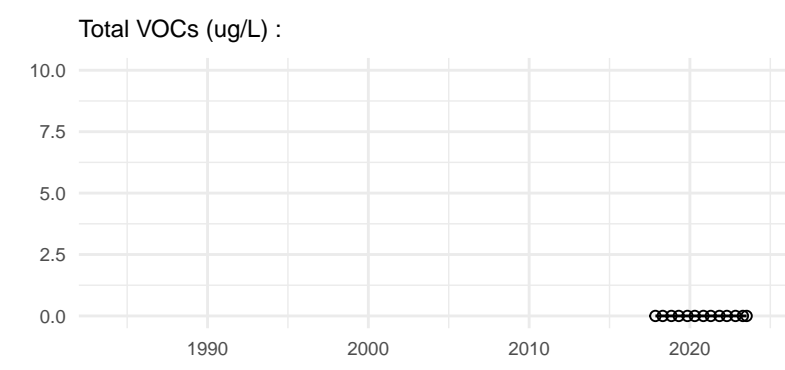
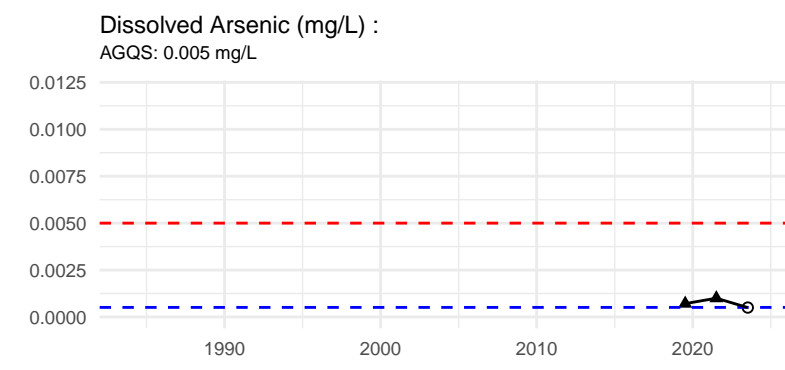
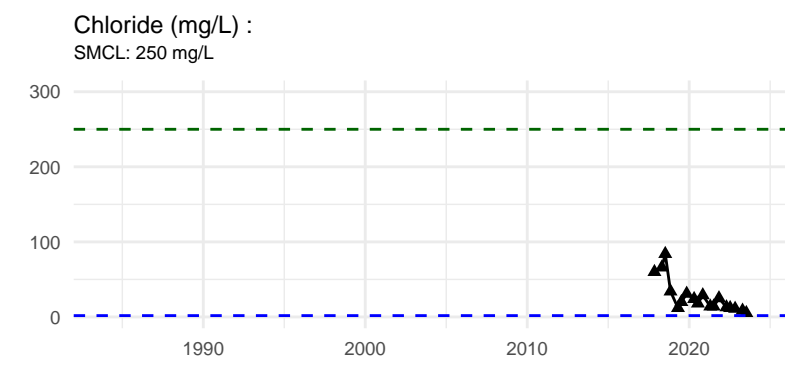
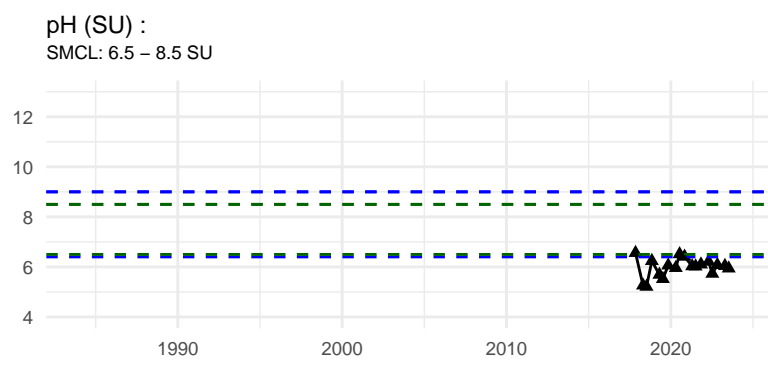
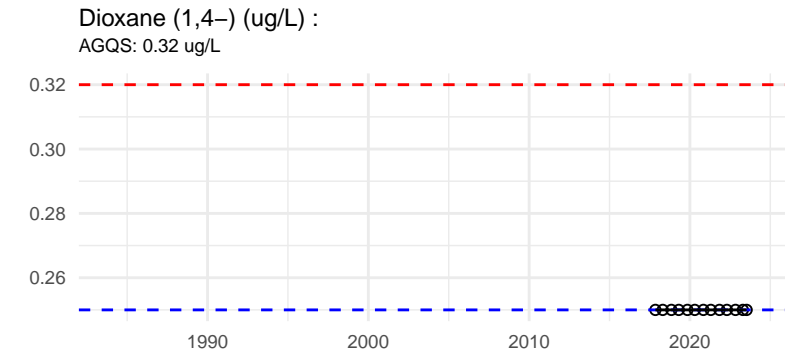
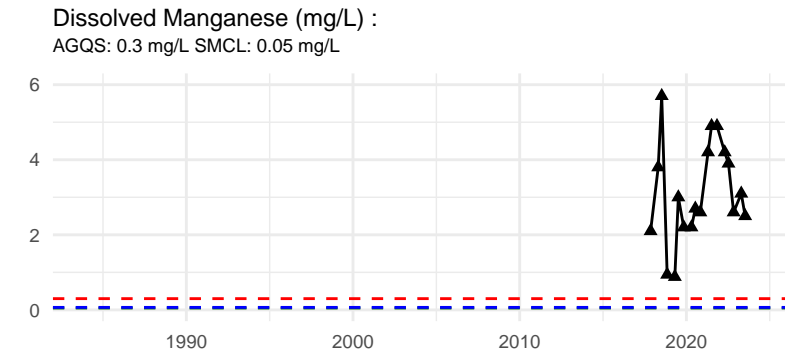
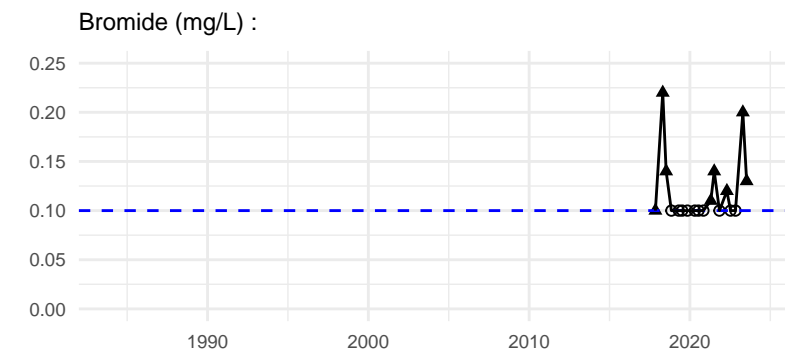
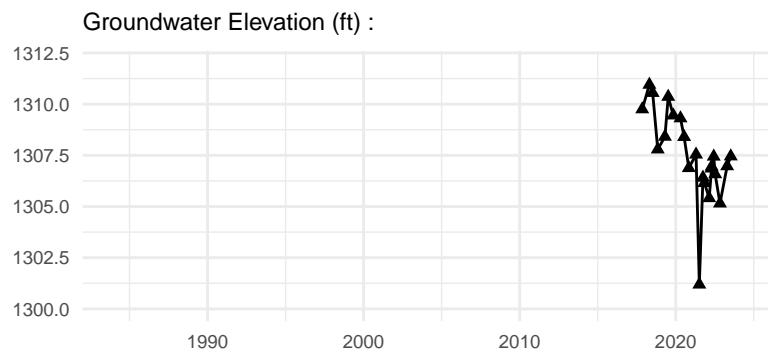
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



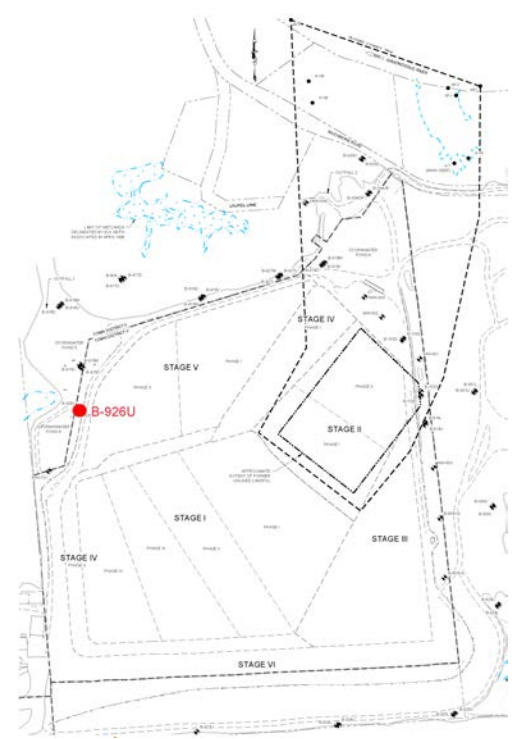
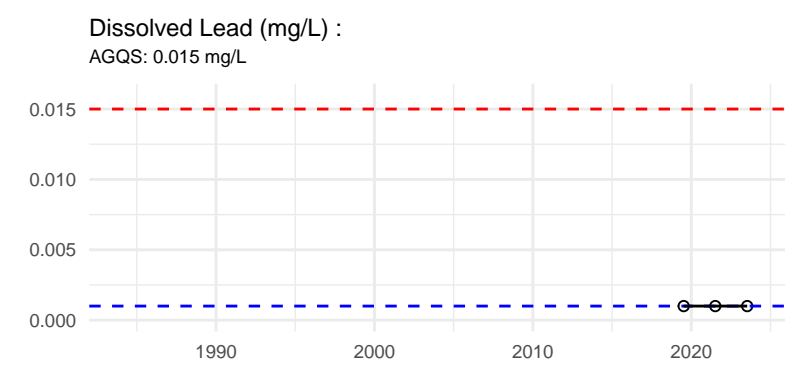
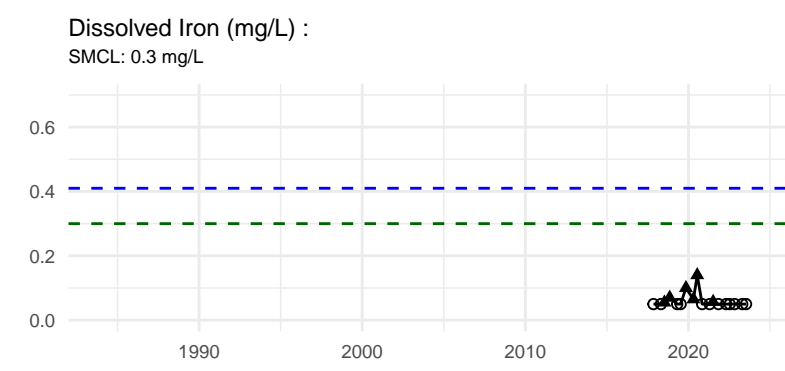
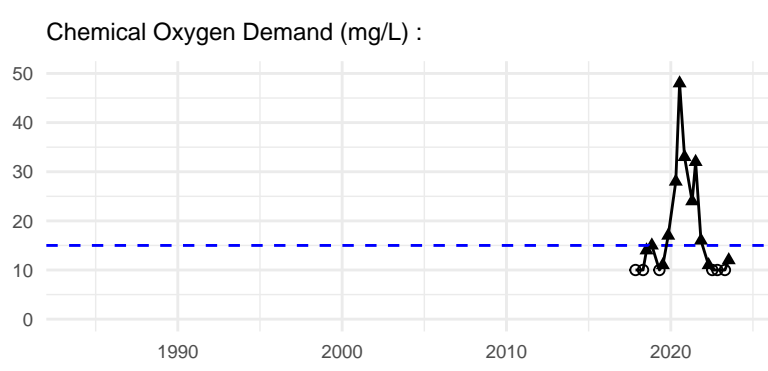
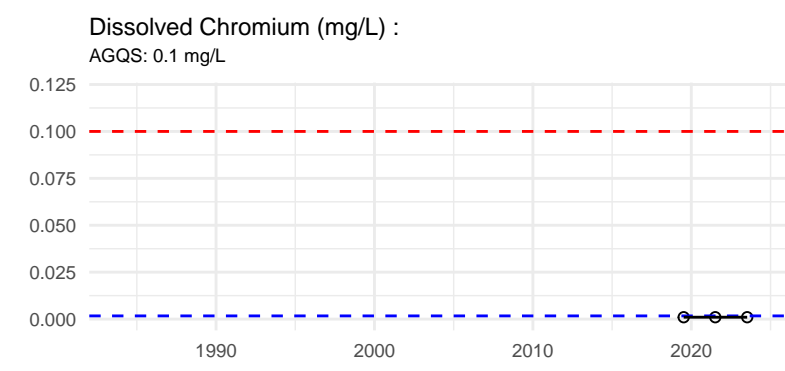
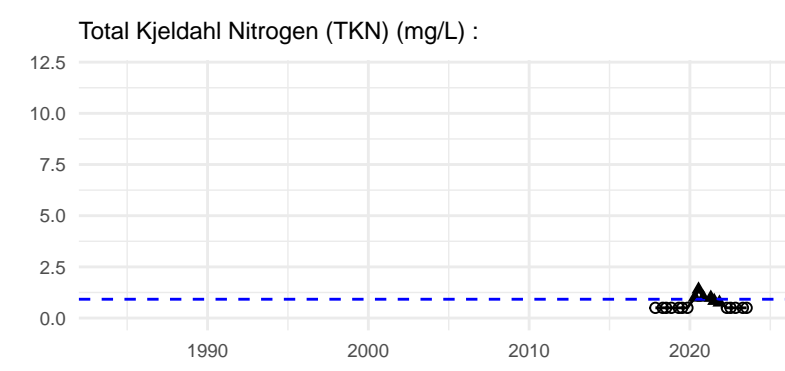
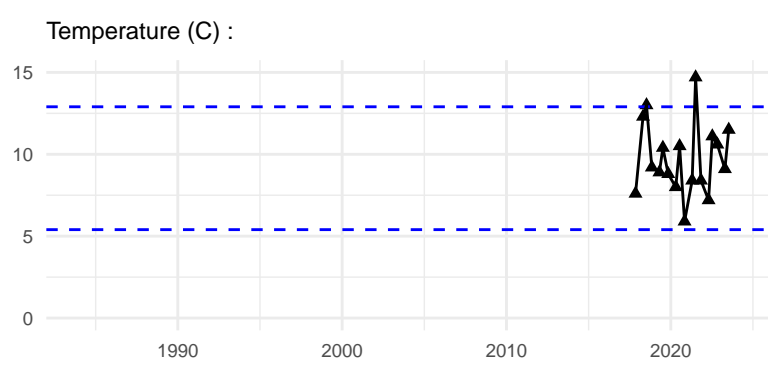


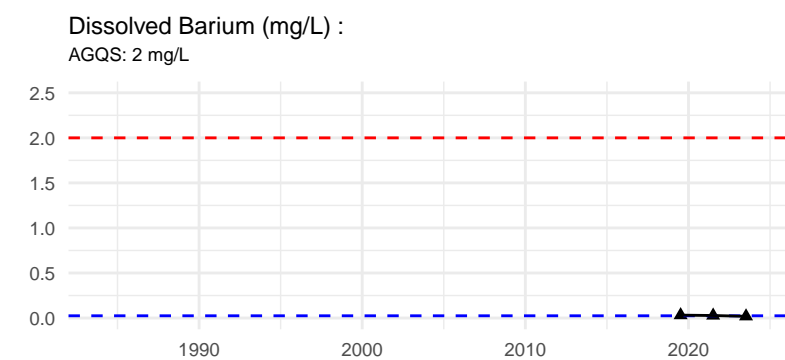
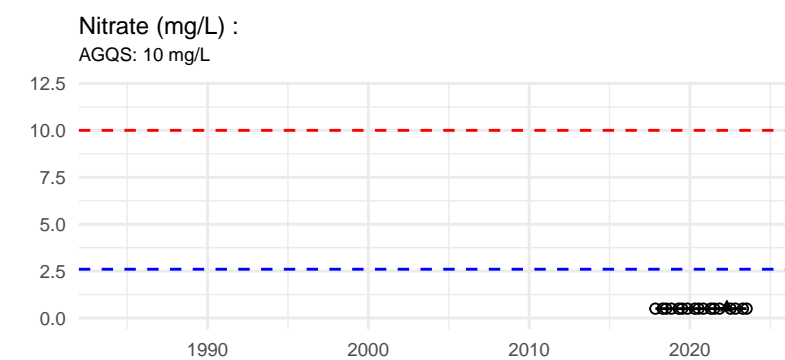
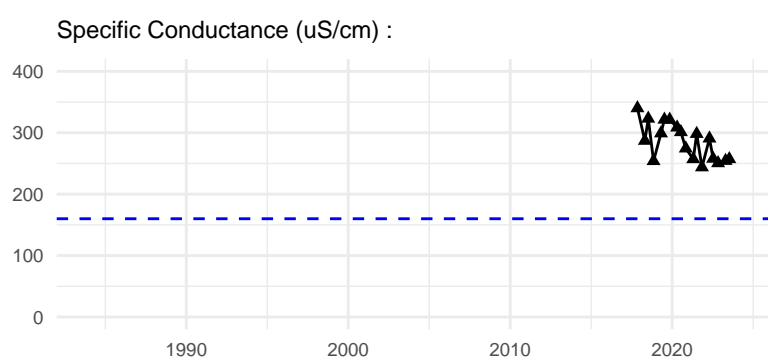
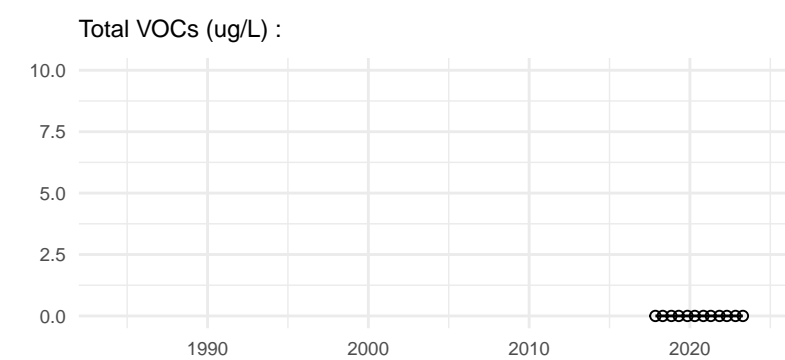
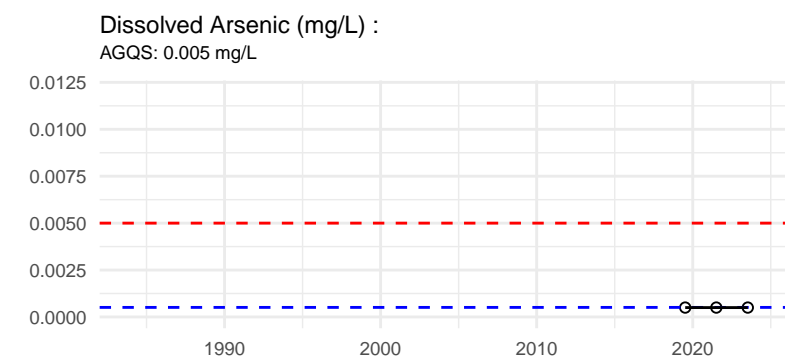
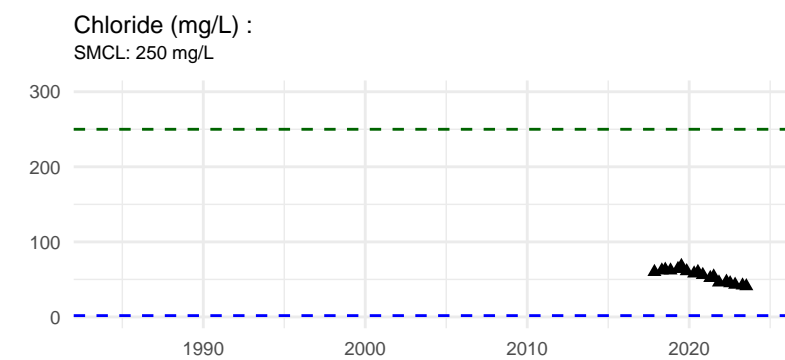
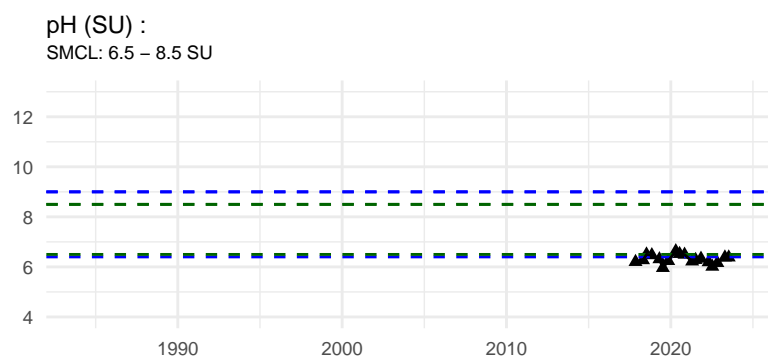
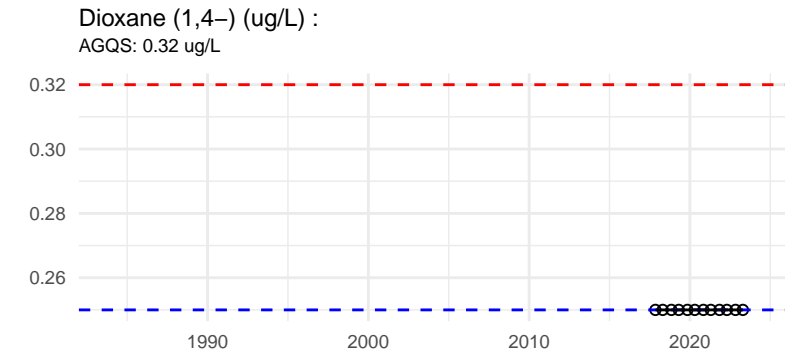
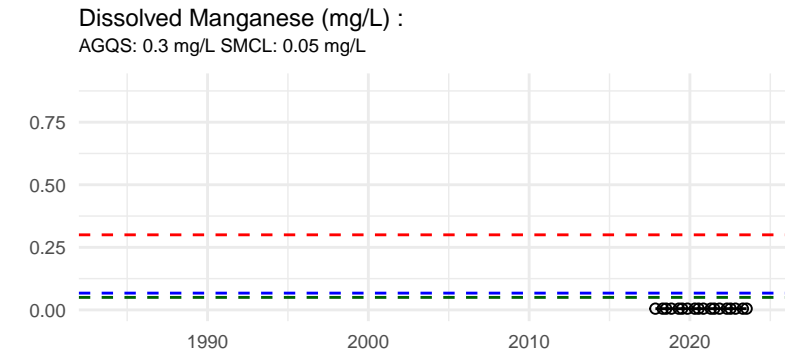
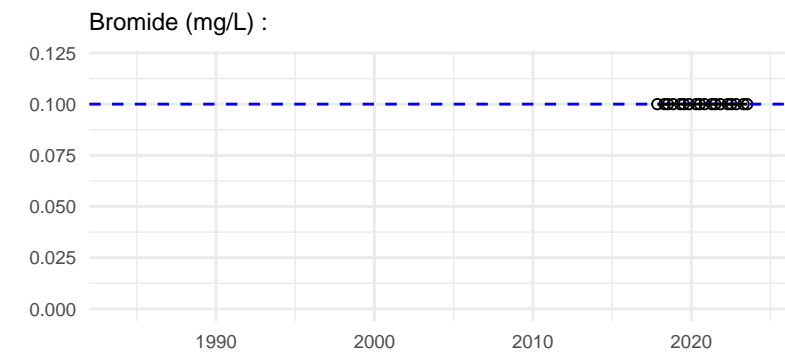
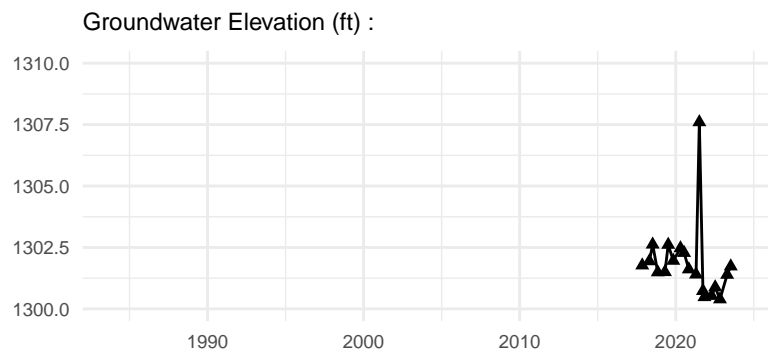
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



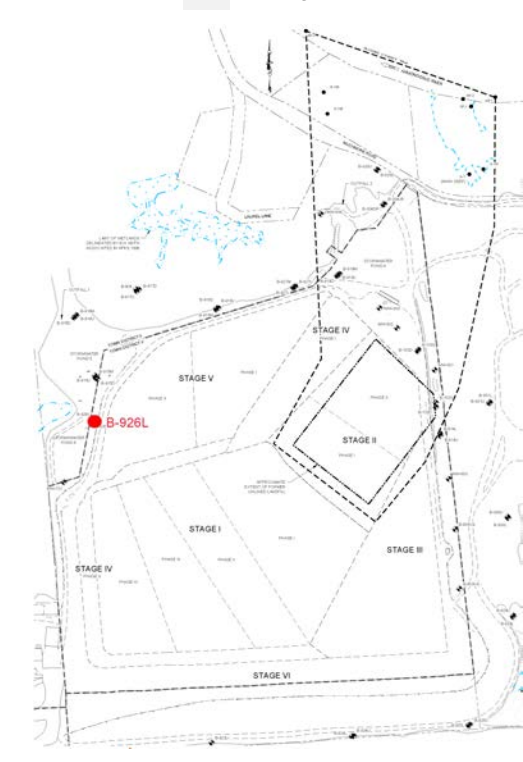
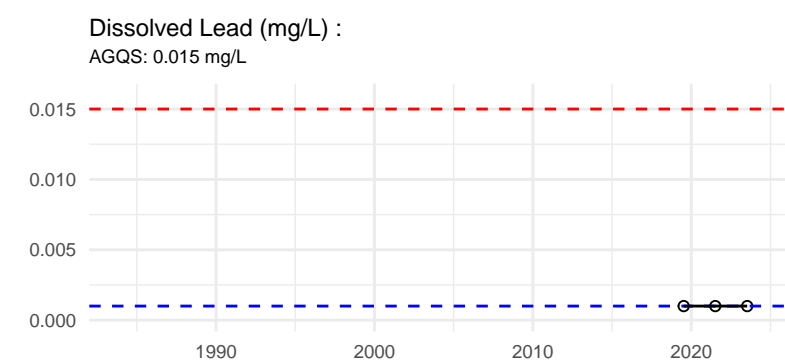
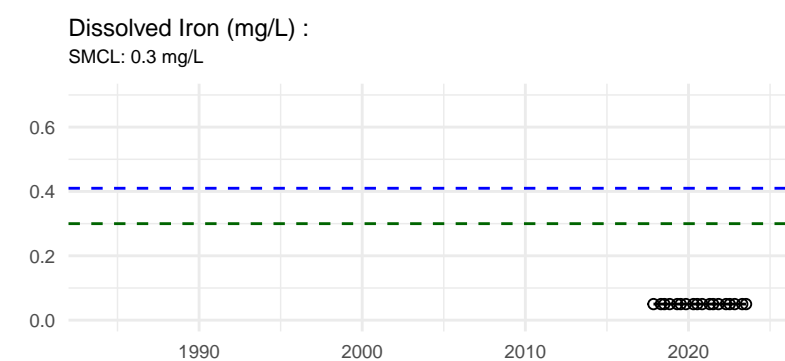
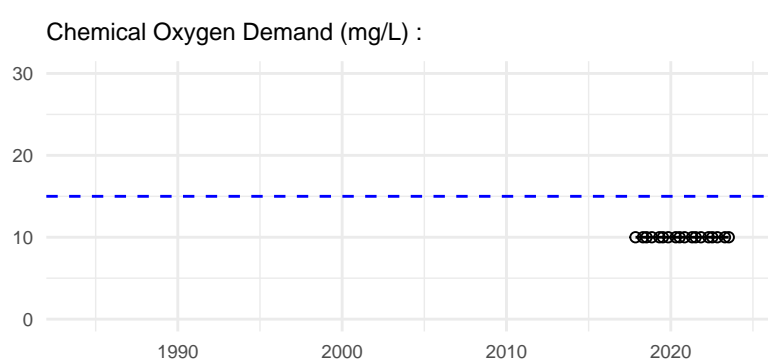
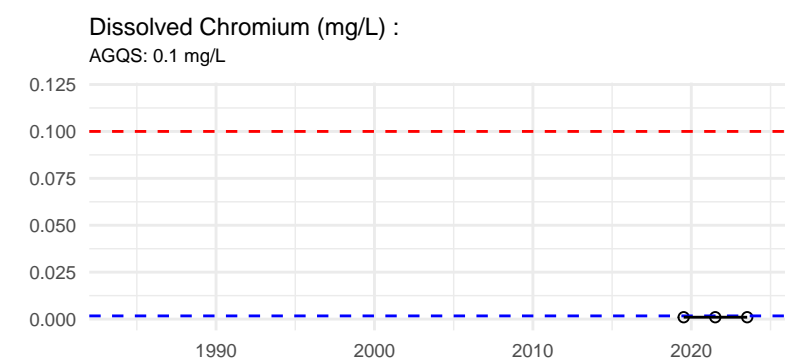
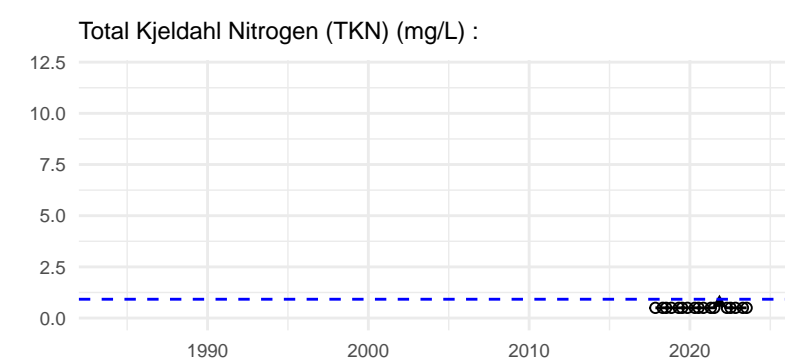
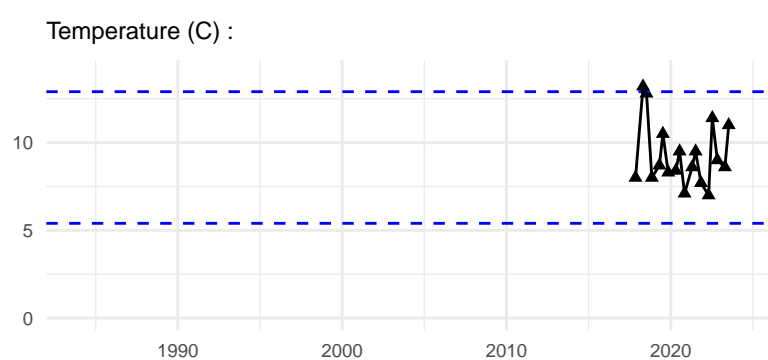


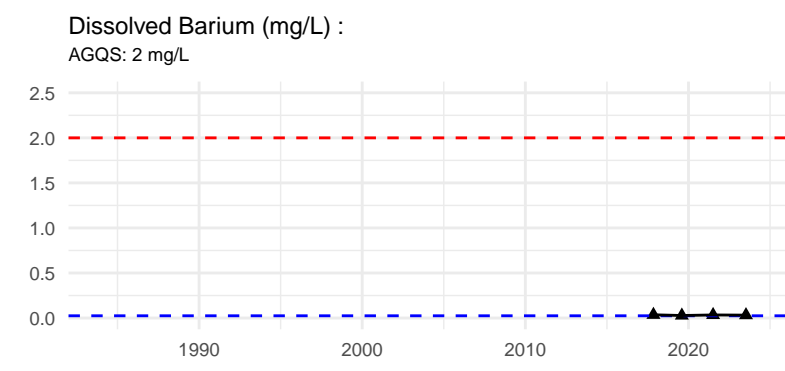
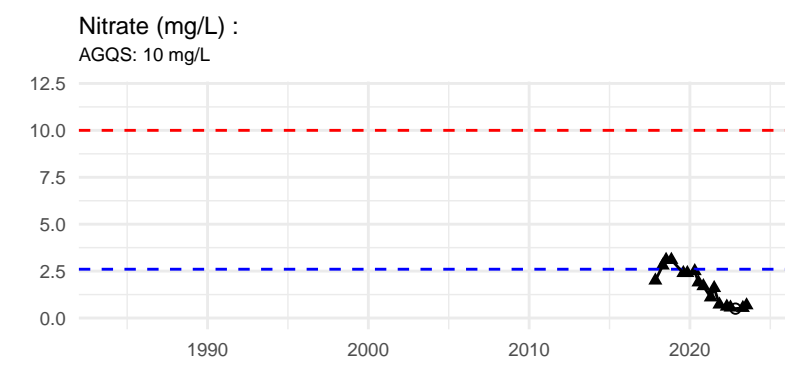
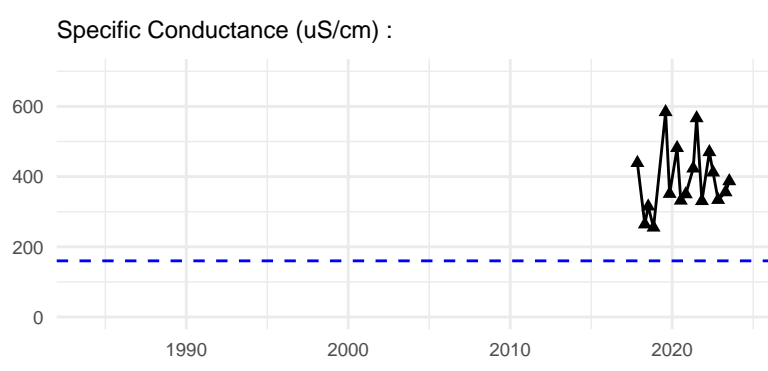
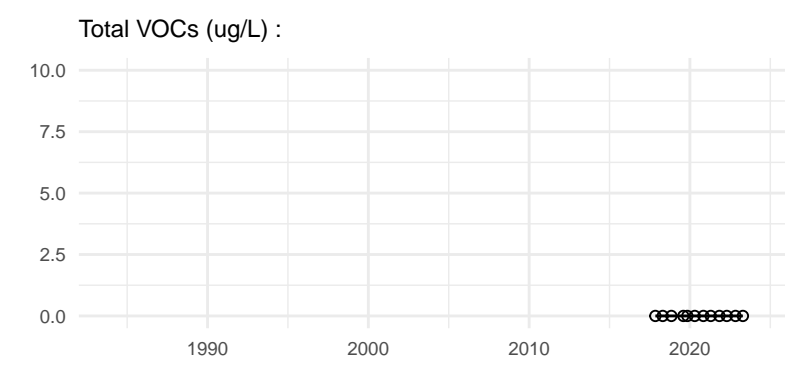
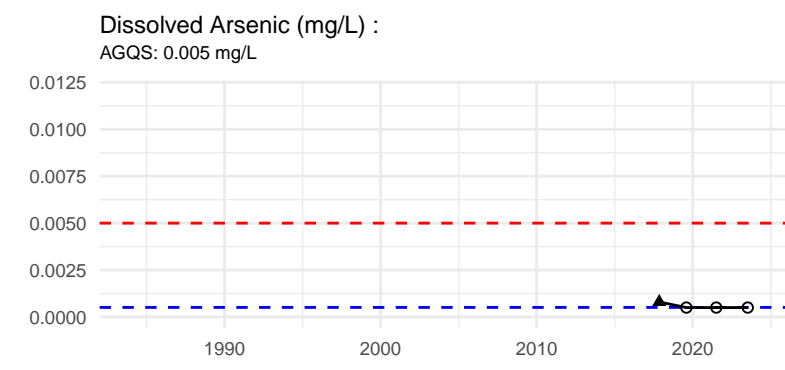
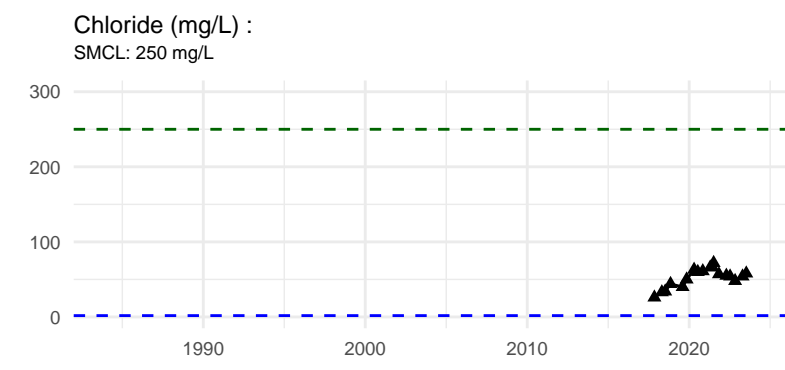
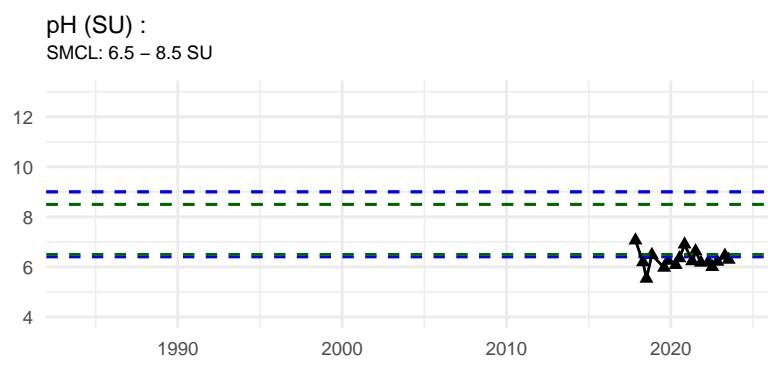
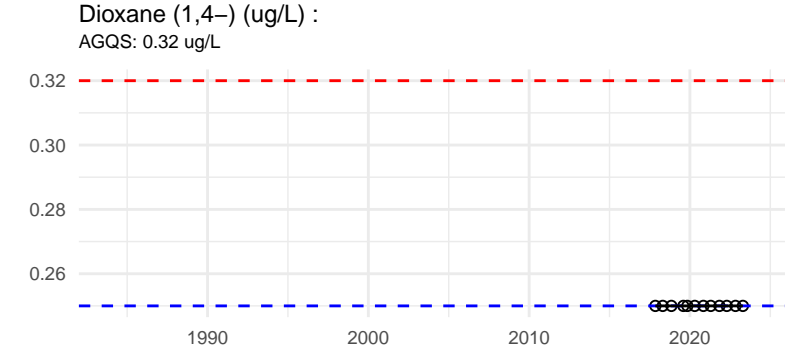
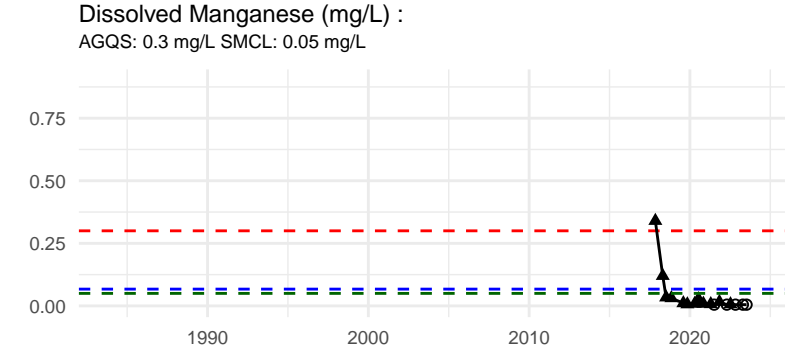
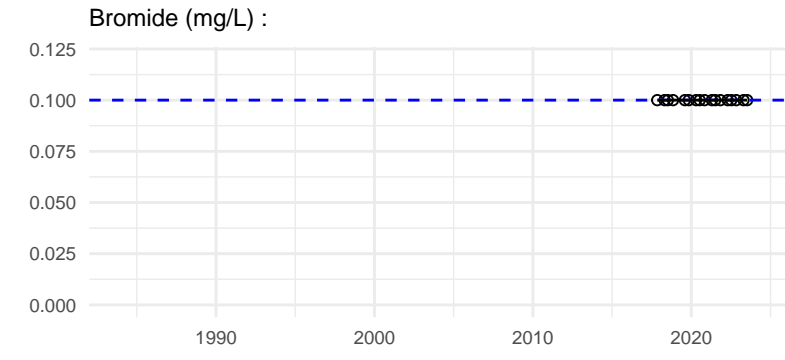
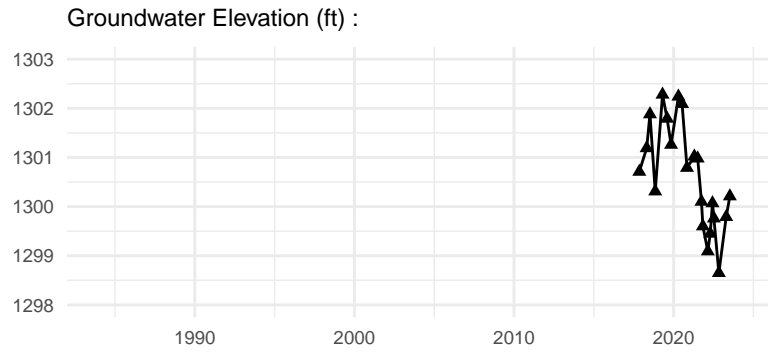
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



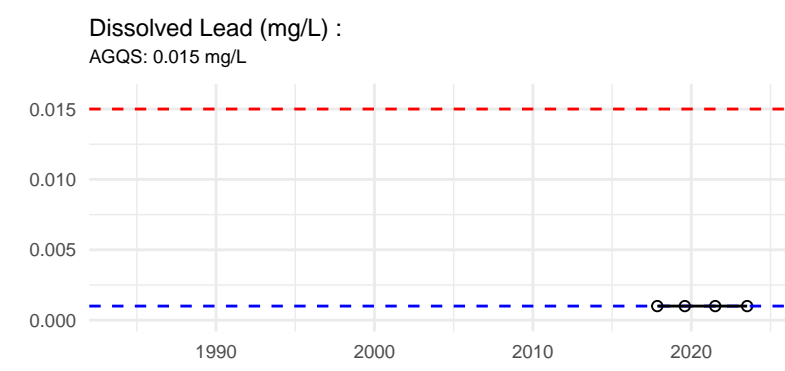
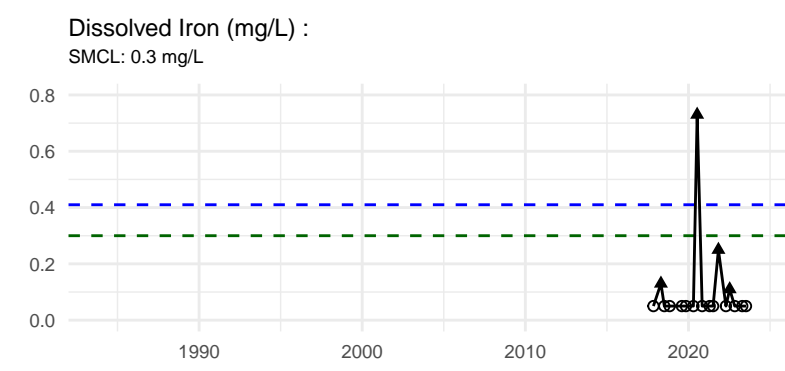
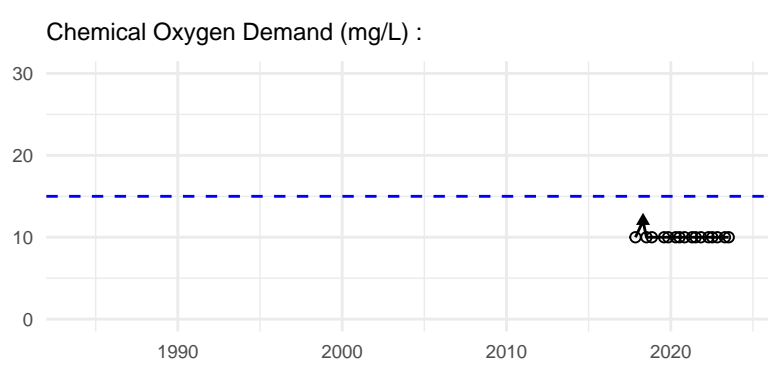
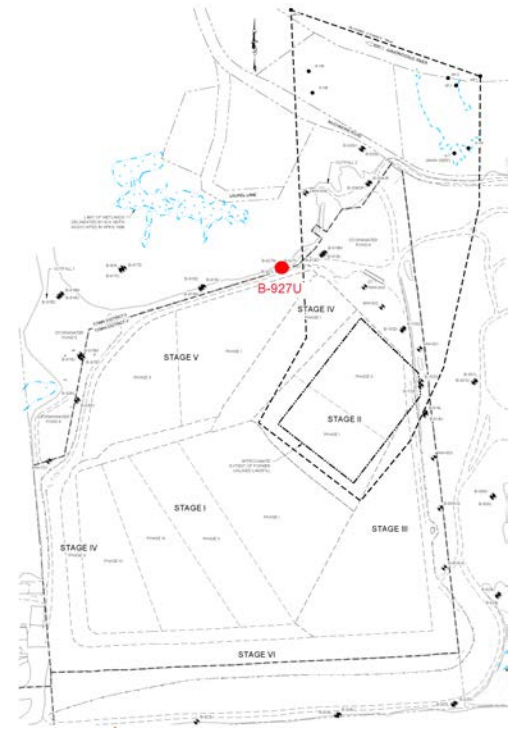
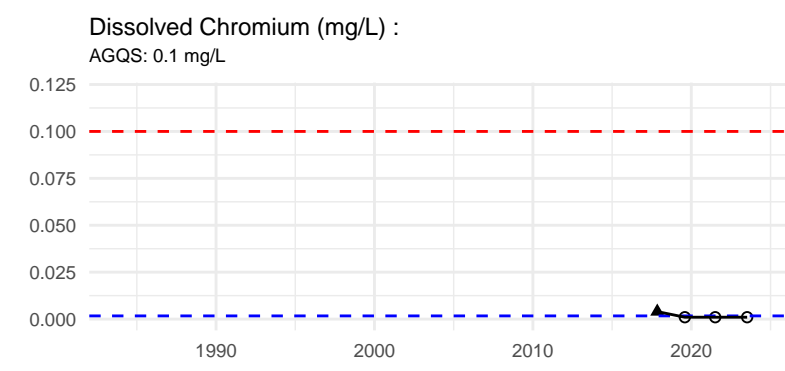
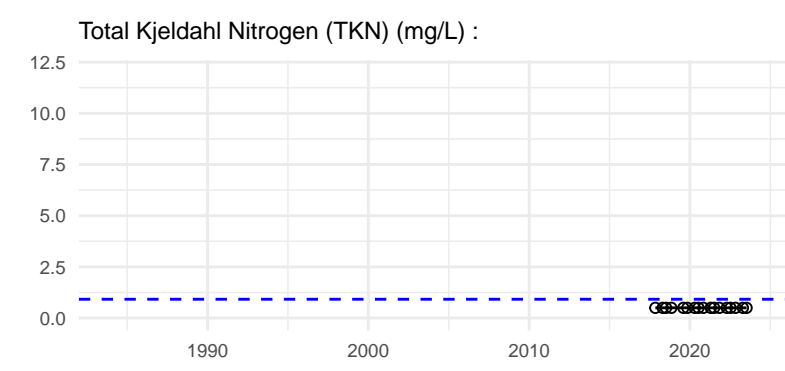
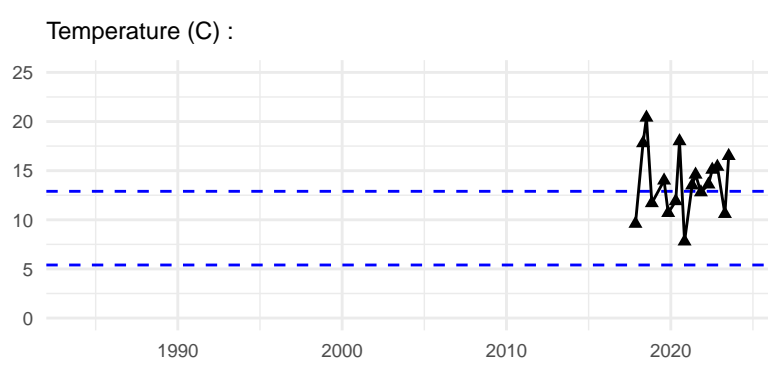


Result

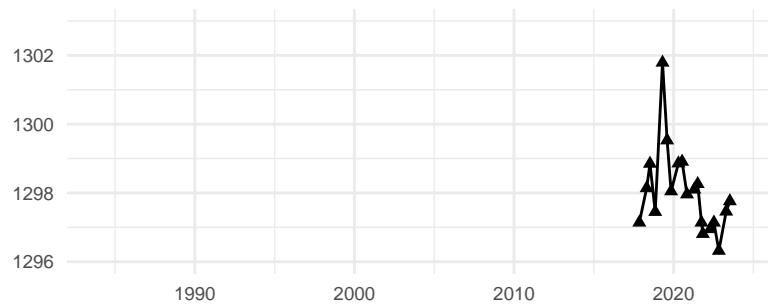
- ▲ Detect
- Non-Detect

Standard

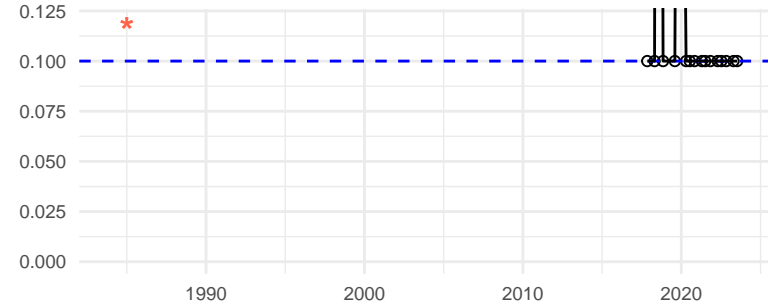
- - - AGQS
- - - SMCL
- - - Background



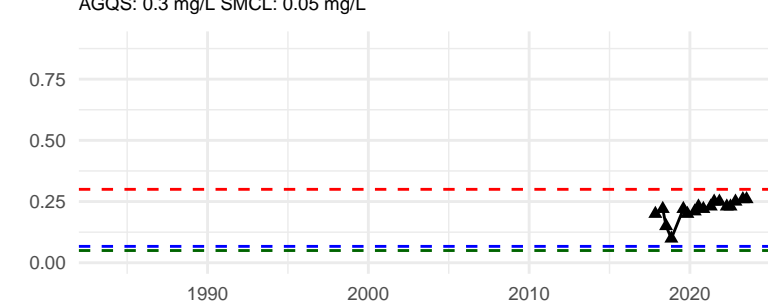
Groundwater Elevation (ft) :



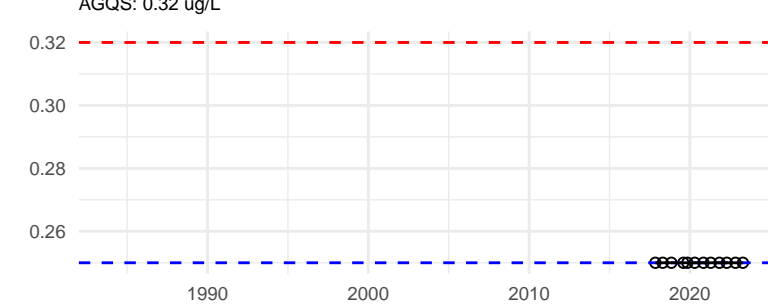
Bromide (mg/L) :



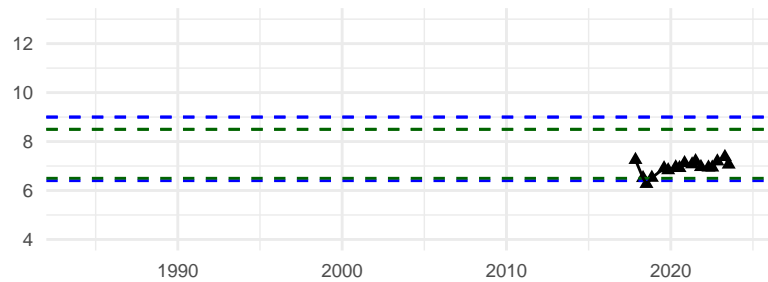
Dissolved Manganese (mg/L) :



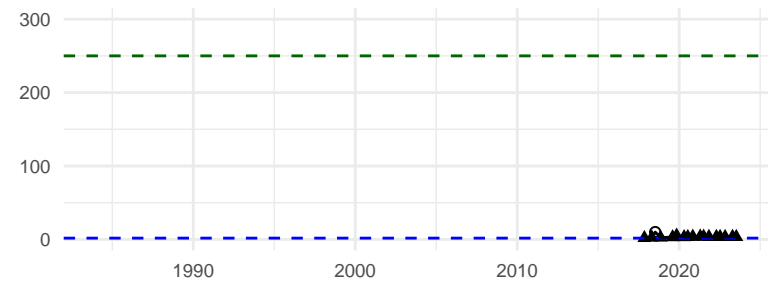
Dioxane (1,4-) (ug/L) :



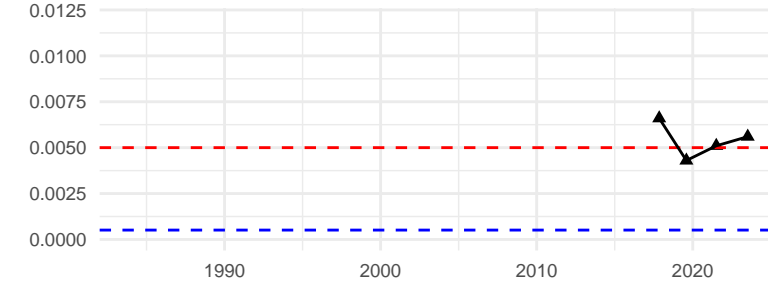
pH (SU) :
SMCL: 6.5 - 8.5 SU



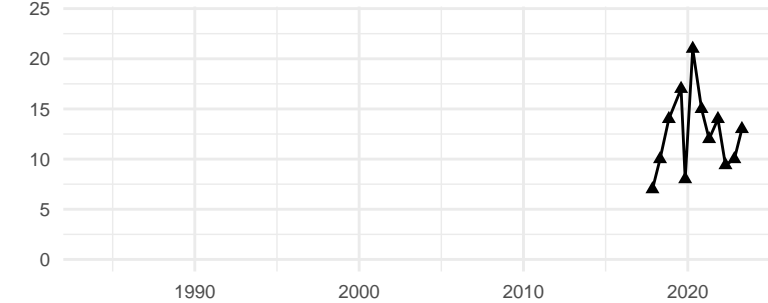
Chloride (mg/L) :
SMCL: 250 mg/L



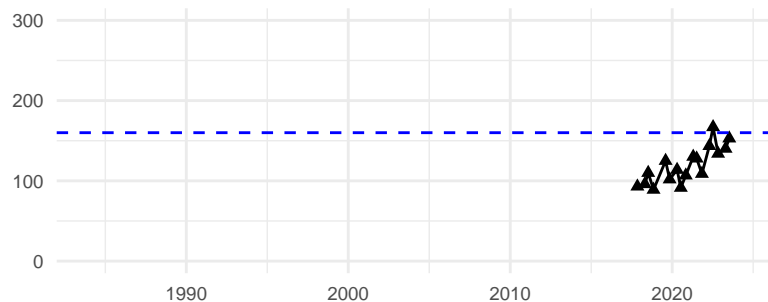
Dissolved Arsenic (mg/L) :
AGQS: 0.005 mg/L



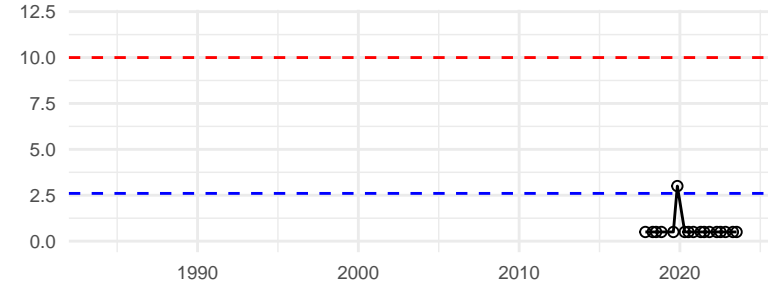
Total VOCs (ug/L) :



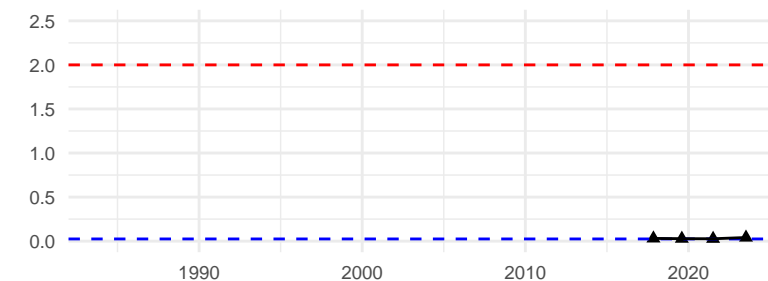
Specific Conductance (uS/cm) :



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



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



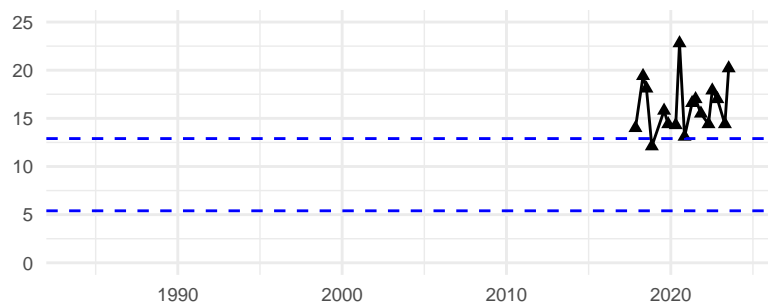
Result

- ▲ Detect
- Non-Detect

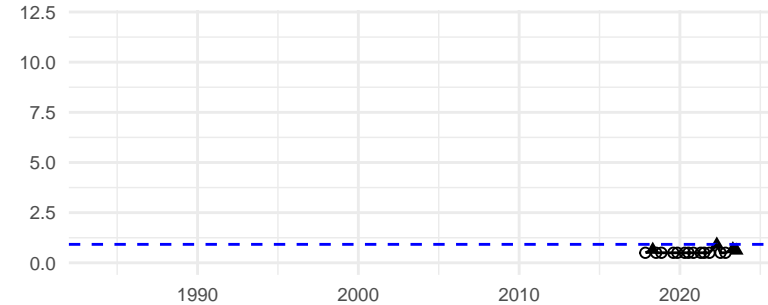
Standard

- - - AGQS
- - - SMCL
- - - Background

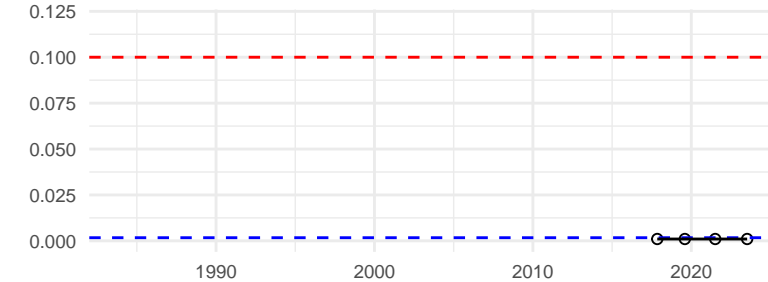
Temperature (C) :



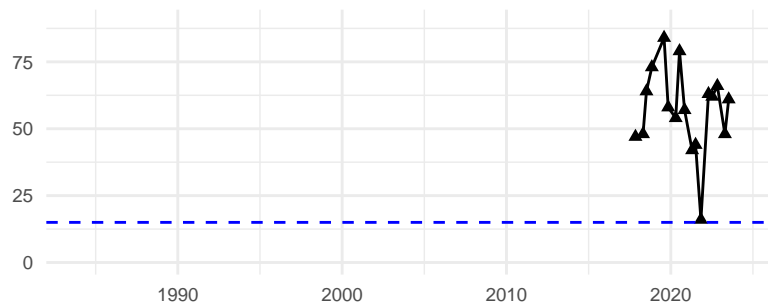
Total Kjeldahl Nitrogen (TKN) (mg/L) :



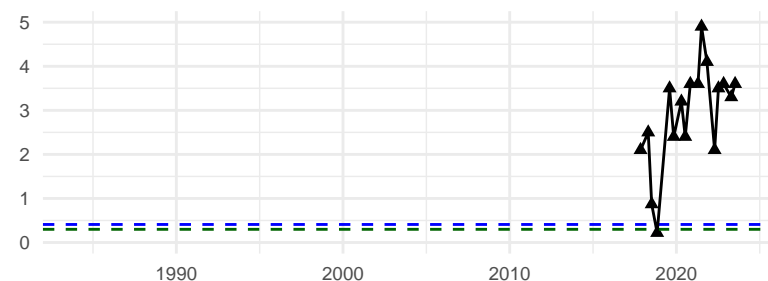
Dissolved Chromium (mg/L) :
AGQS: 0.1 mg/L



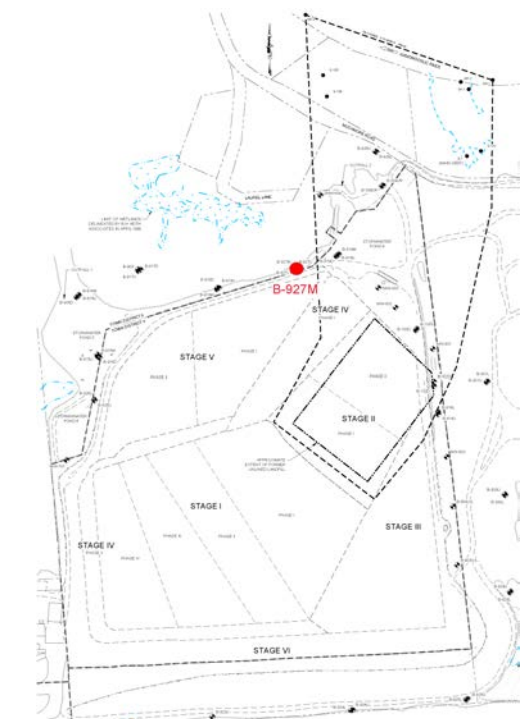
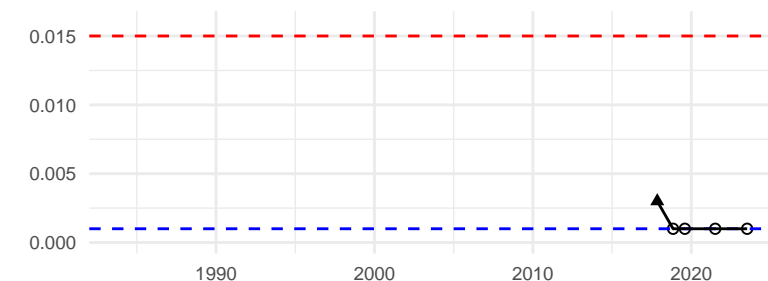
Chemical Oxygen Demand (mg/L) :

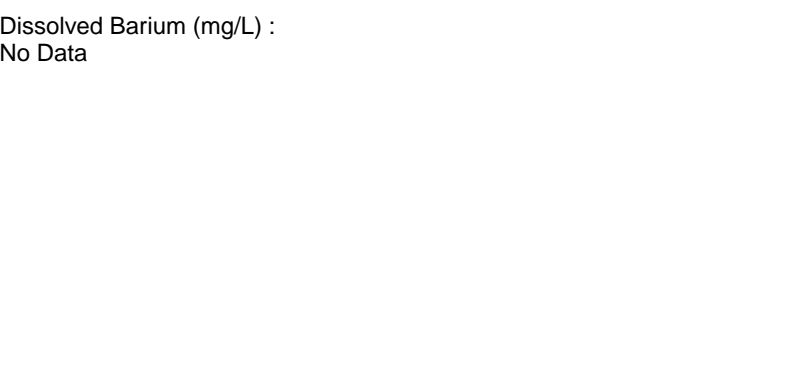
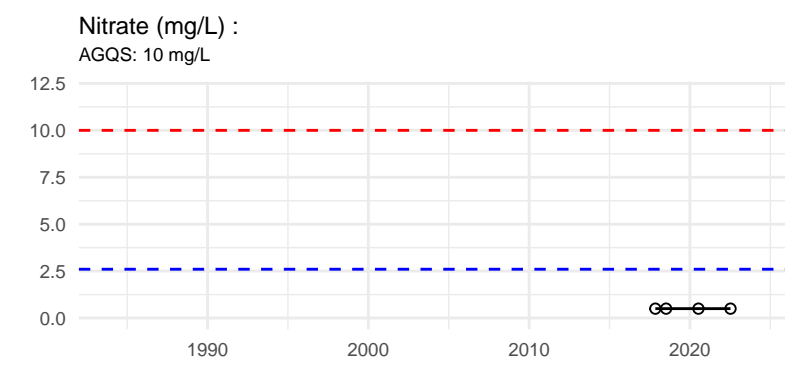
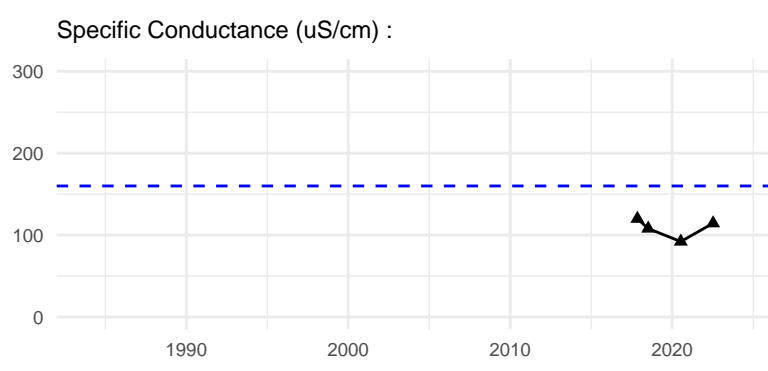
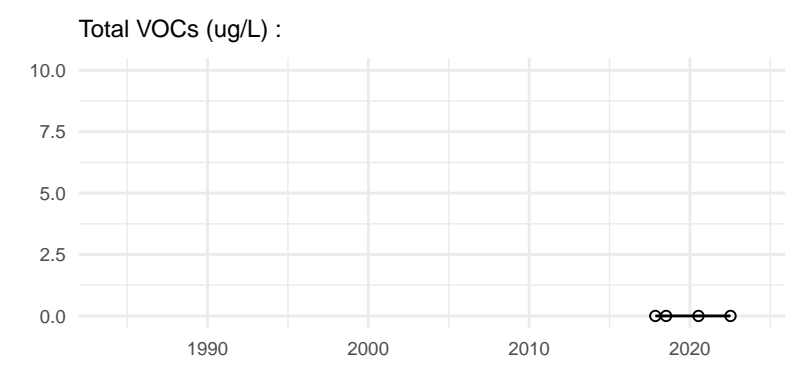
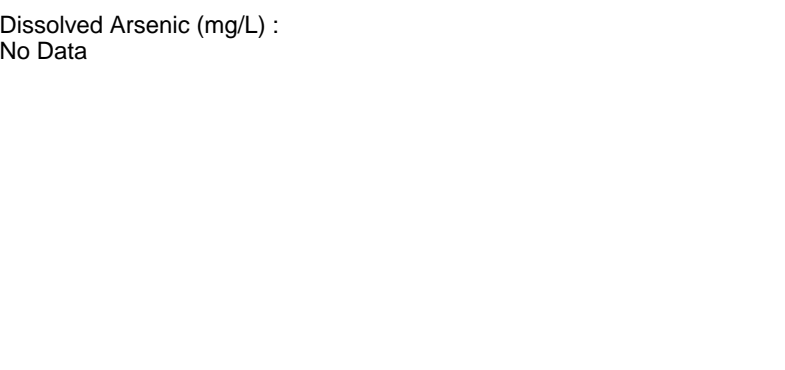
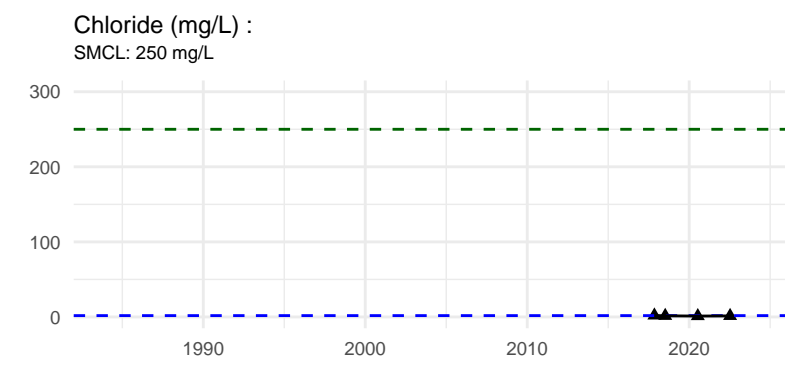
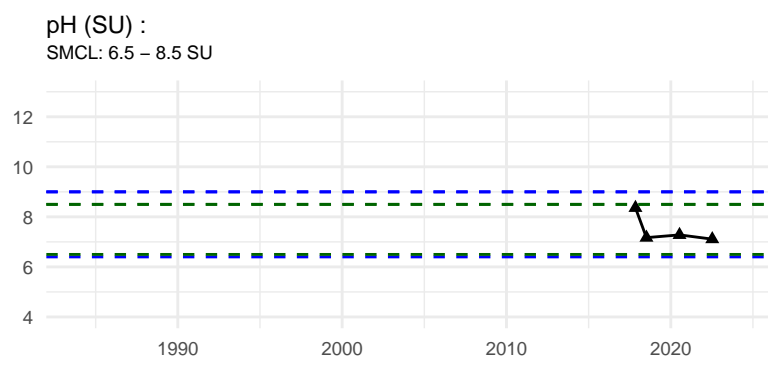
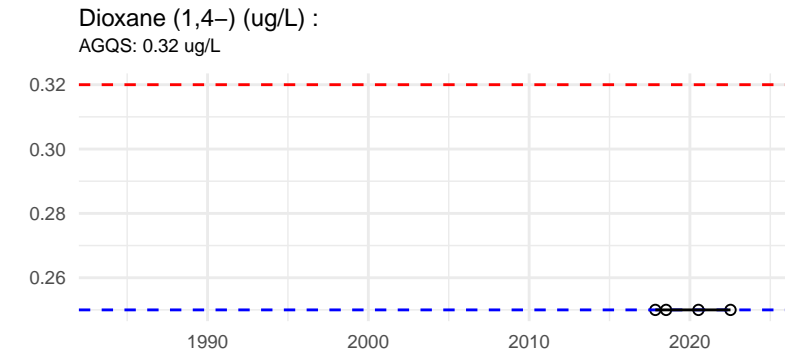
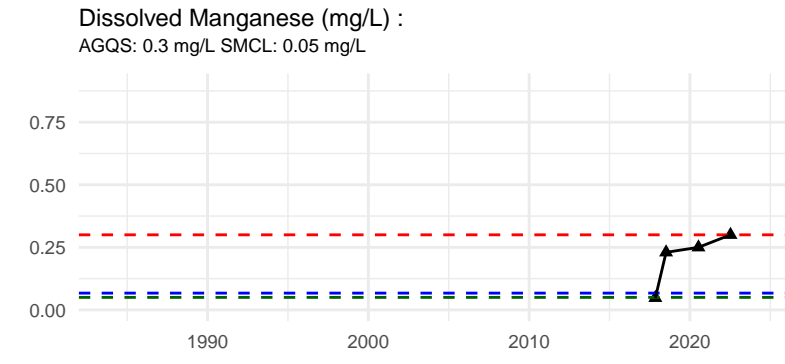
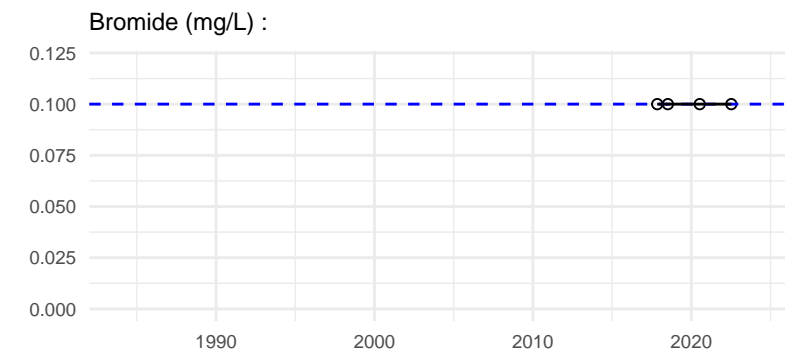
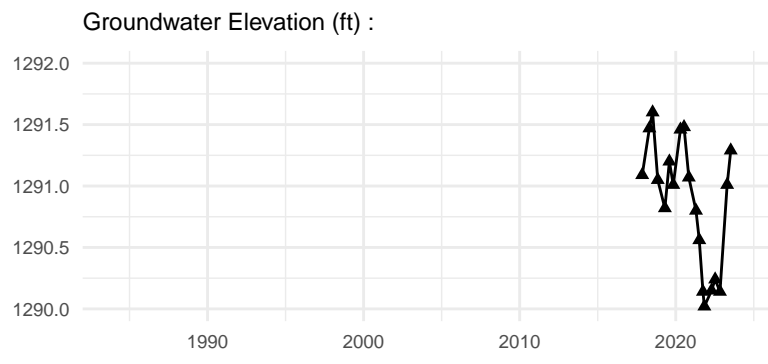


Dissolved Iron (mg/L) :
SMCL: 0.3 mg/L



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



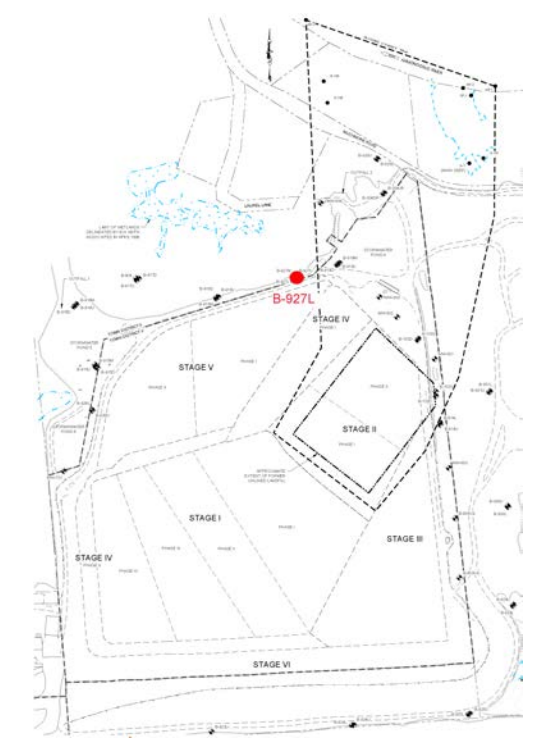
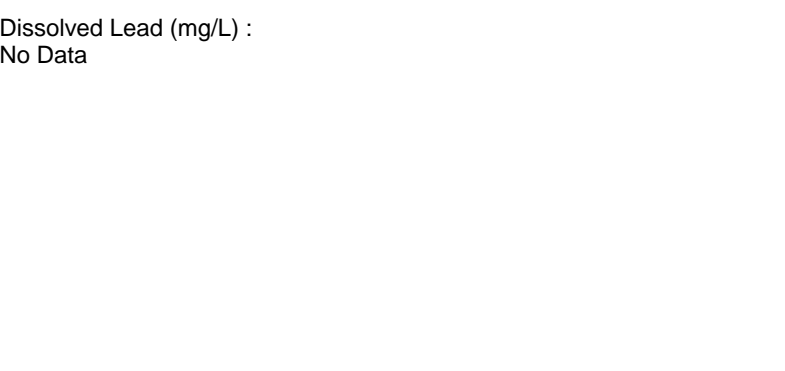
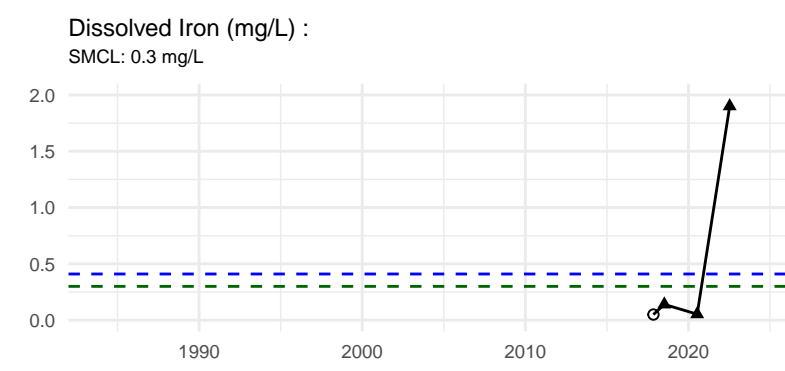
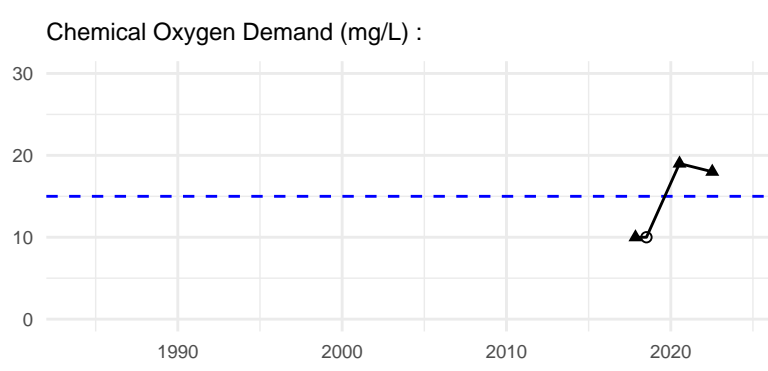
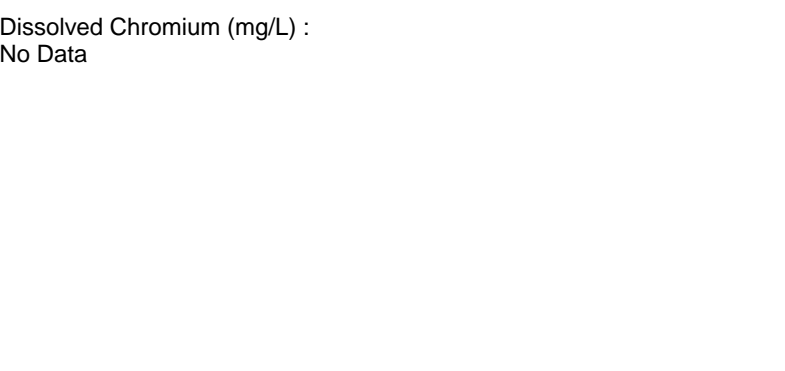
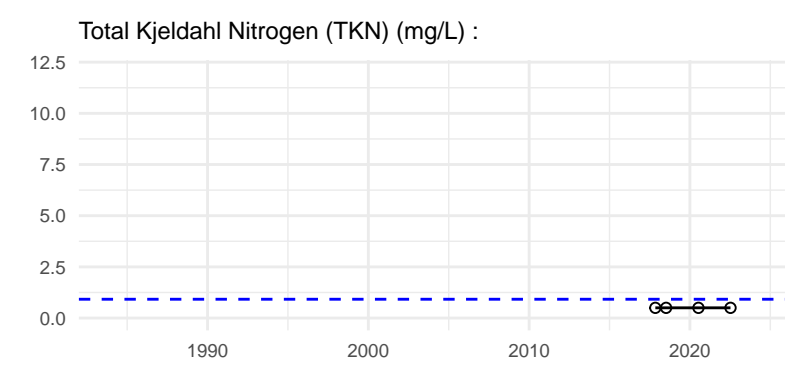
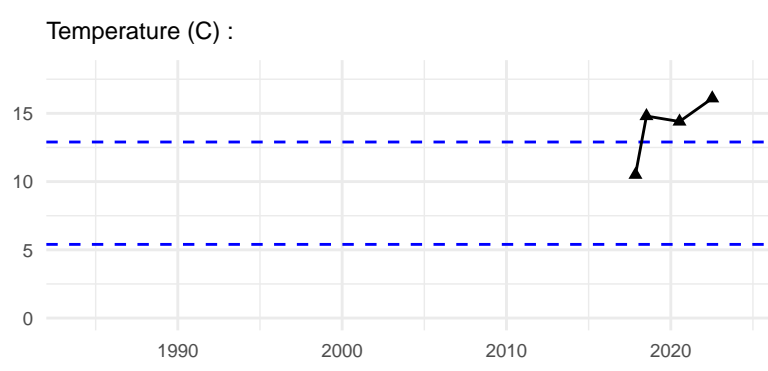


Result

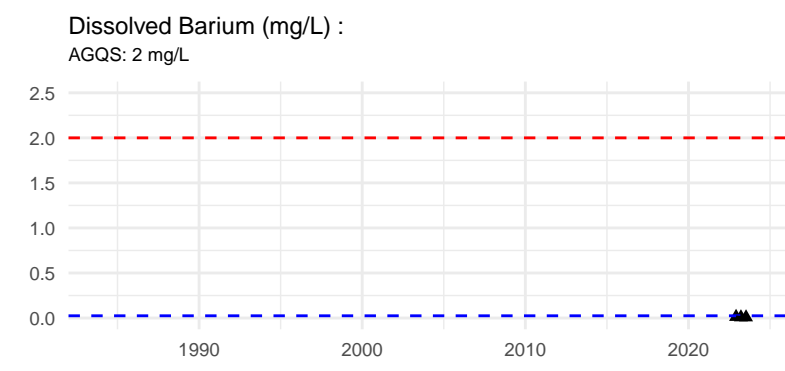
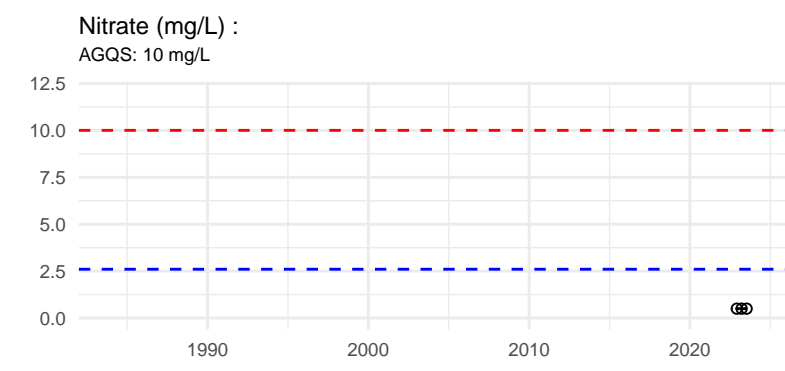
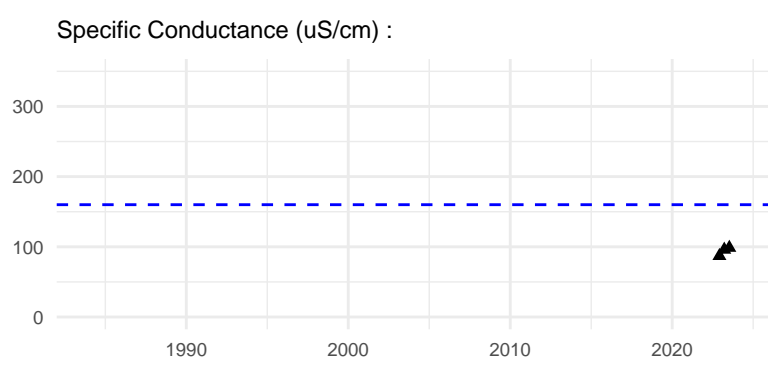
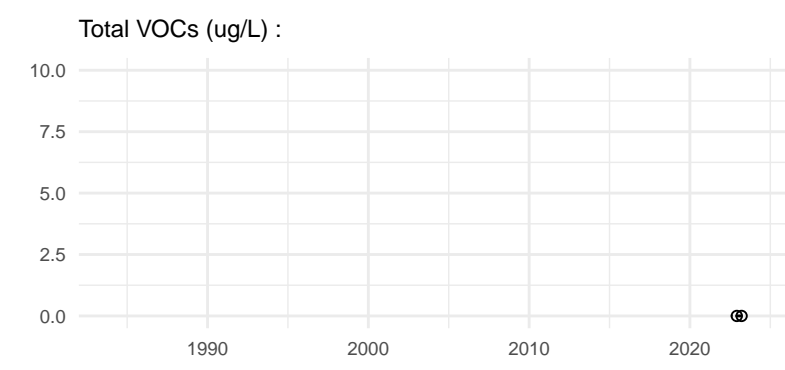
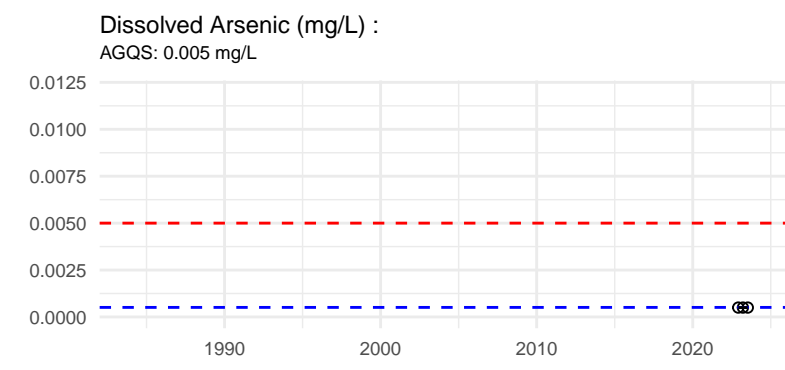
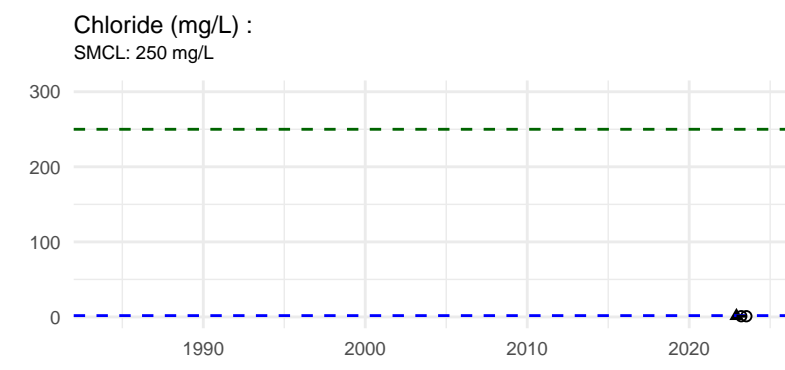
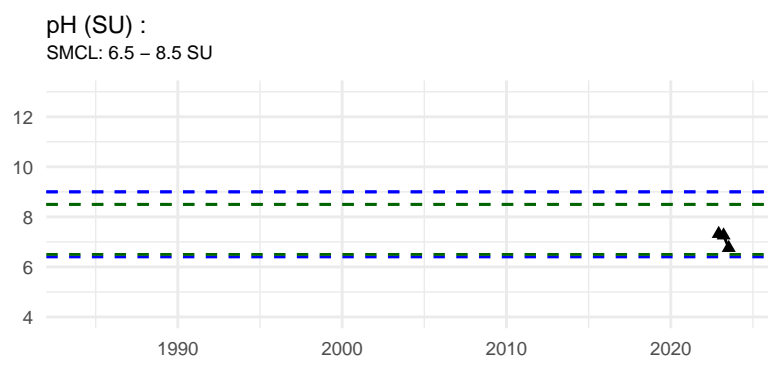
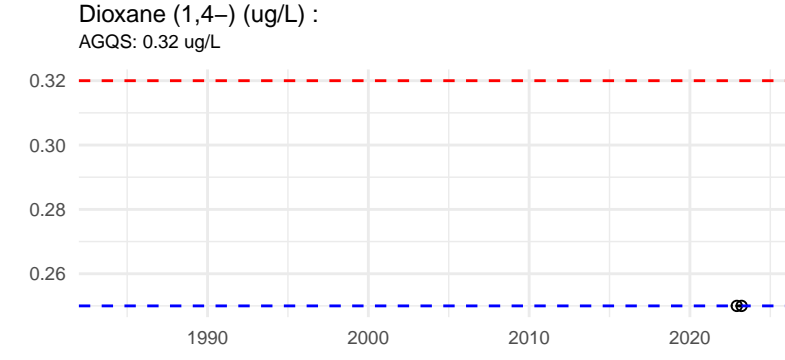
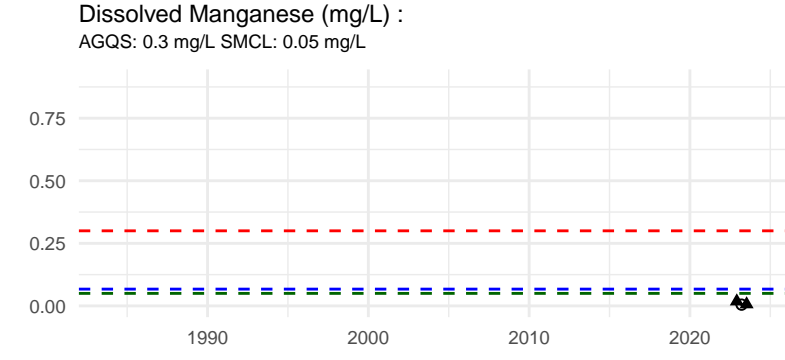
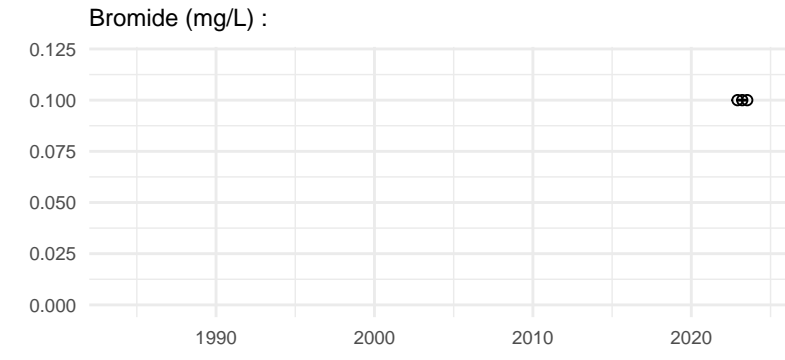
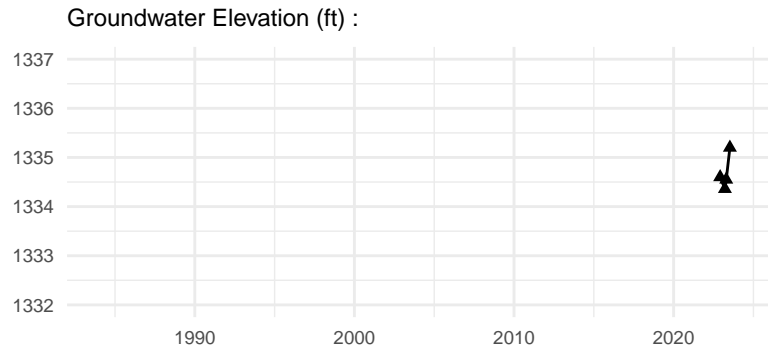
- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



B-930U

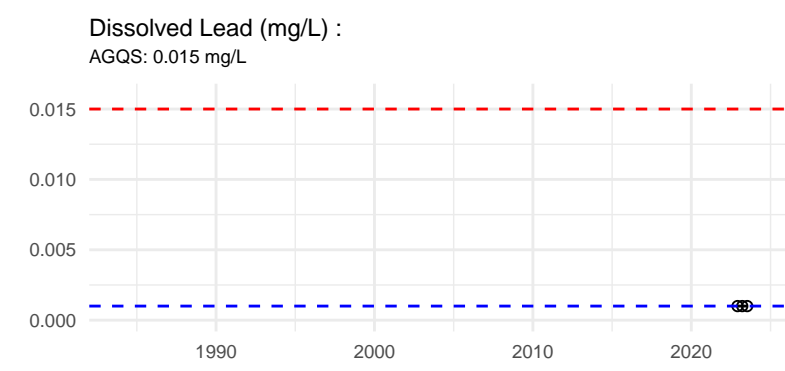
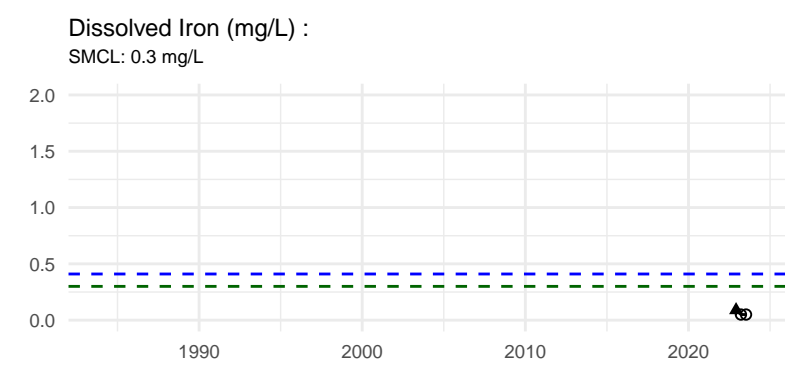
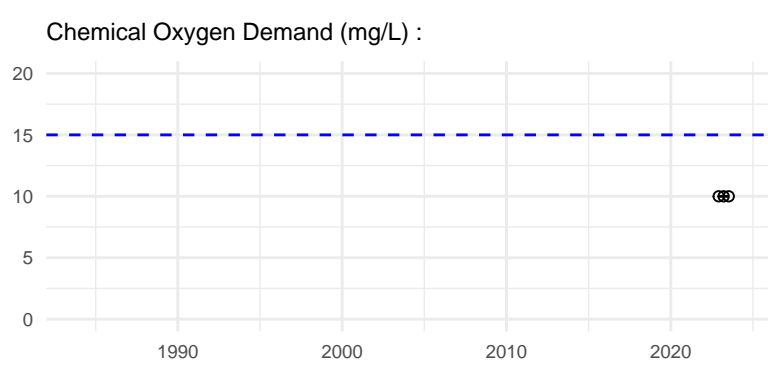
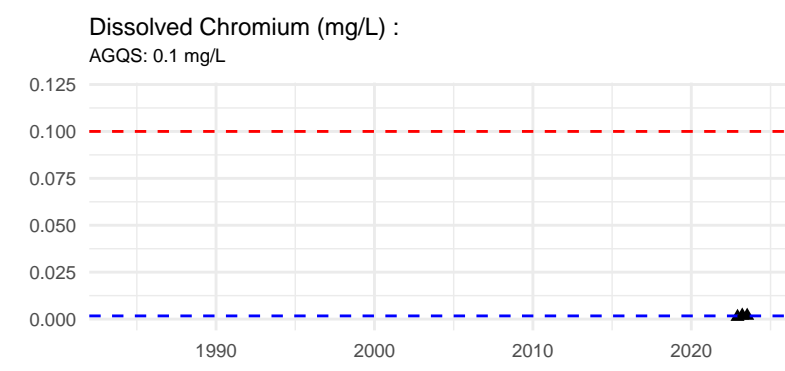
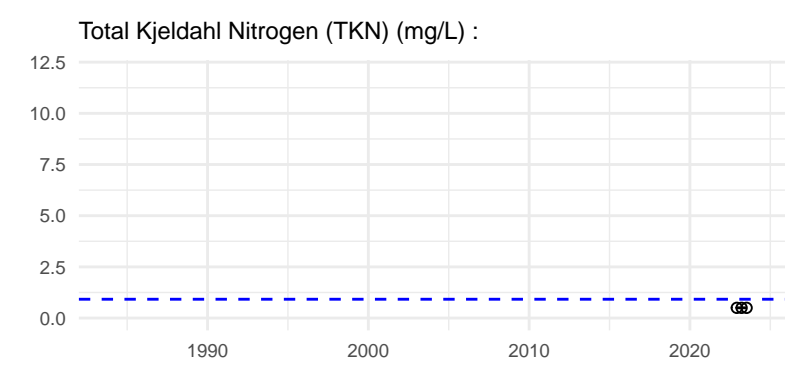
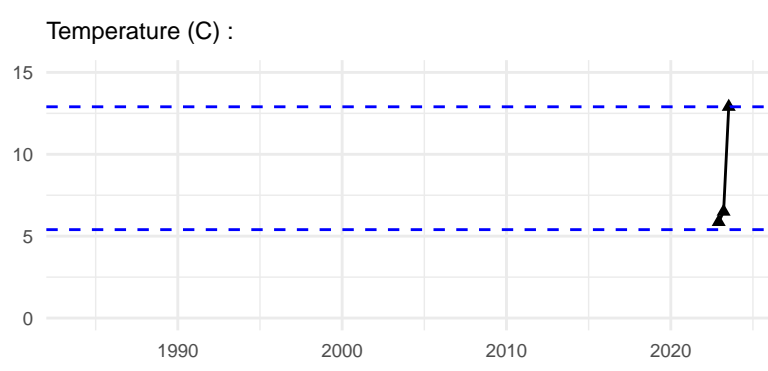


Result

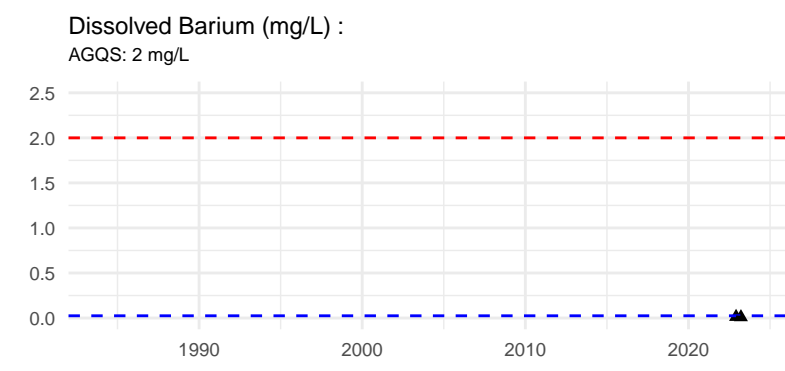
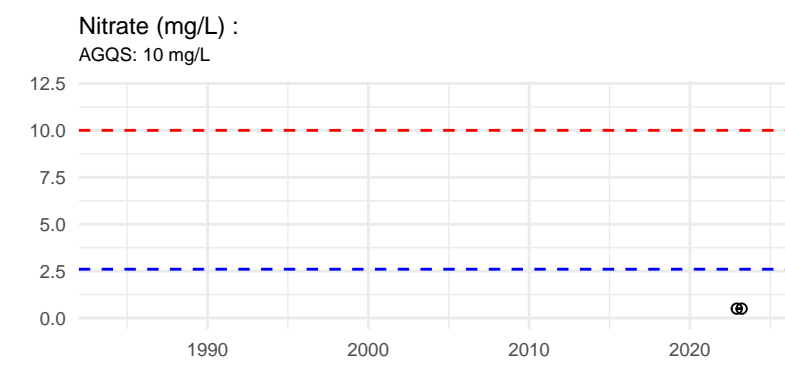
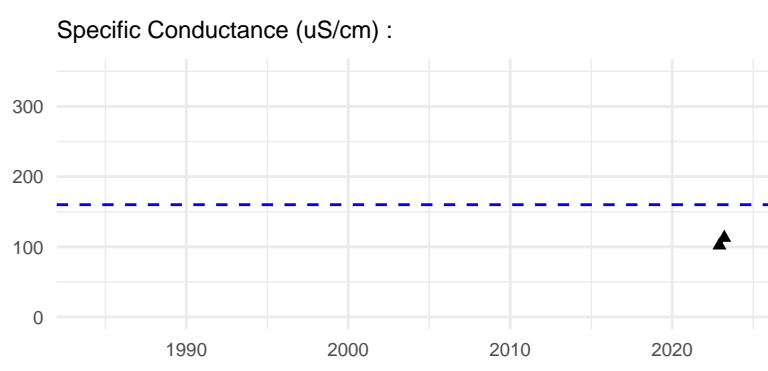
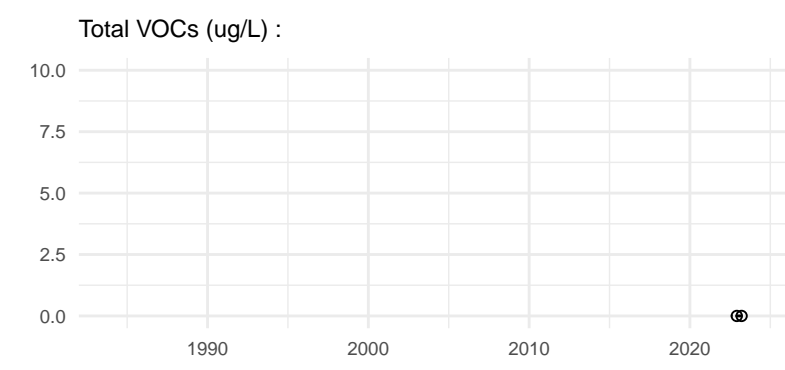
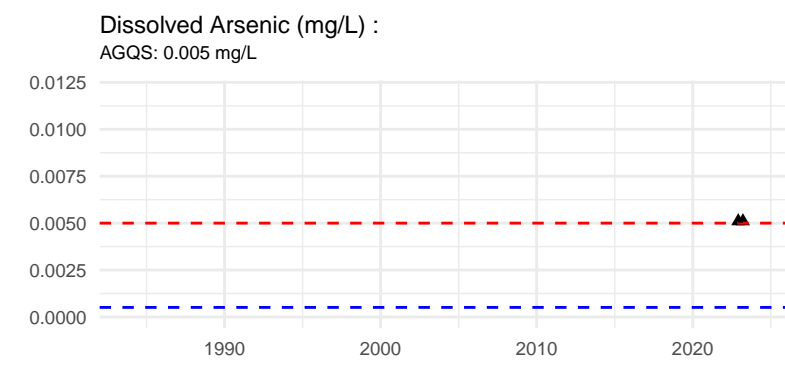
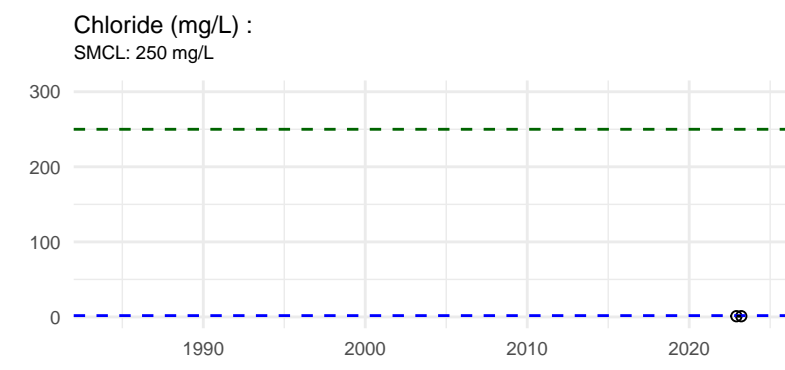
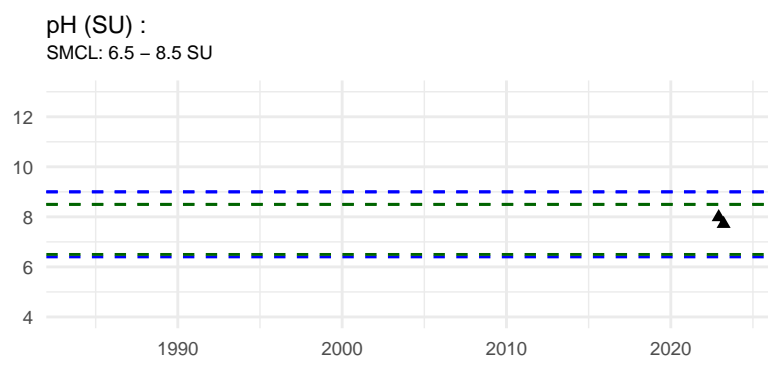
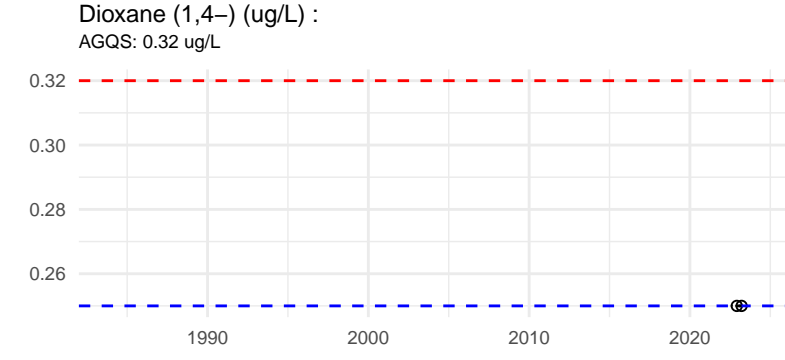
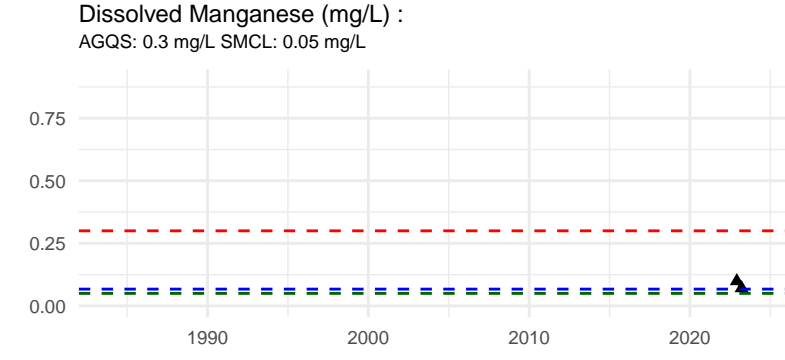
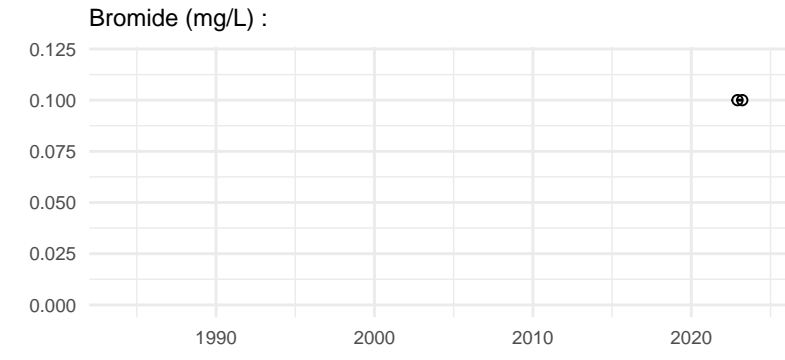
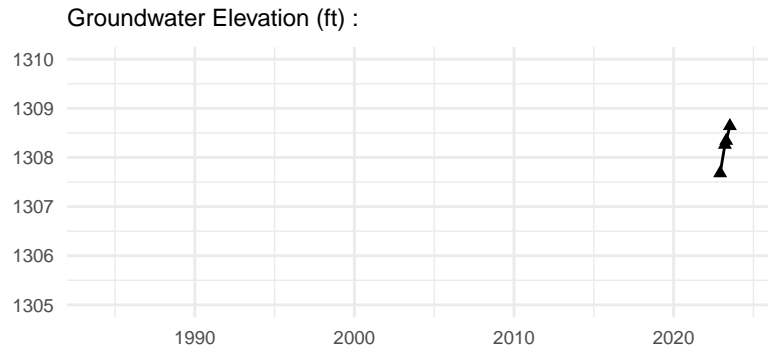
- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



B-930L

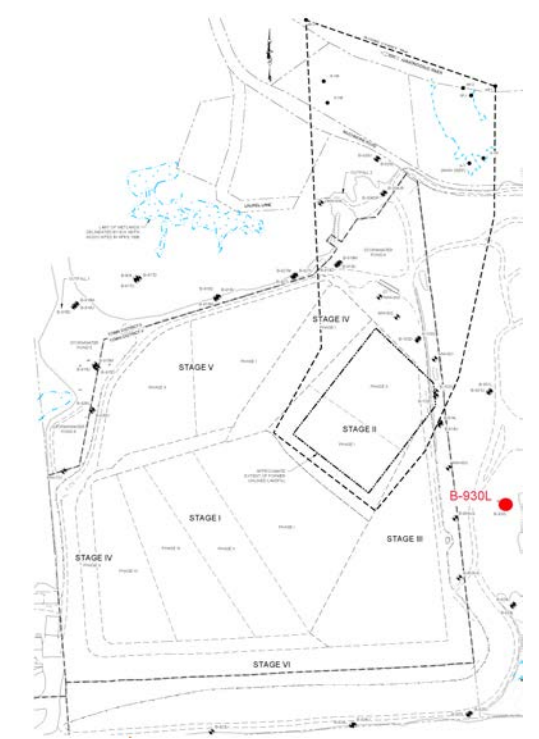
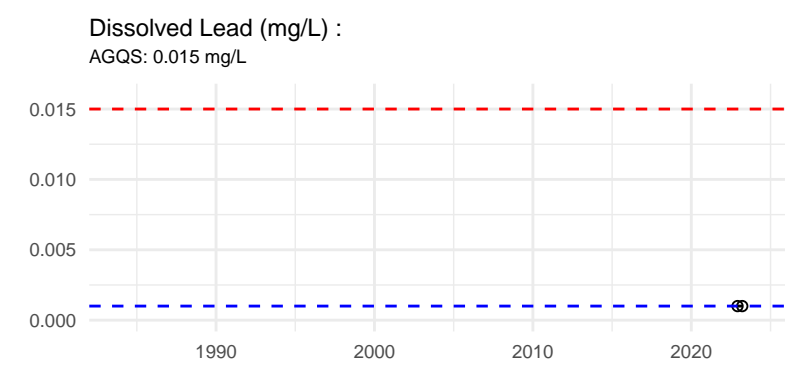
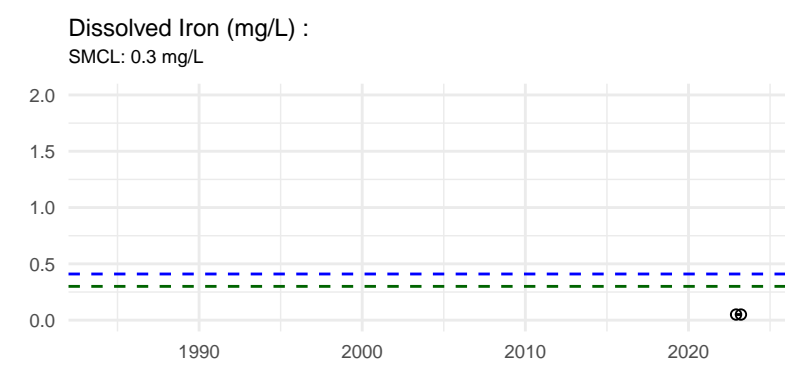
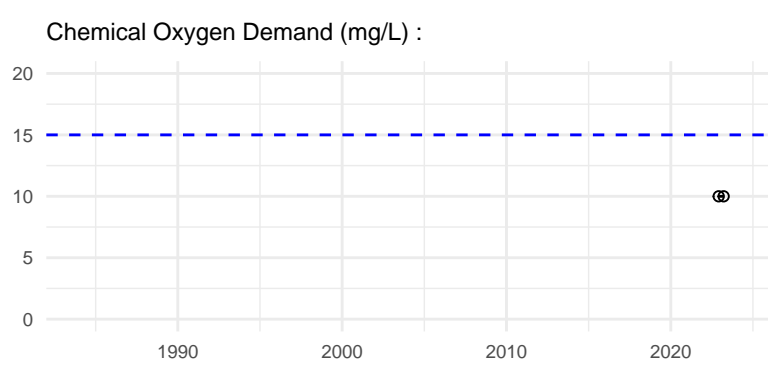
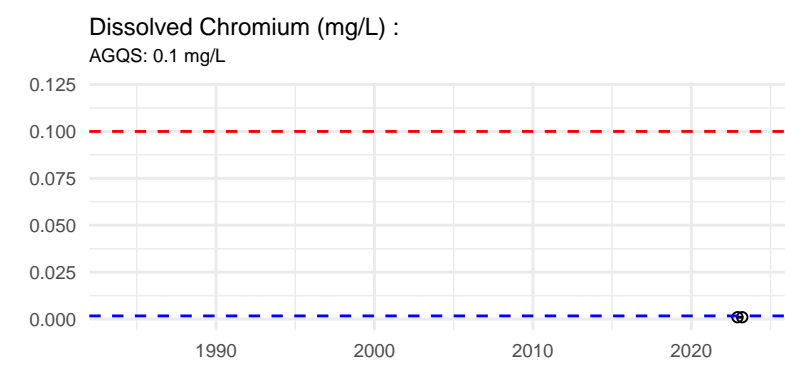
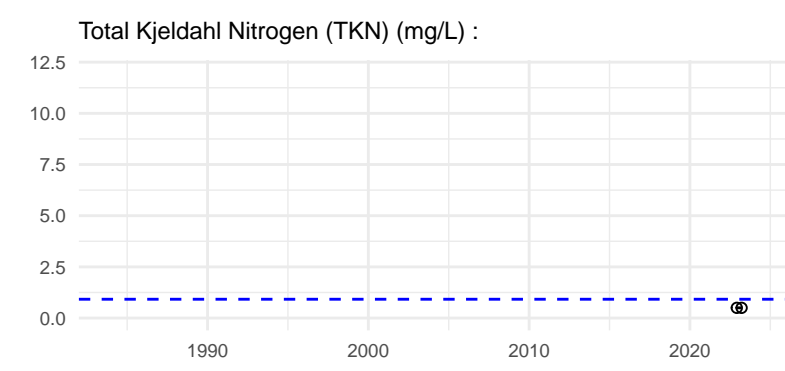
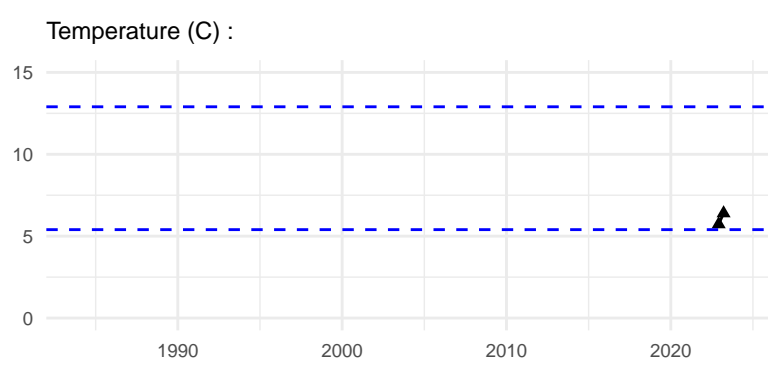


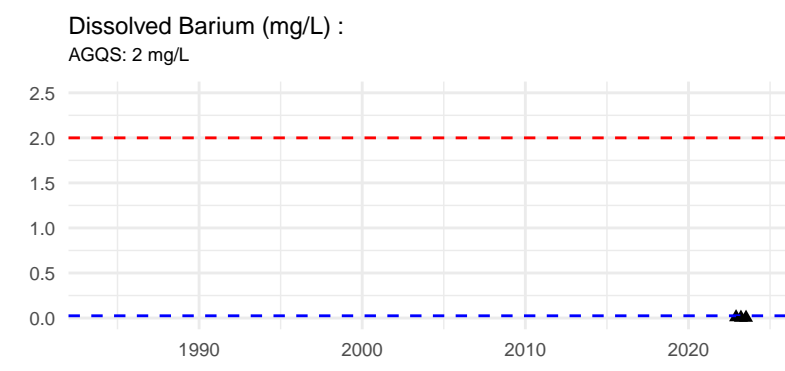
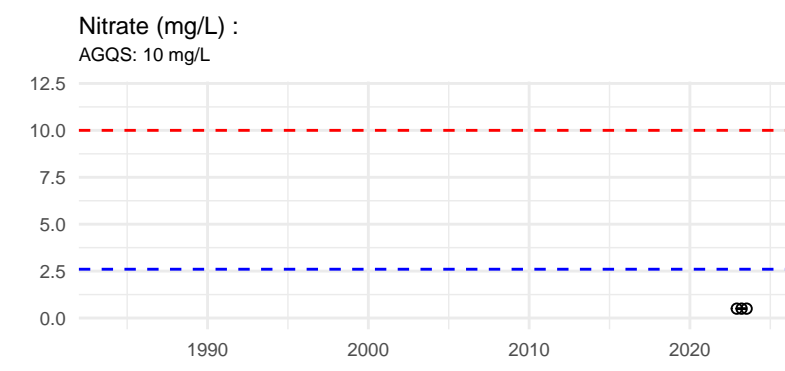
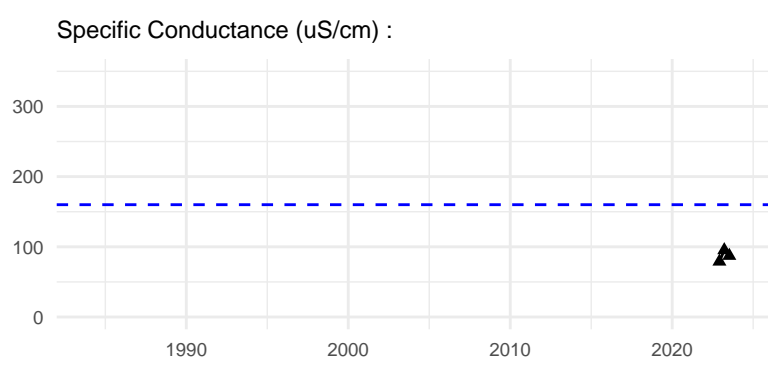
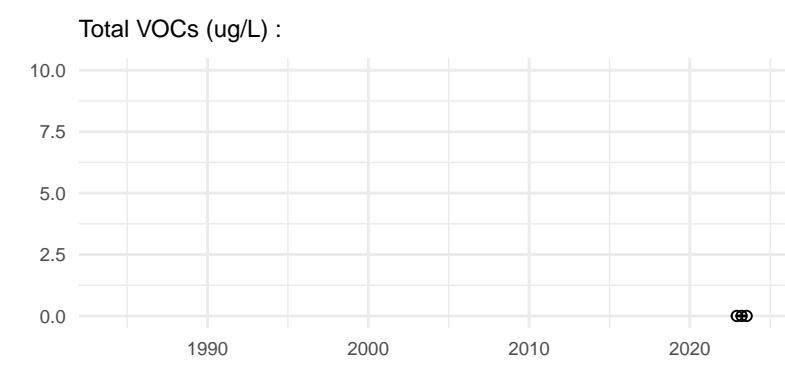
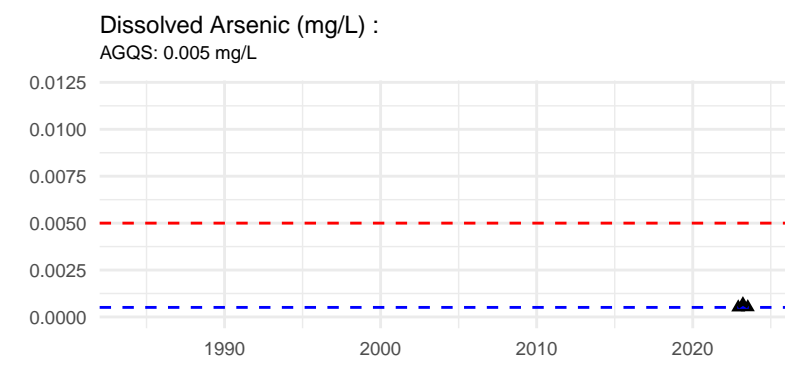
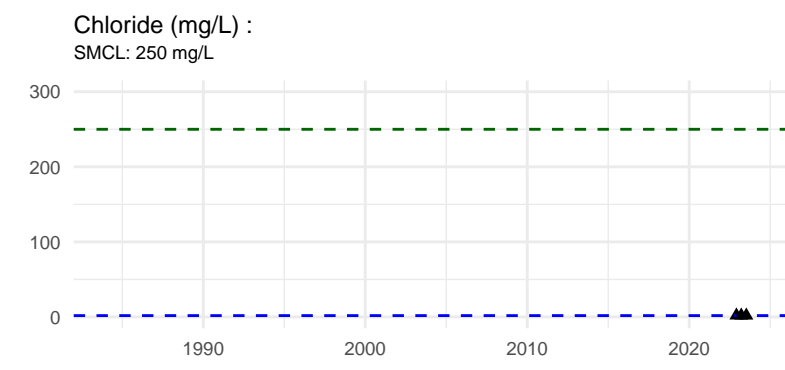
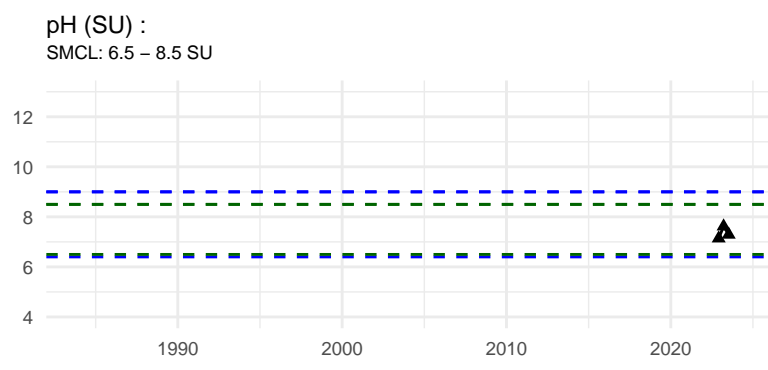
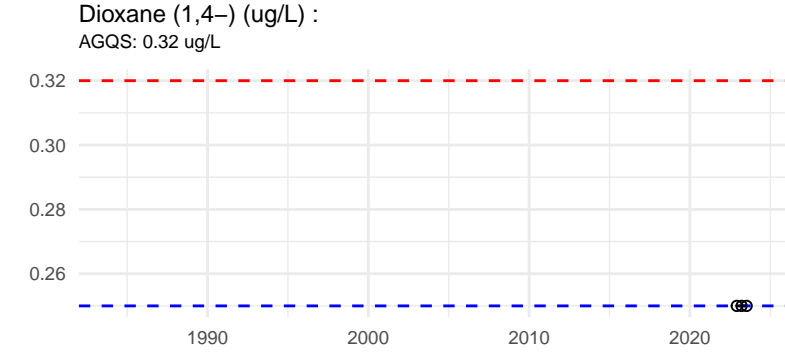
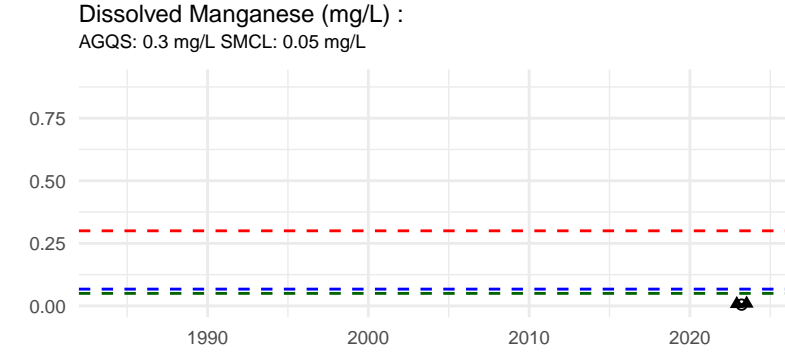
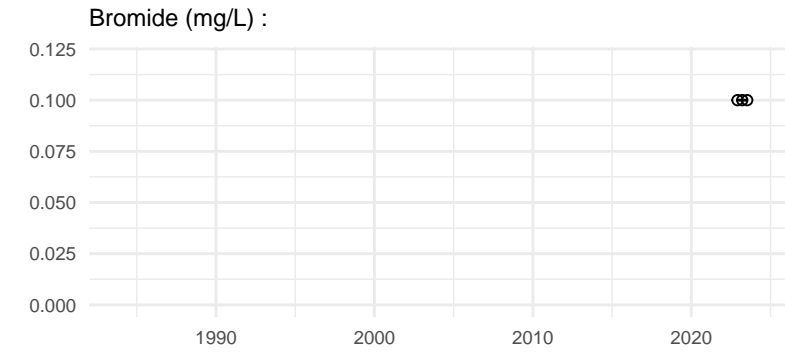
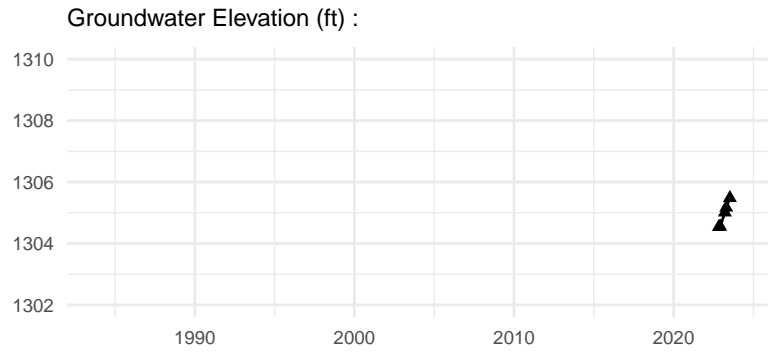
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



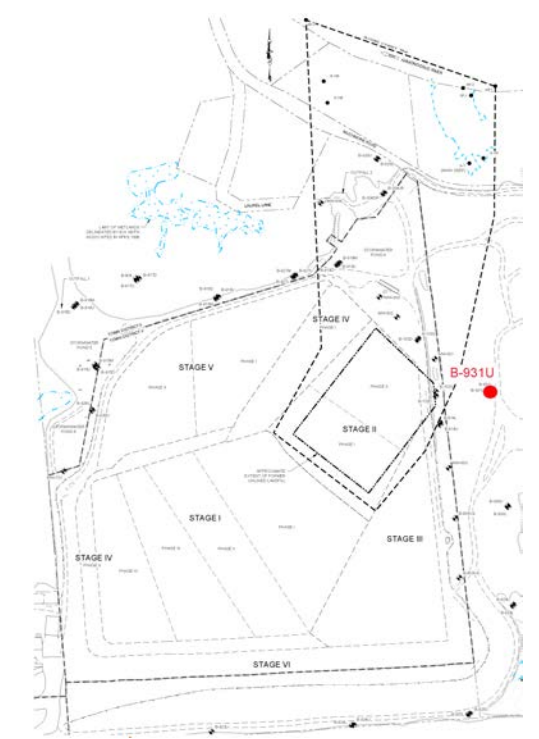
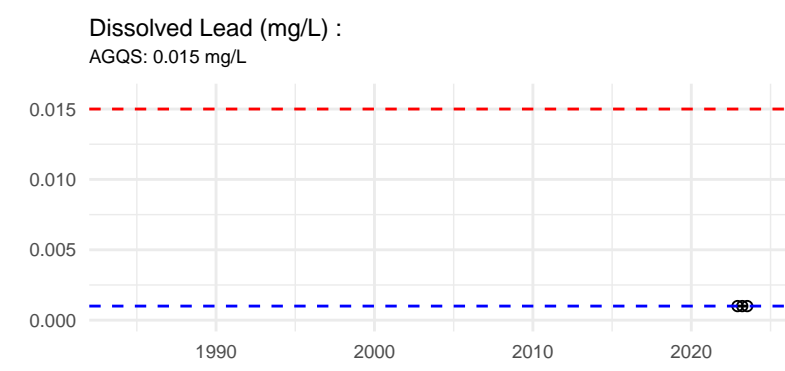
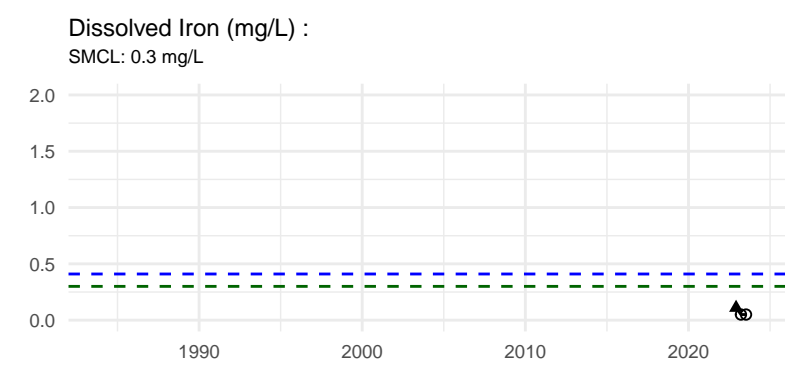
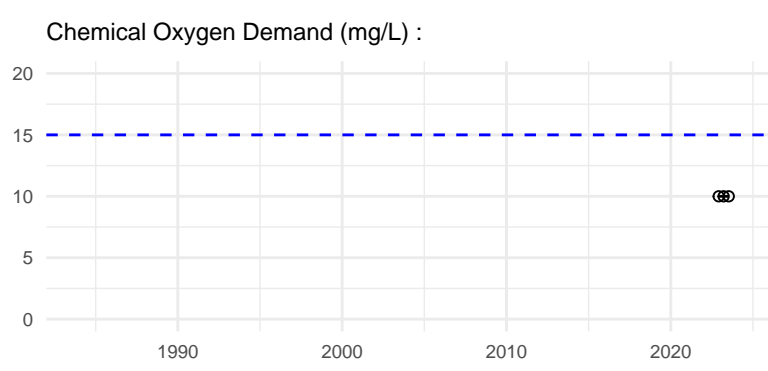
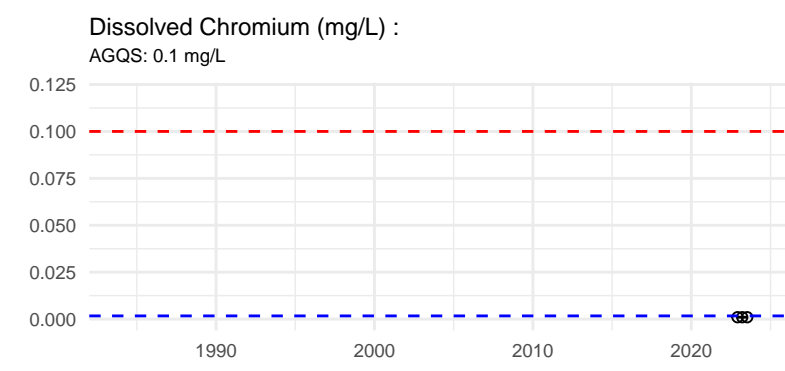
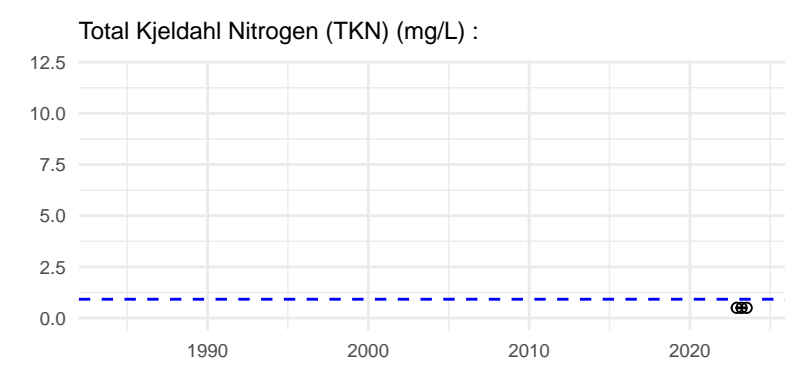
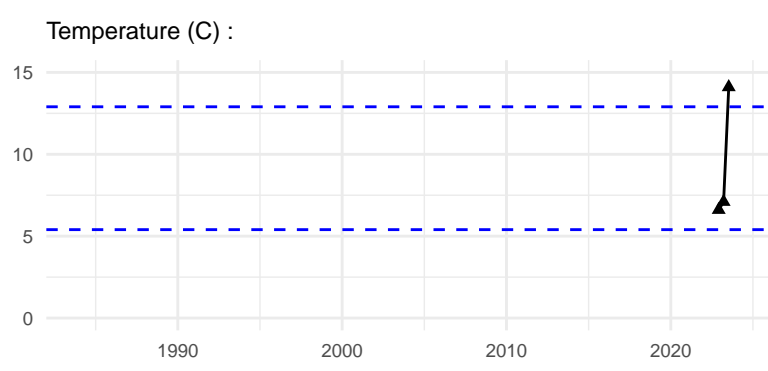


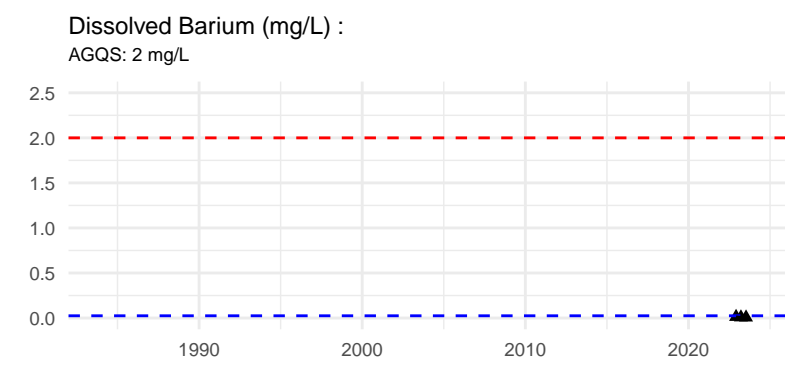
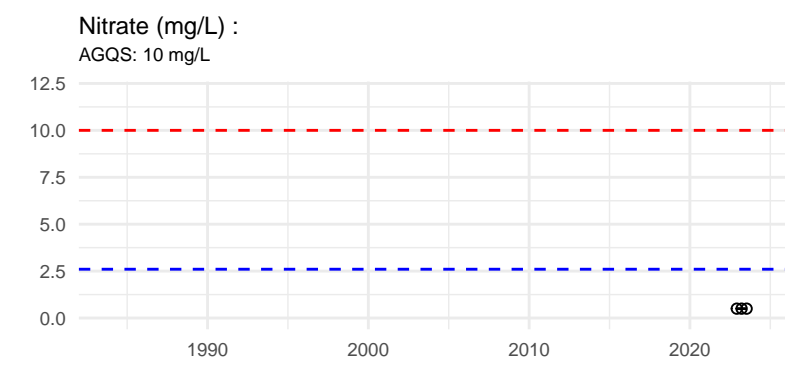
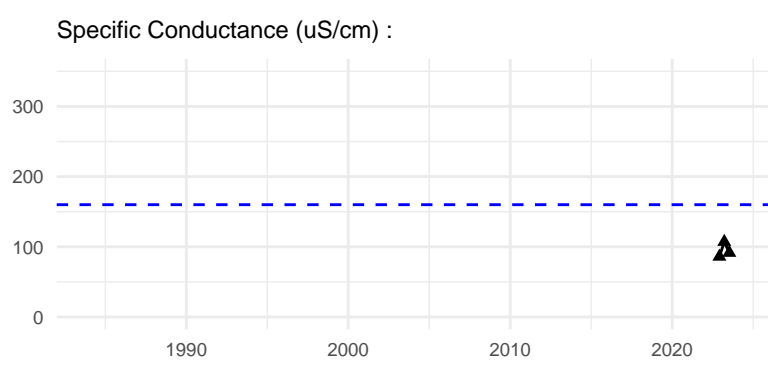
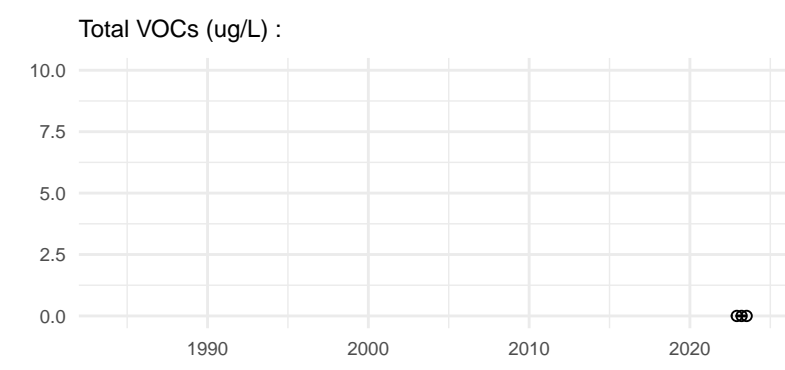
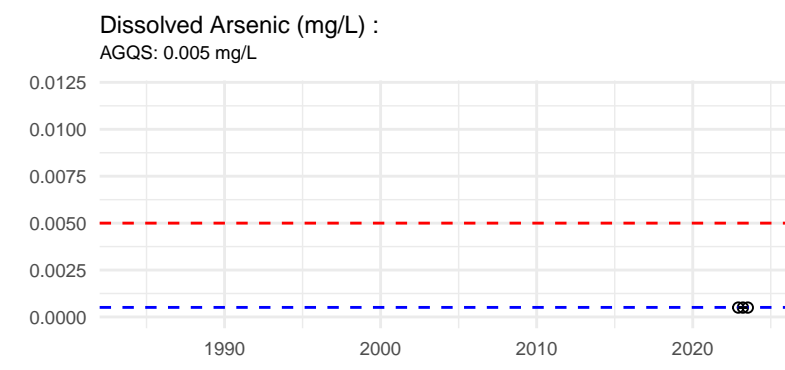
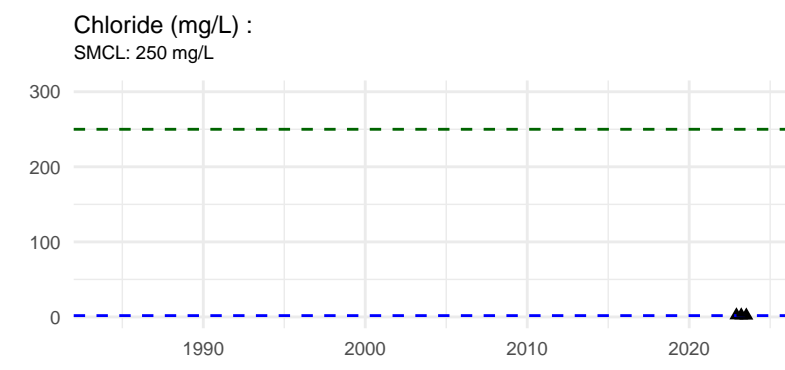
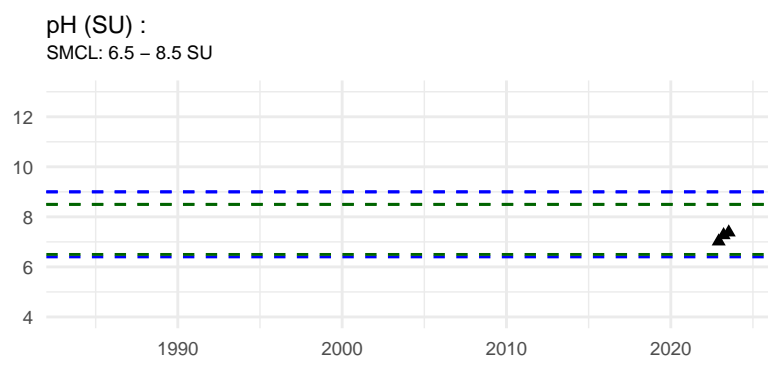
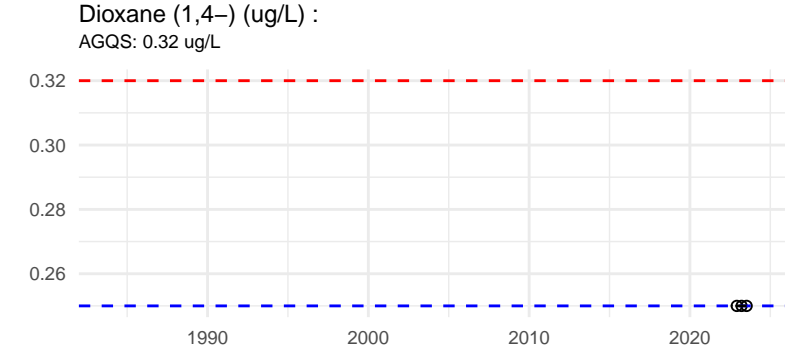
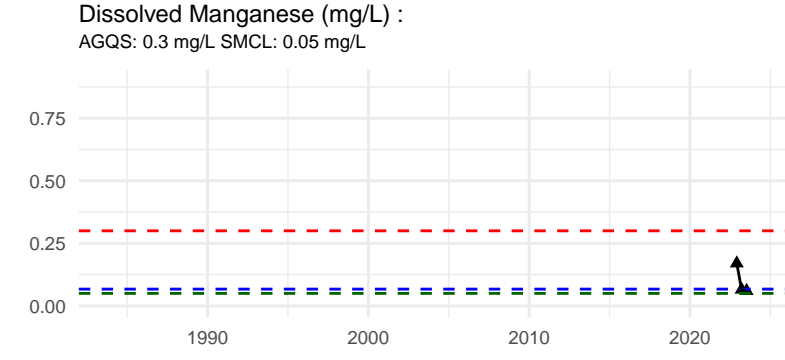
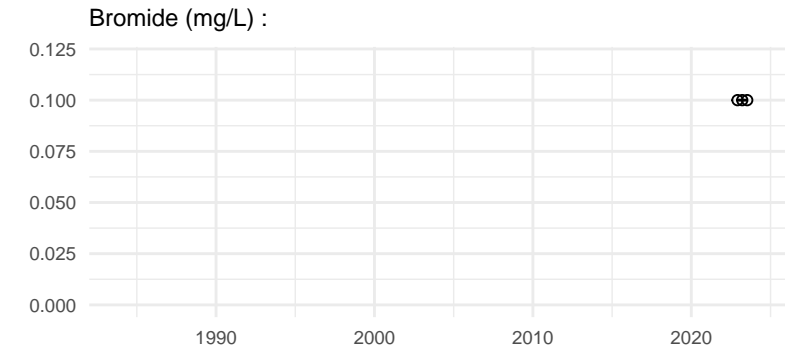
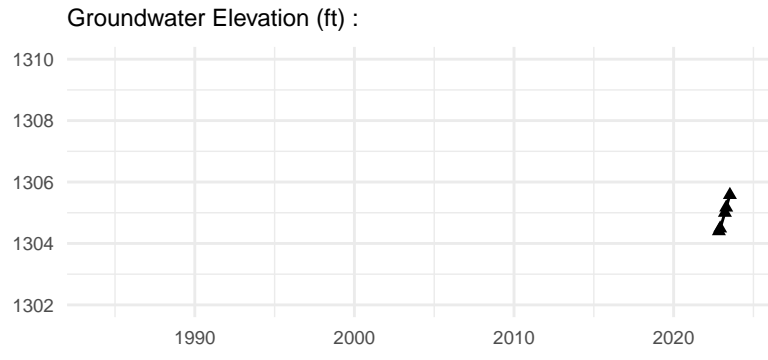
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



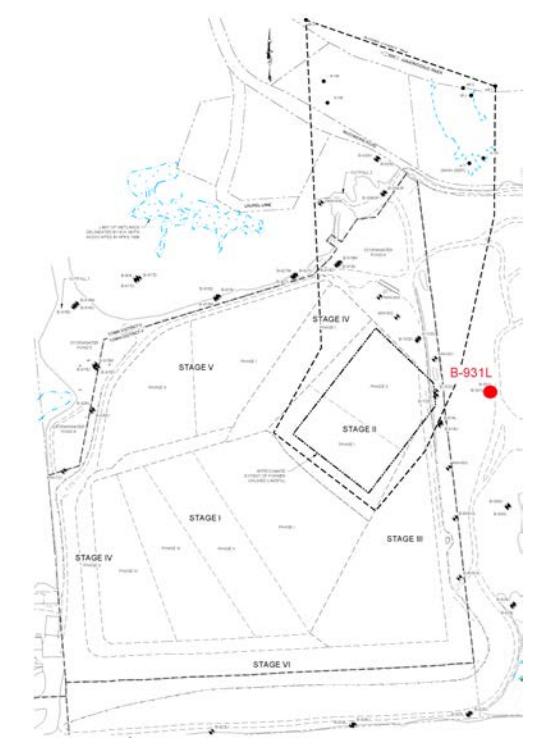
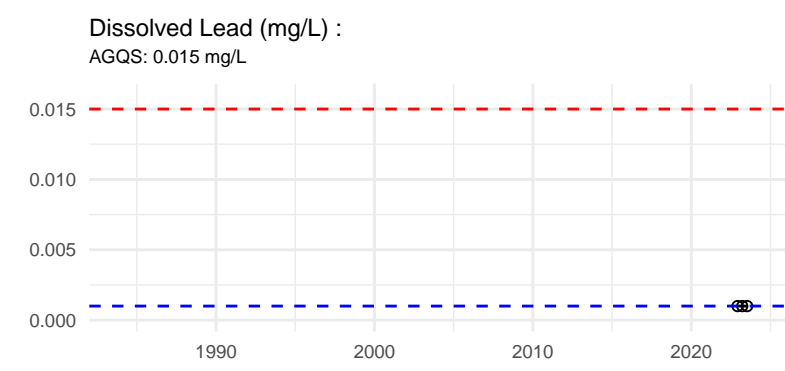
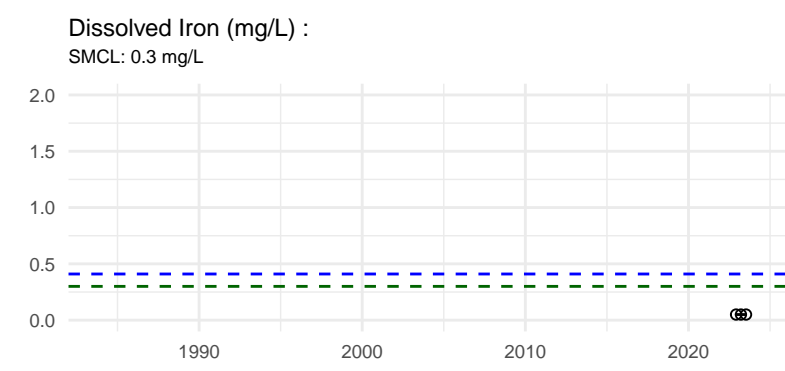
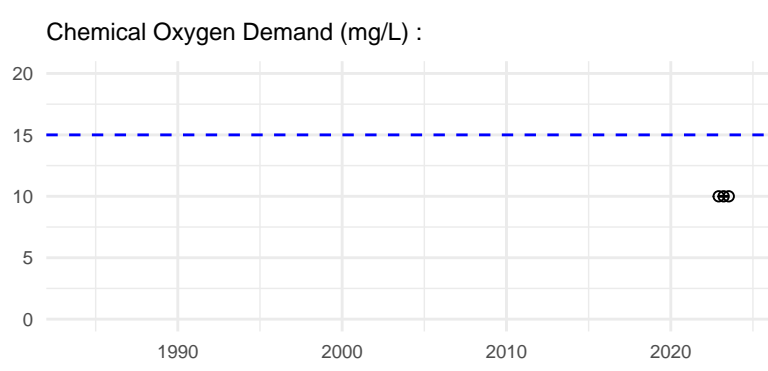
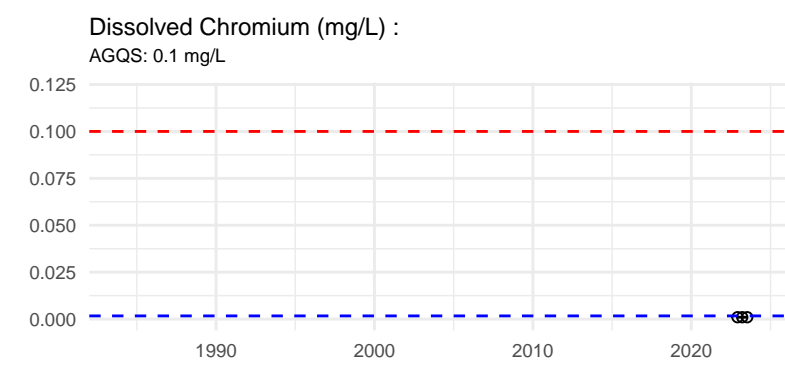
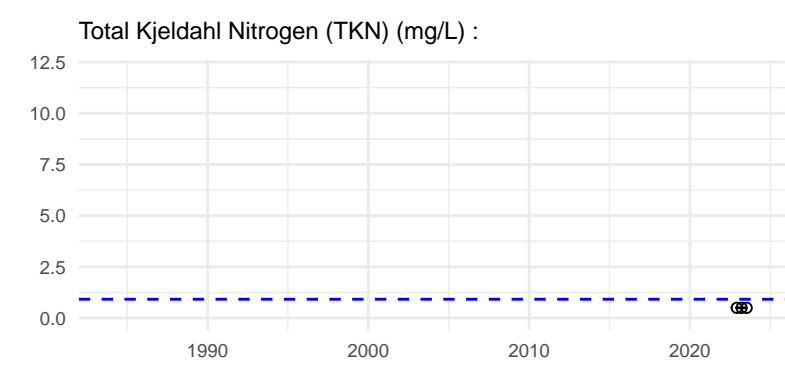
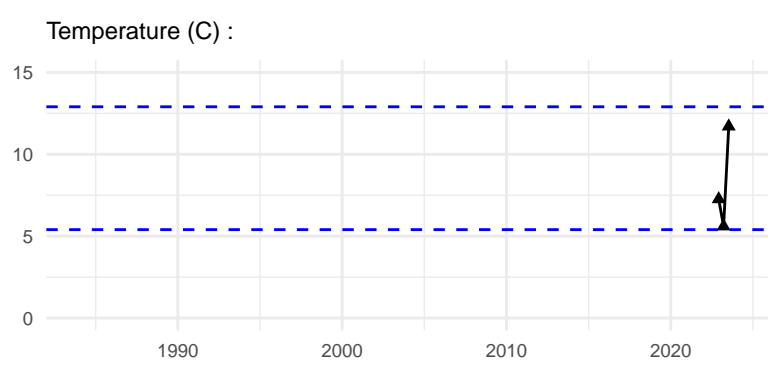


Result

- ▲ Detect
- Non-Detect

Standard

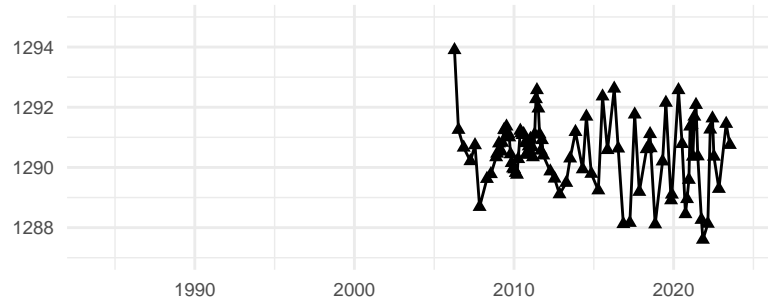
- - - AGQS
- - - SMCL
- - - Background



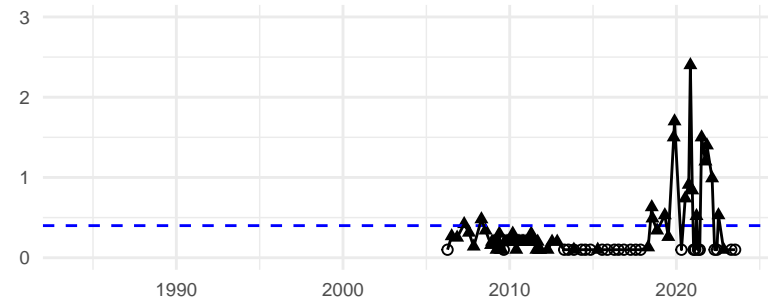
RELEASE DETECTION WELLS INSIDE THE GMZ

B-304UR

Groundwater Elevation (ft) :

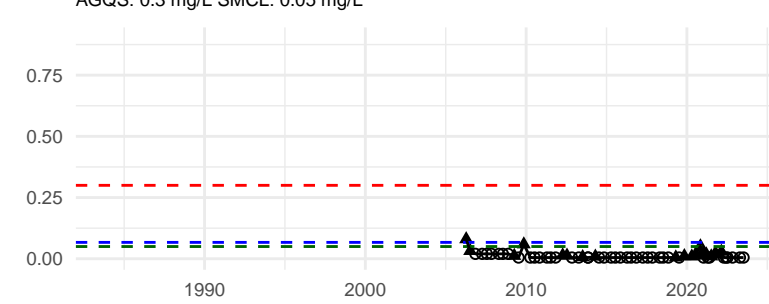


Bromide (mg/L) :



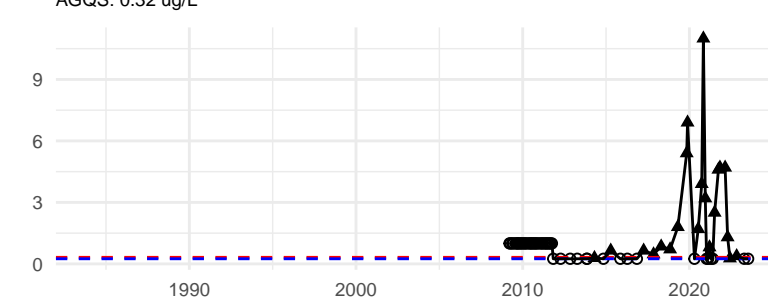
Dissolved Manganese (mg/L) :

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



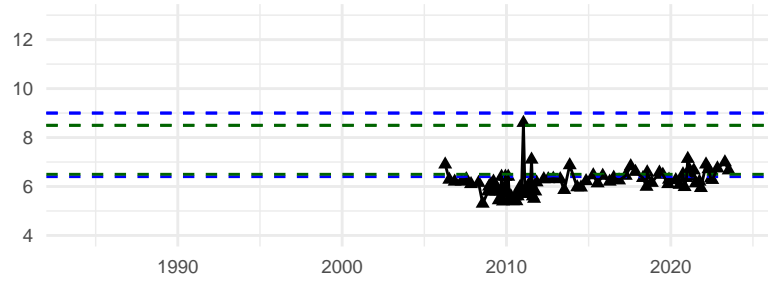
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



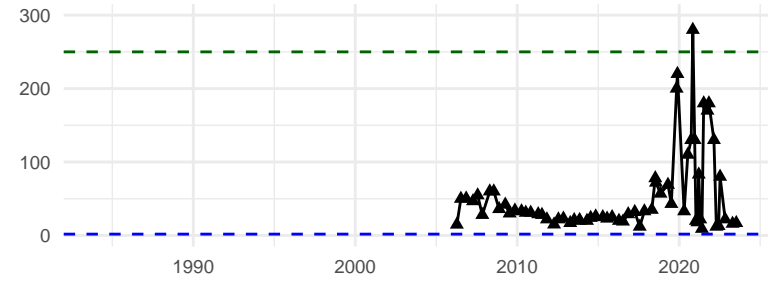
pH (SU) :

SMCL: 6.5 - 8.5 SU



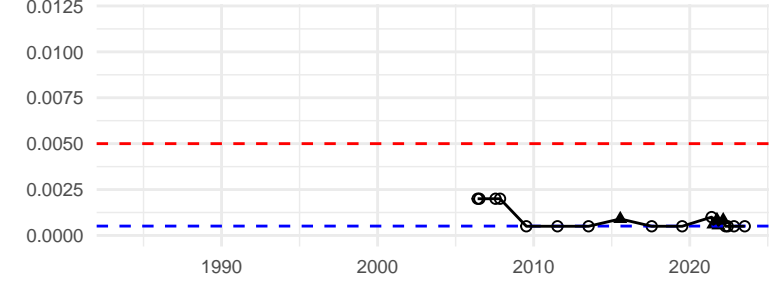
Chloride (mg/L) :

SMCL: 250 mg/L

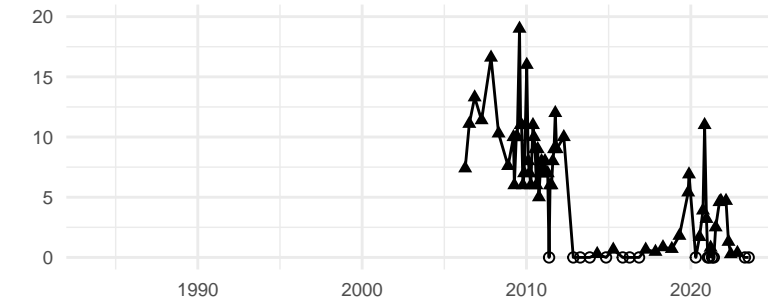


Dissolved Arsenic (mg/L) :

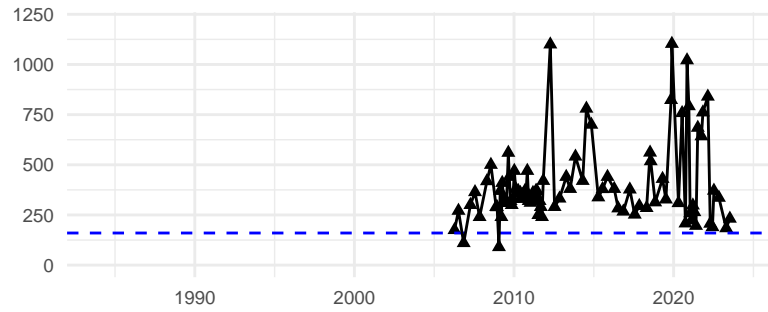
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

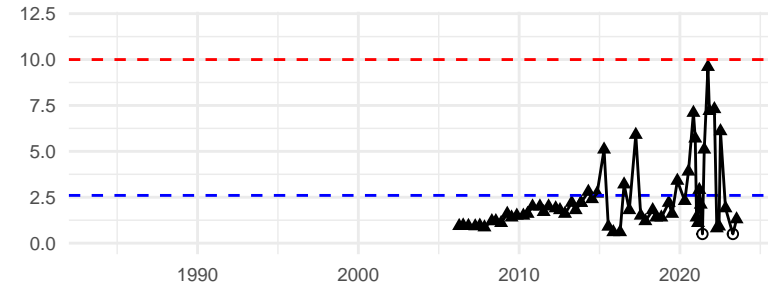


Specific Conductance (uS/cm) :



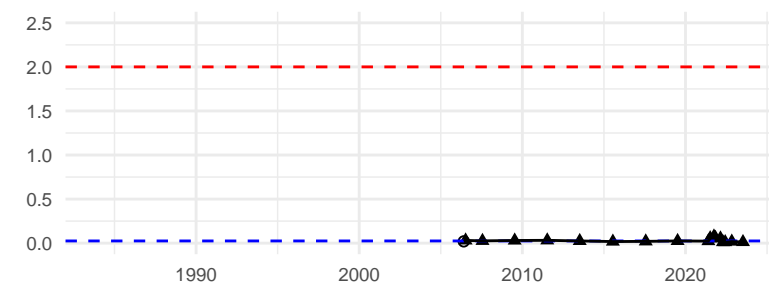
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



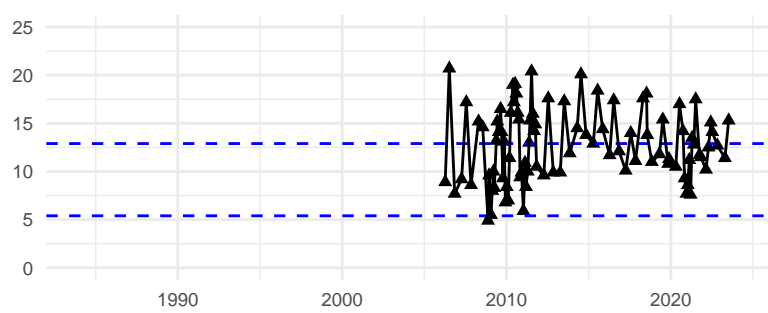
Result

- ▲ Detect
- Non-Detect

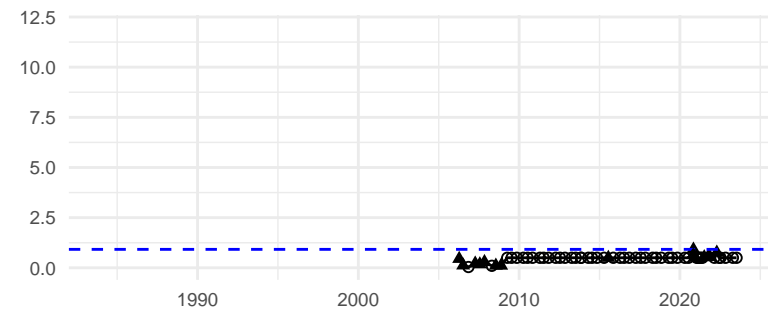
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

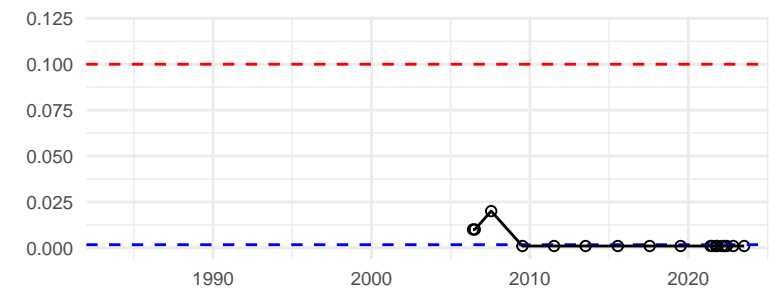


Total Kjeldahl Nitrogen (TKN) (mg/L) :

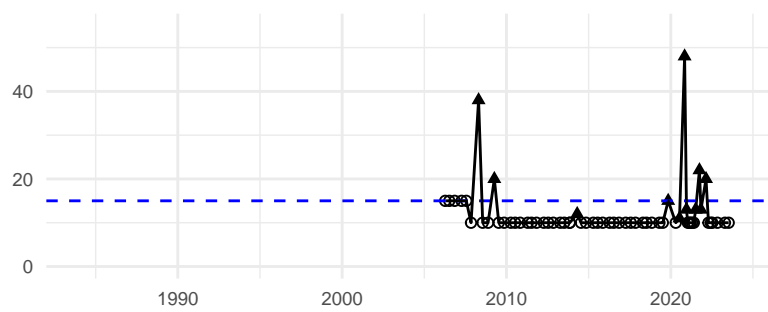


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

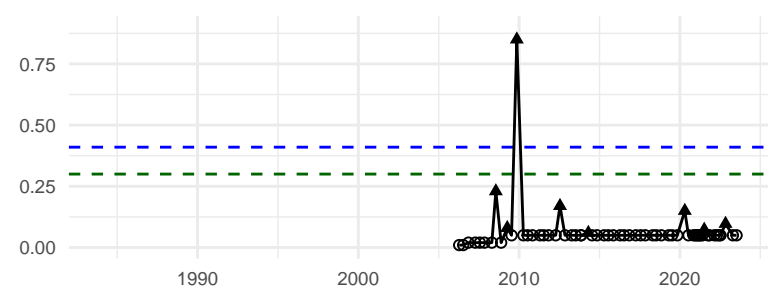


Chemical Oxygen Demand (mg/L) :



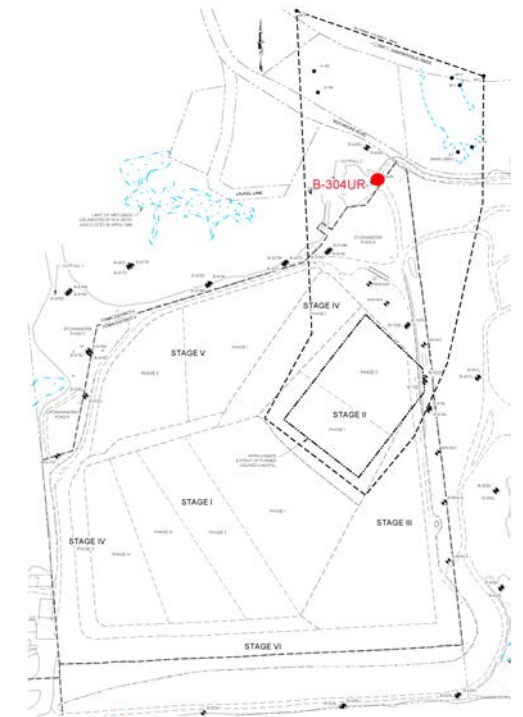
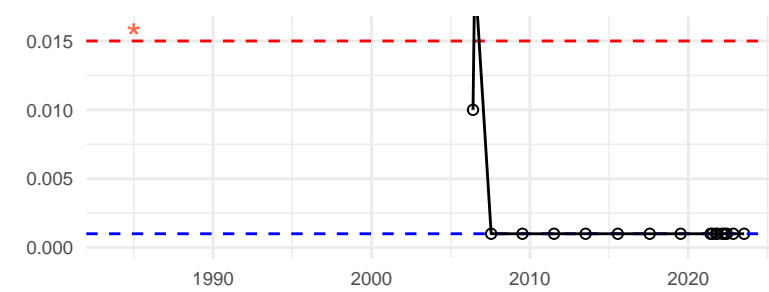
Dissolved Iron (mg/L) :

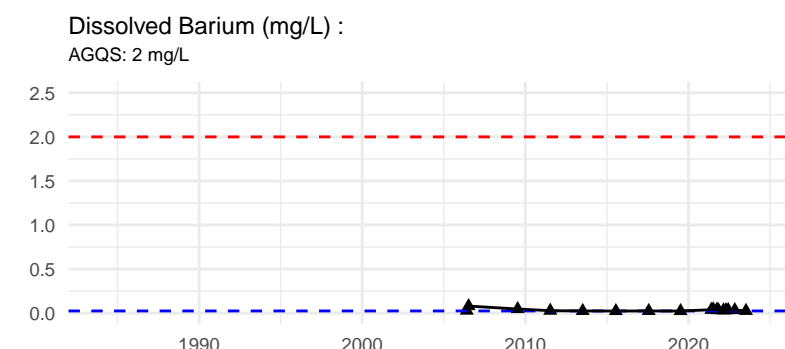
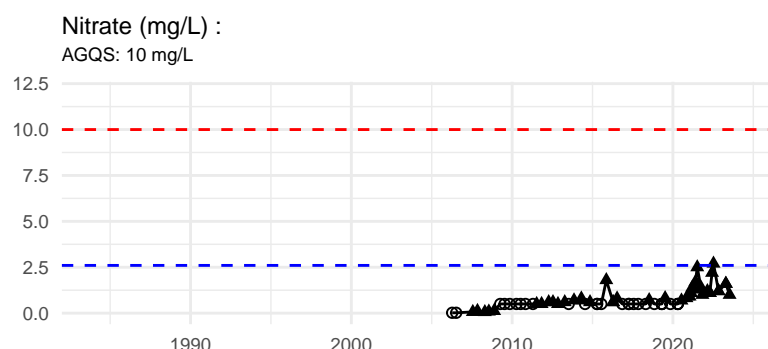
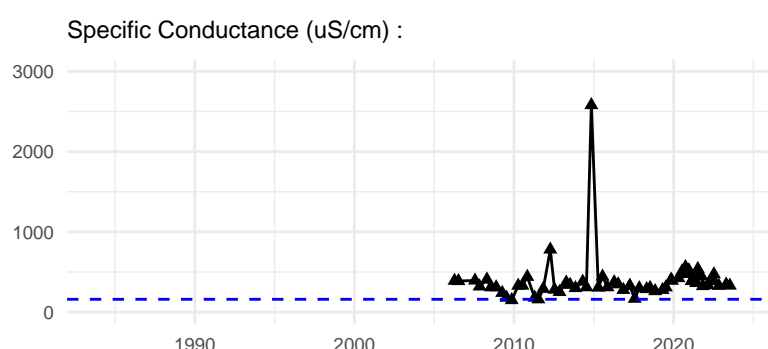
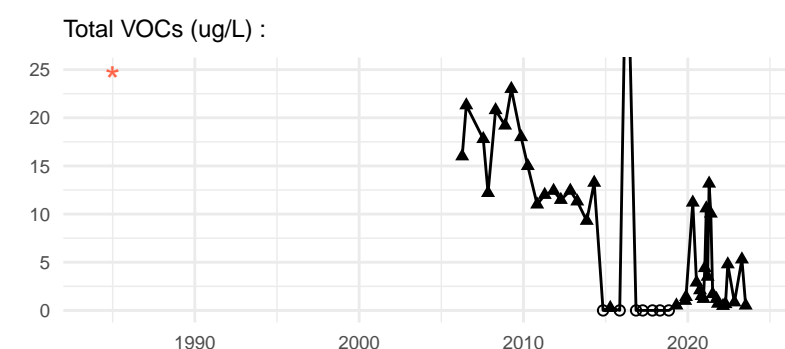
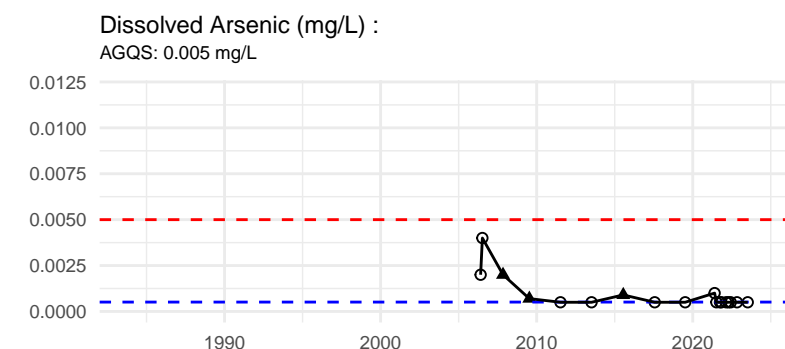
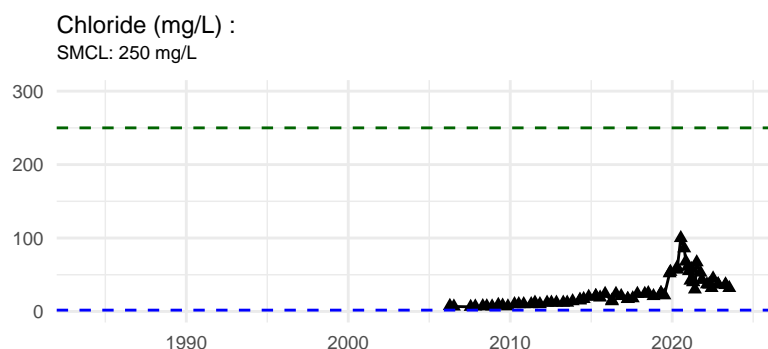
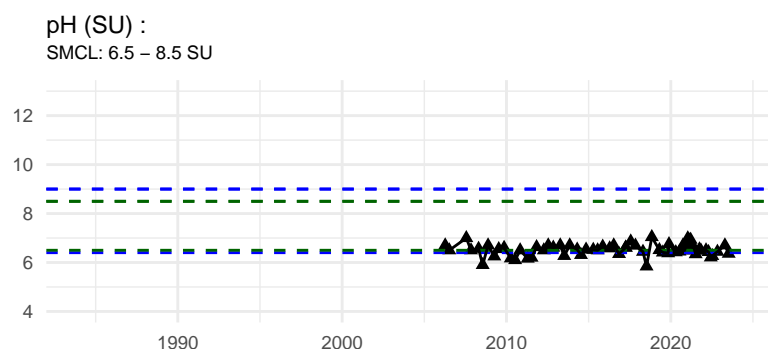
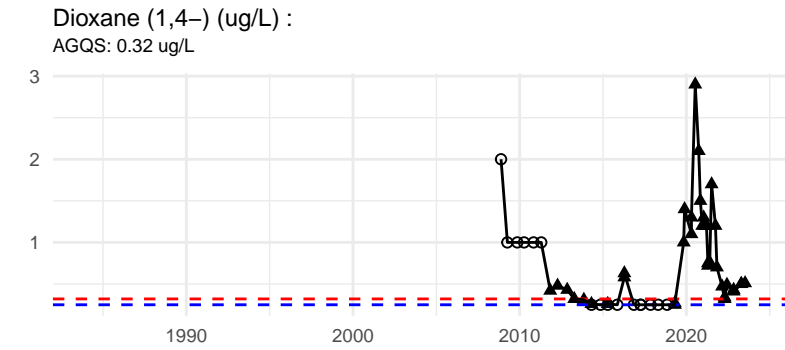
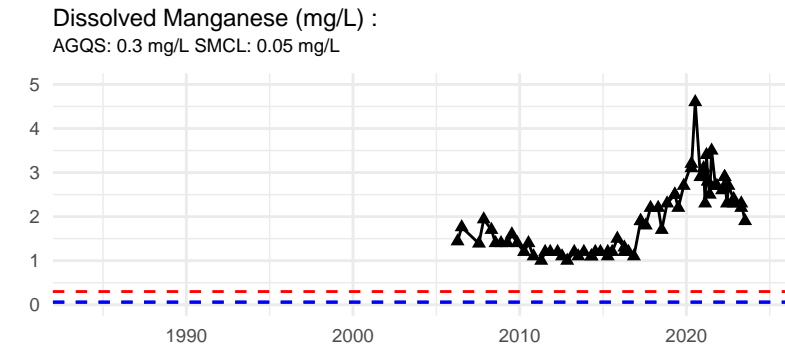
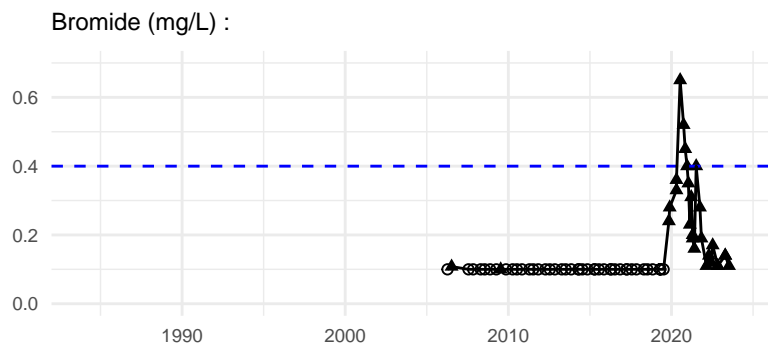
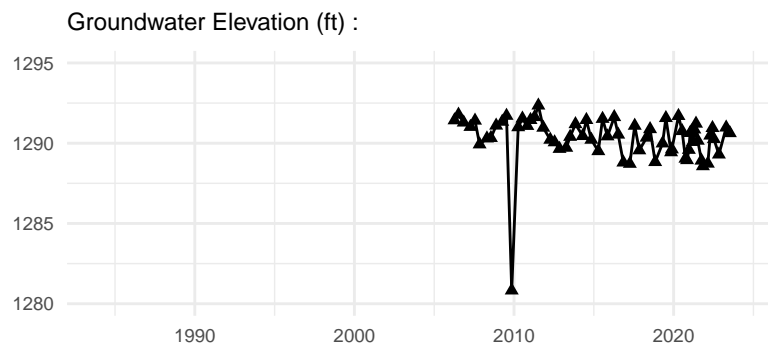
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



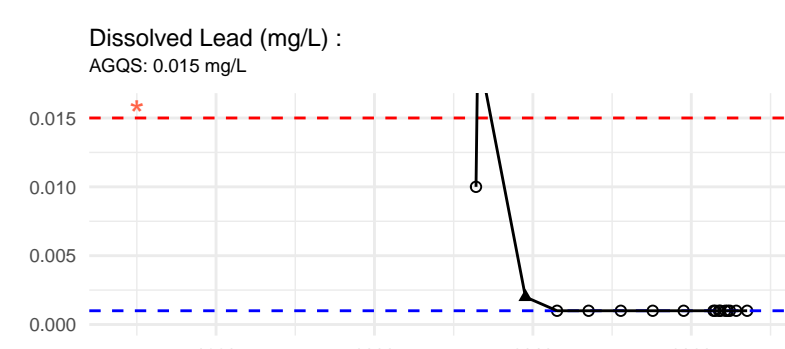
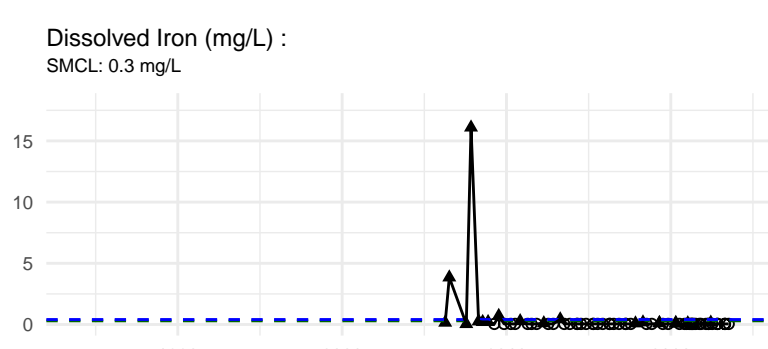
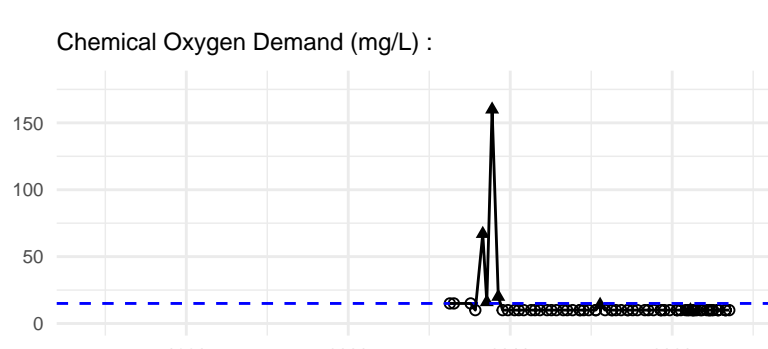
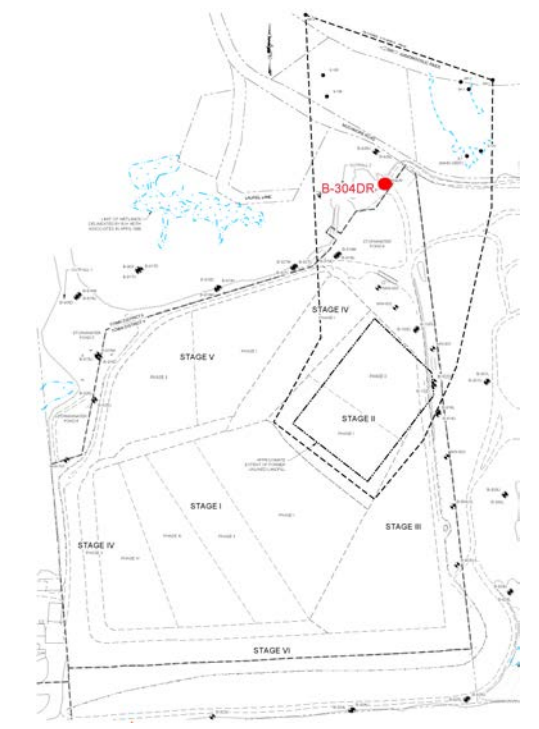
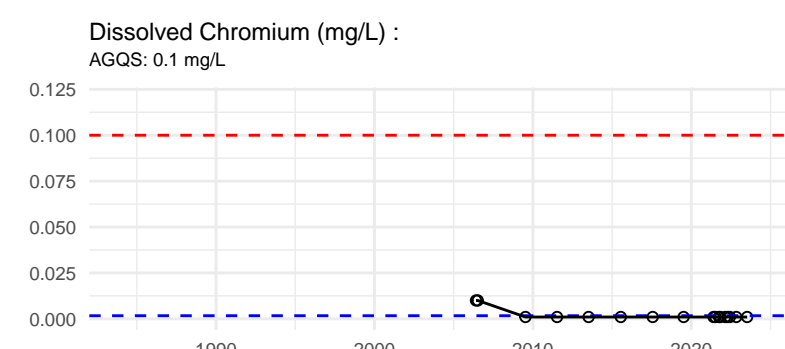
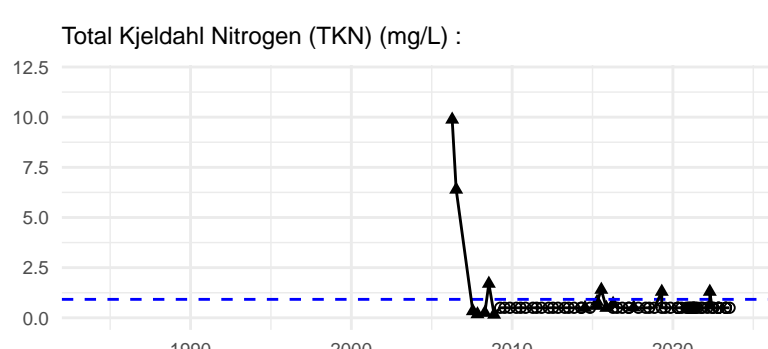
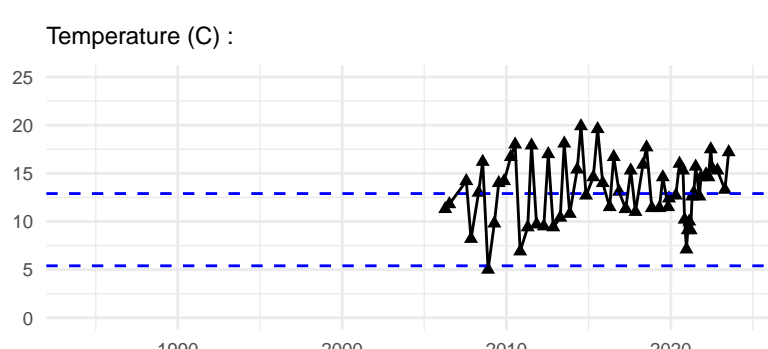


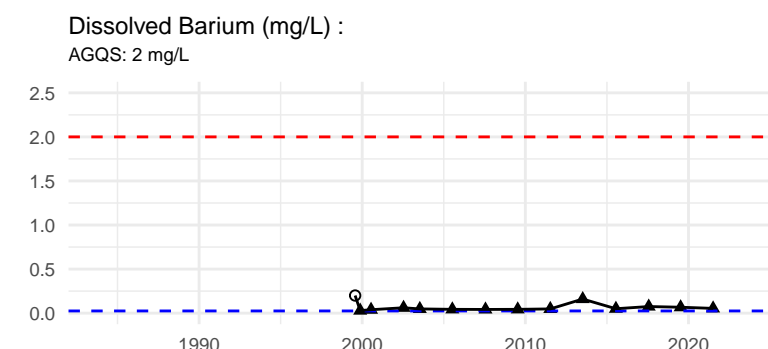
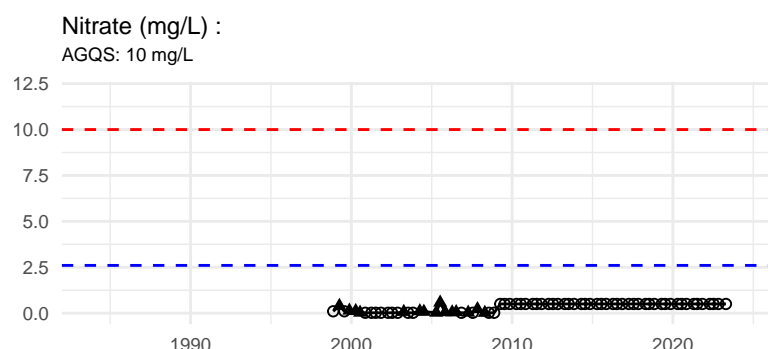
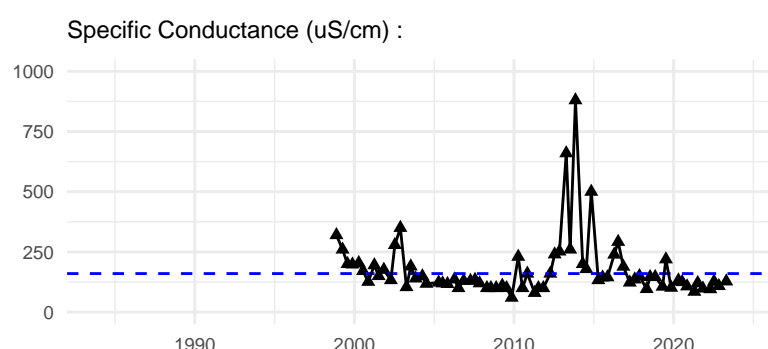
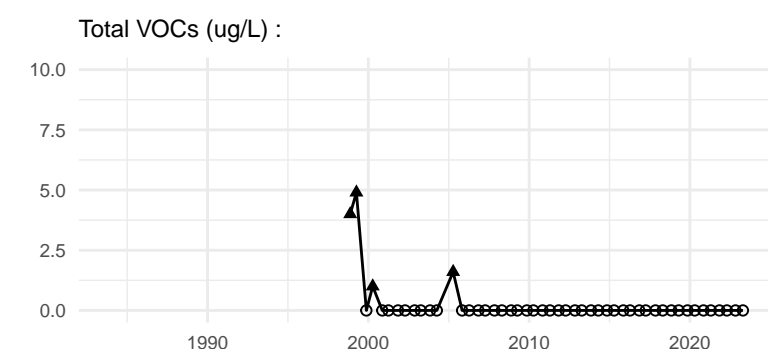
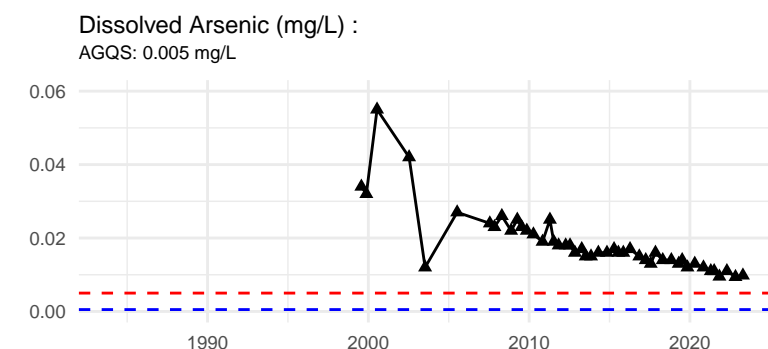
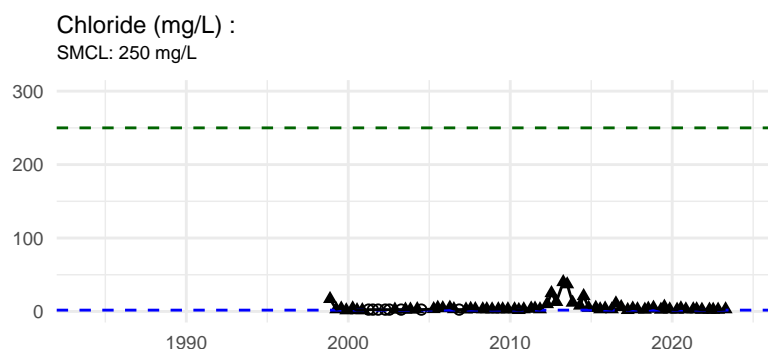
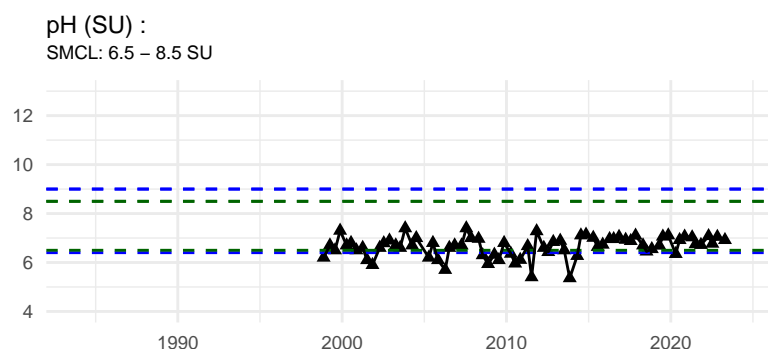
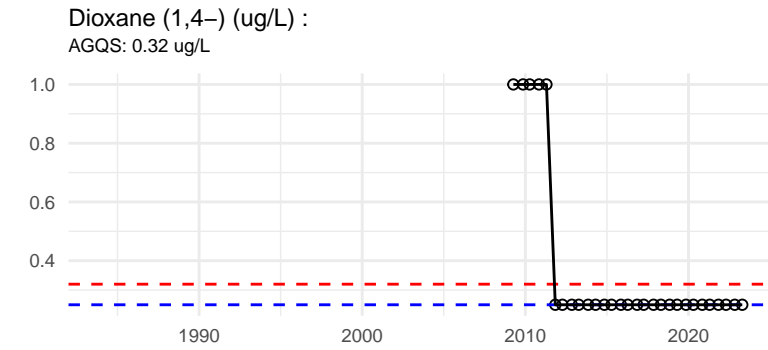
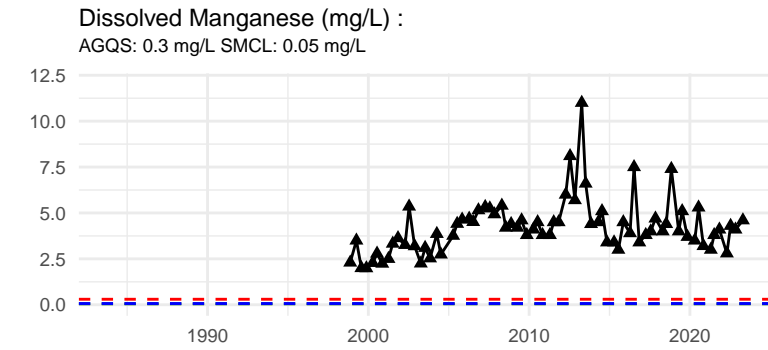
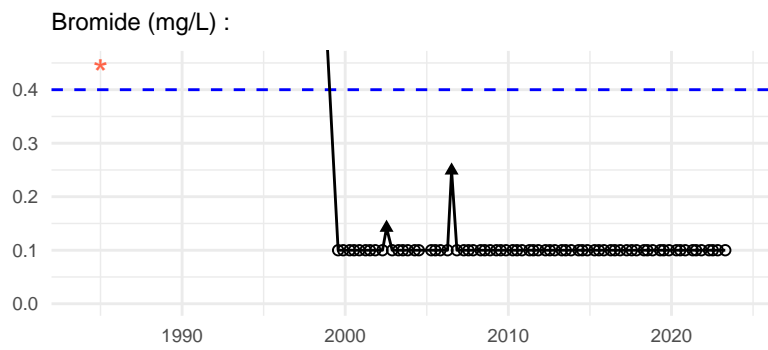
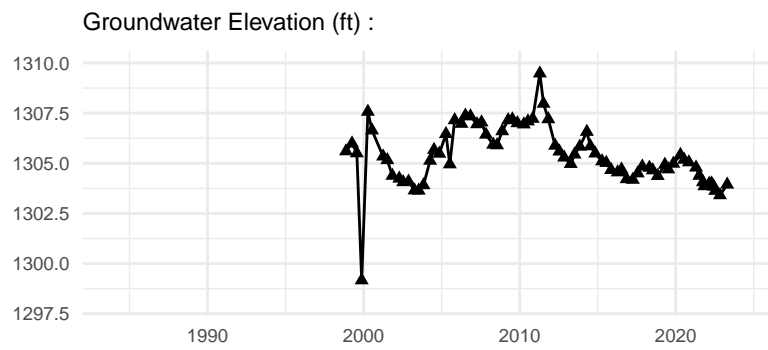
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



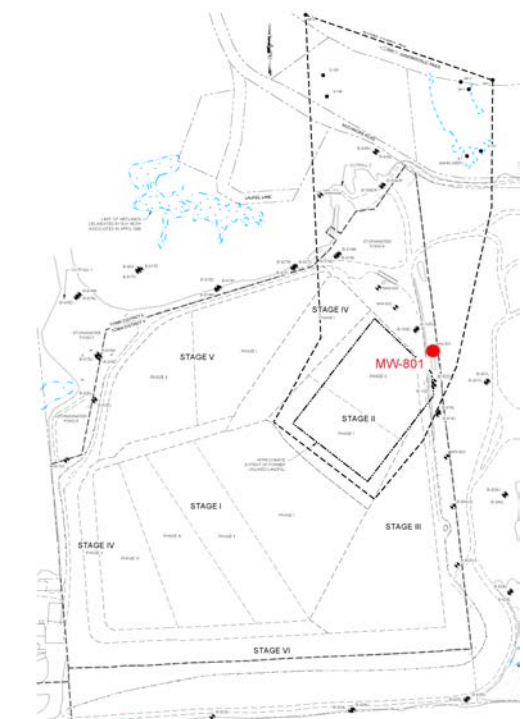
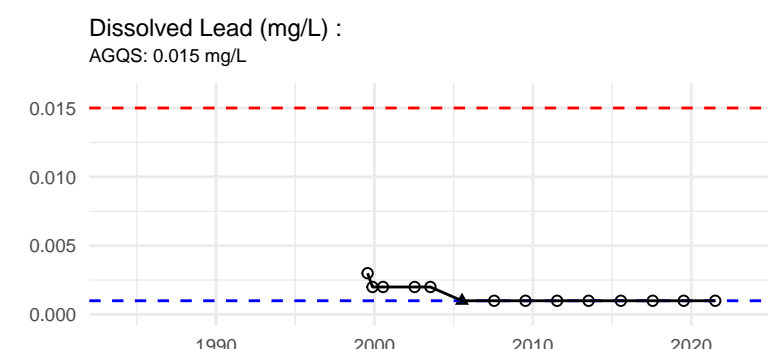
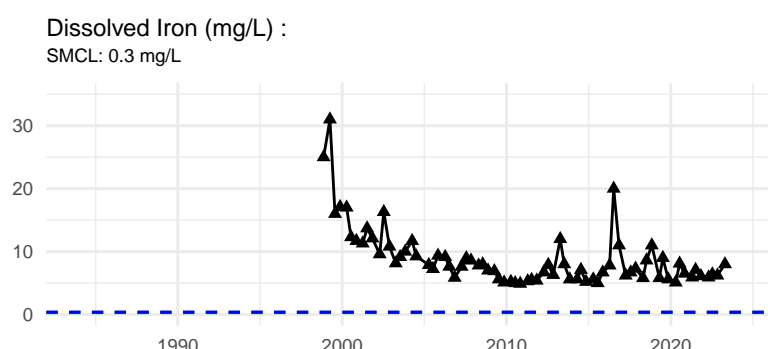
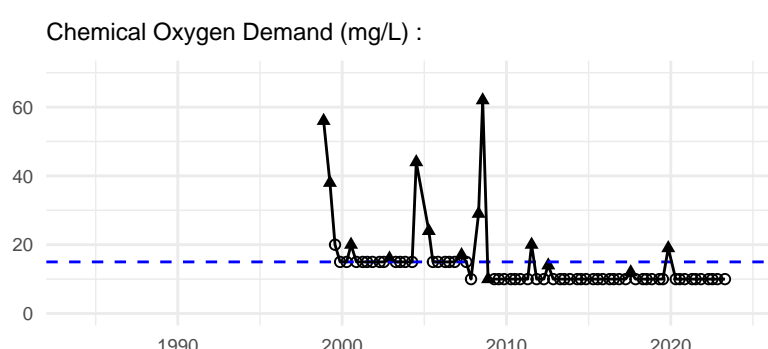
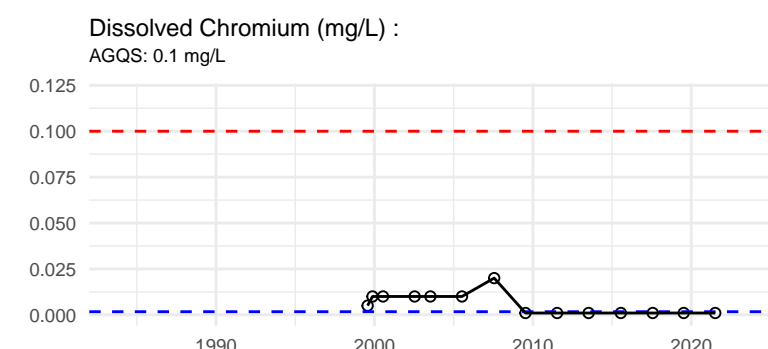
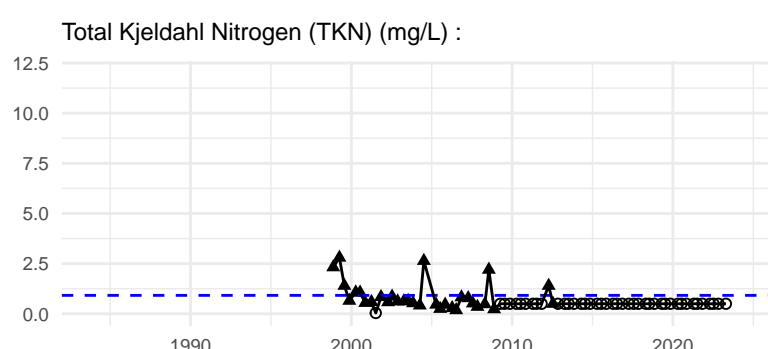
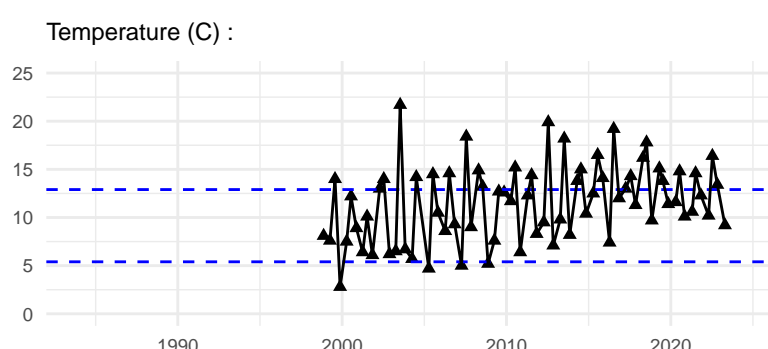


Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background

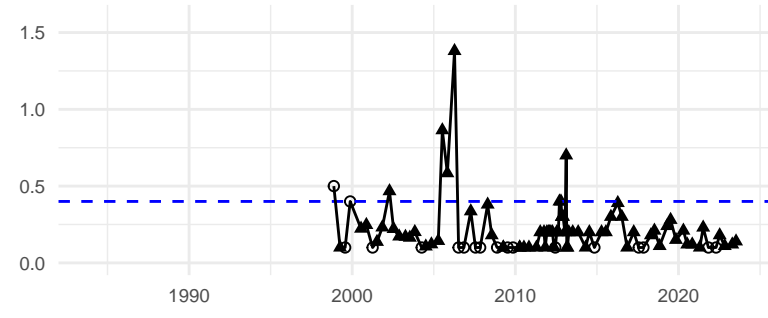


* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

Groundwater Elevation (ft) :

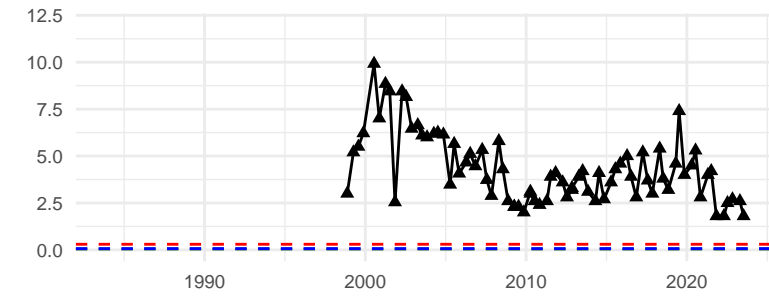


Bromide (mg/L) :



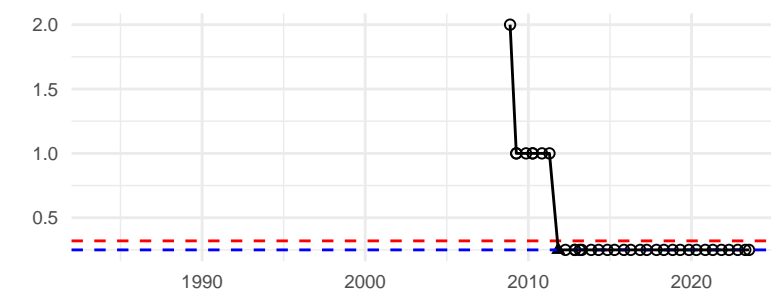
Dissolved Manganese (mg/L) :

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



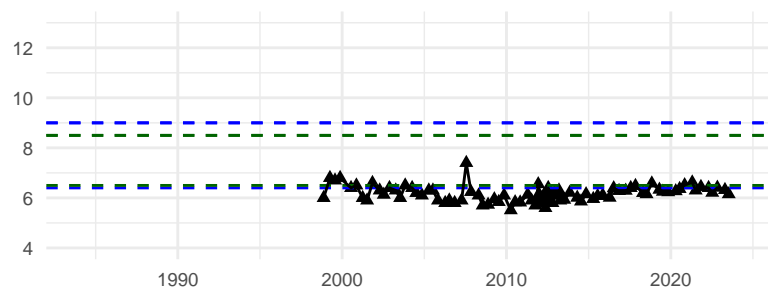
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



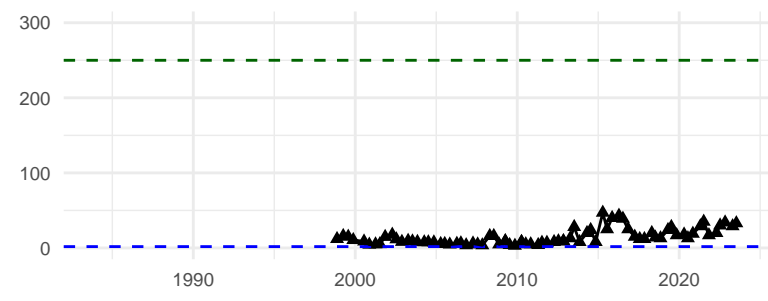
pH (SU) :

SMCL: 6.5 - 8.5 SU



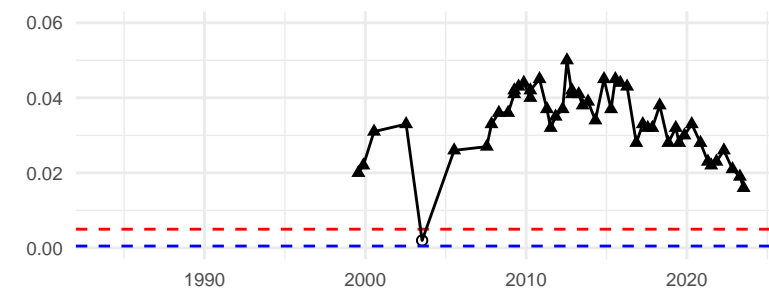
Chloride (mg/L) :

SMCL: 250 mg/L

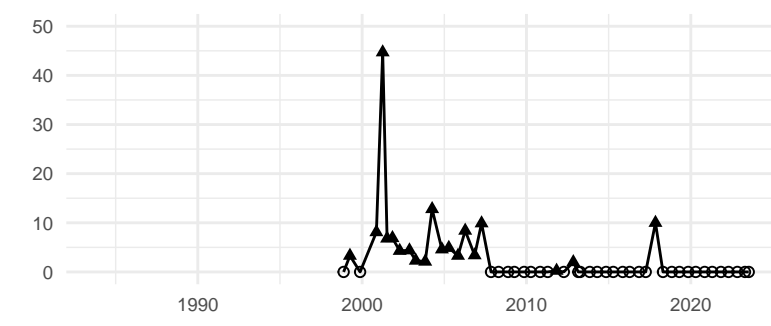


Dissolved Arsenic (mg/L) :

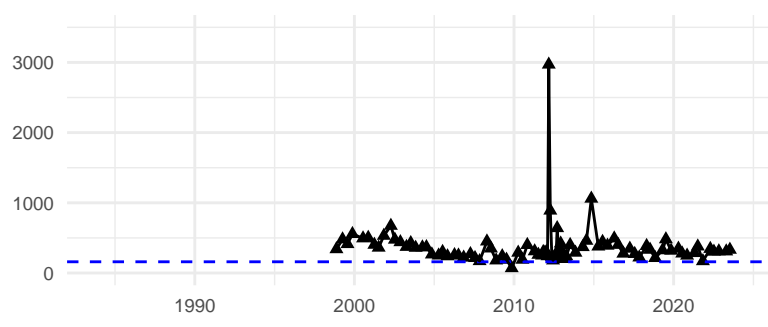
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

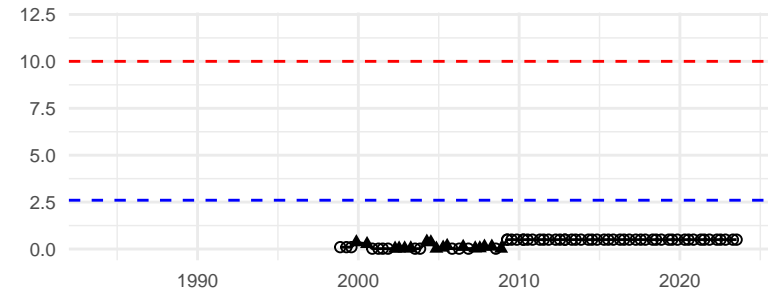


Specific Conductance (uS/cm) :



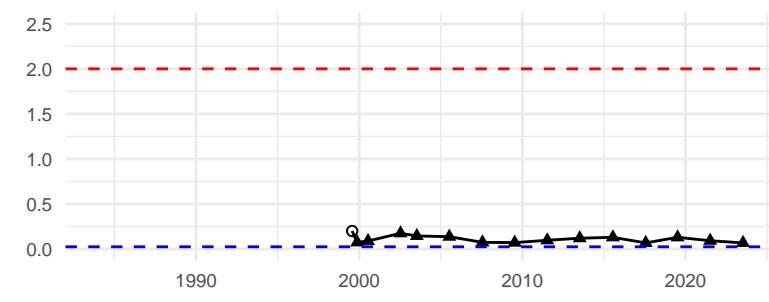
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



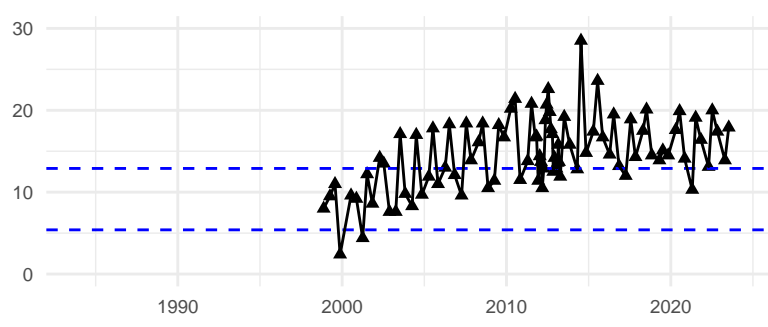
Result

- ▲ Detect
- Non-Detect

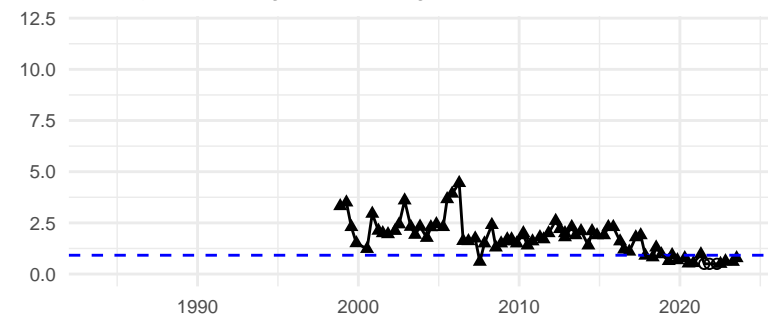
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

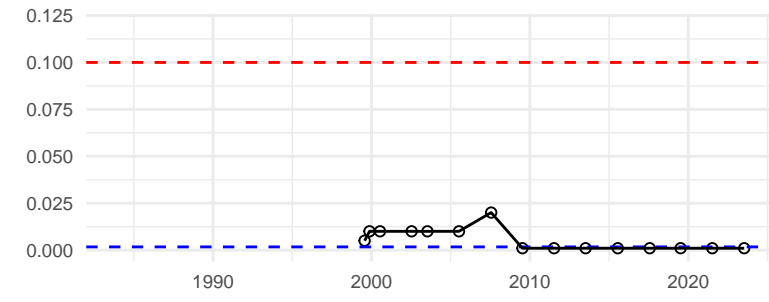


Total Kjeldahl Nitrogen (TKN) (mg/L) :

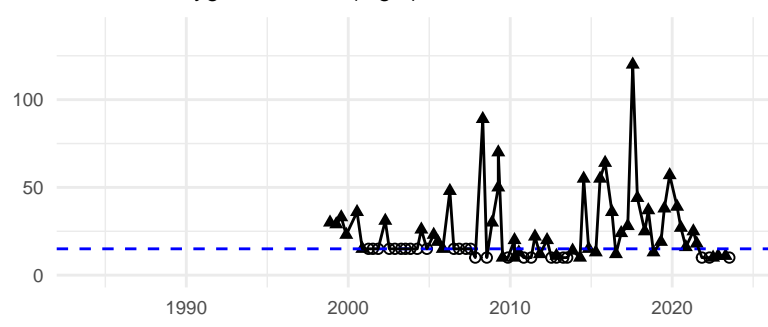


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

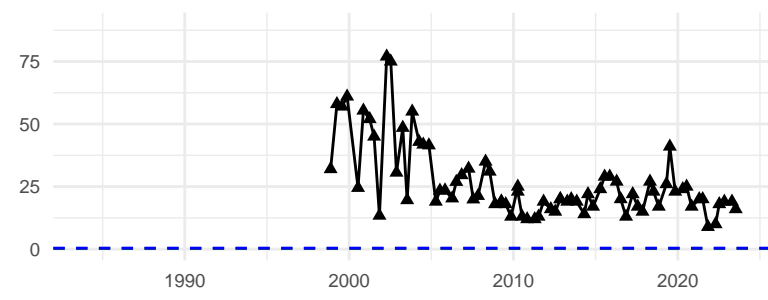


Chemical Oxygen Demand (mg/L) :



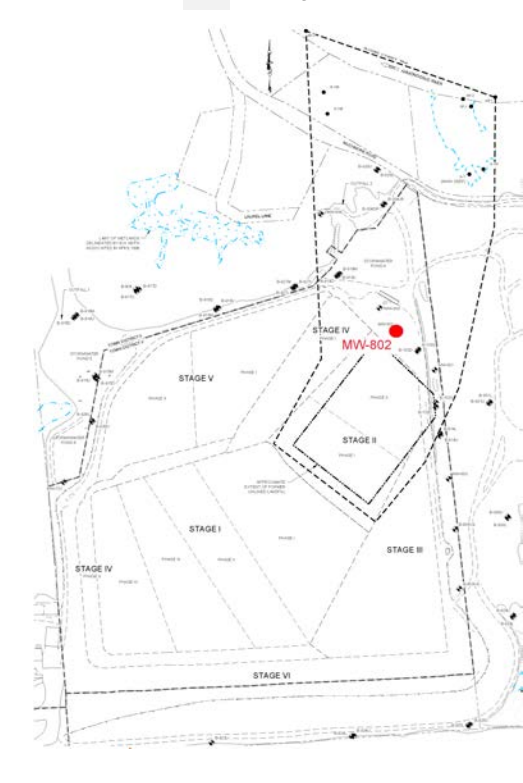
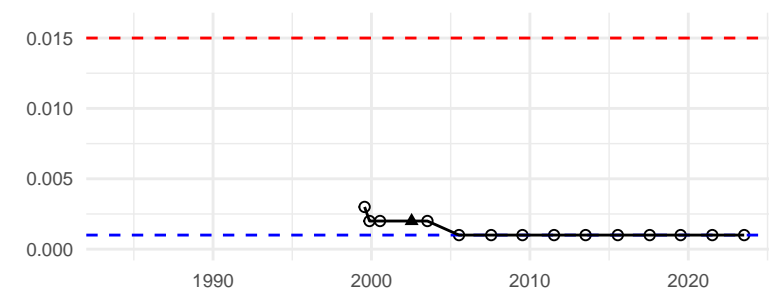
Dissolved Iron (mg/L) :

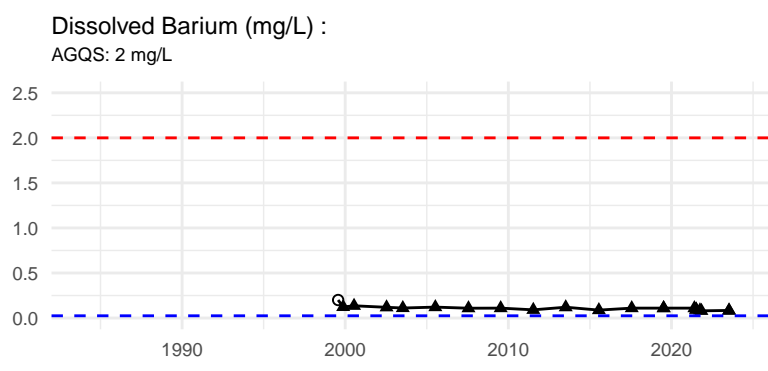
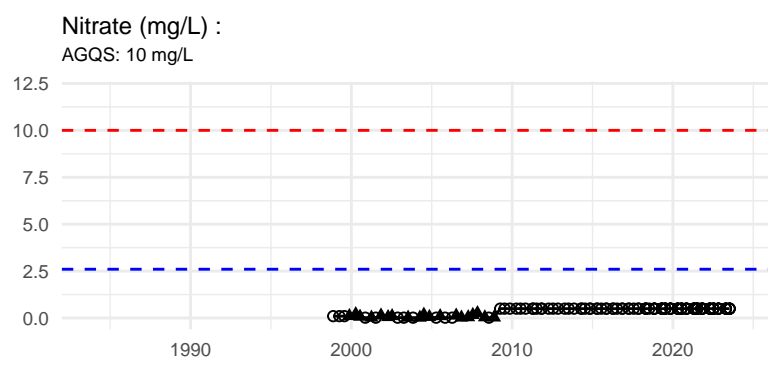
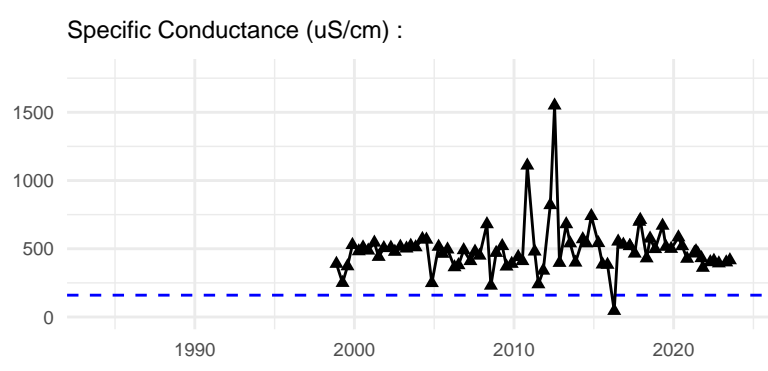
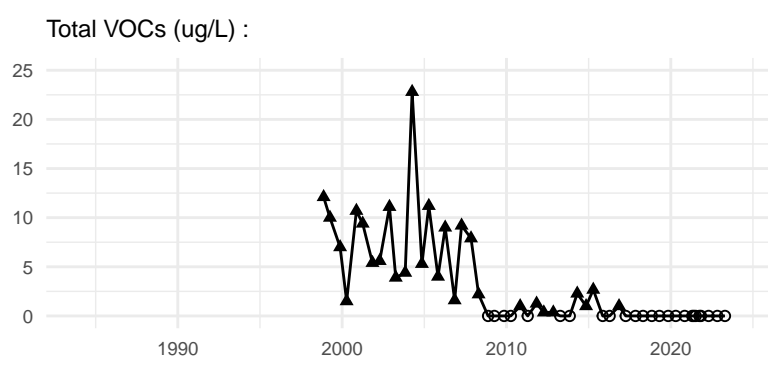
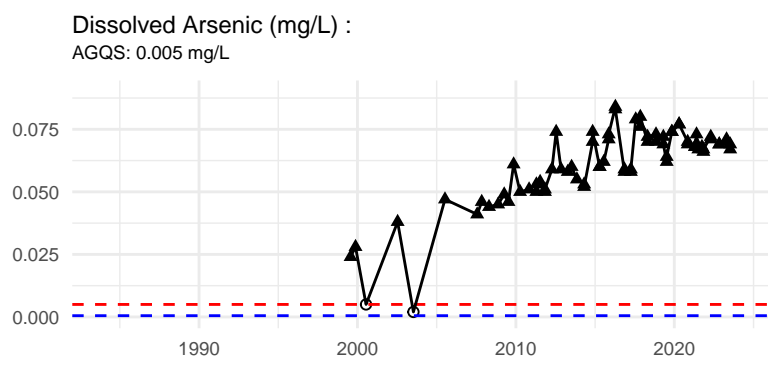
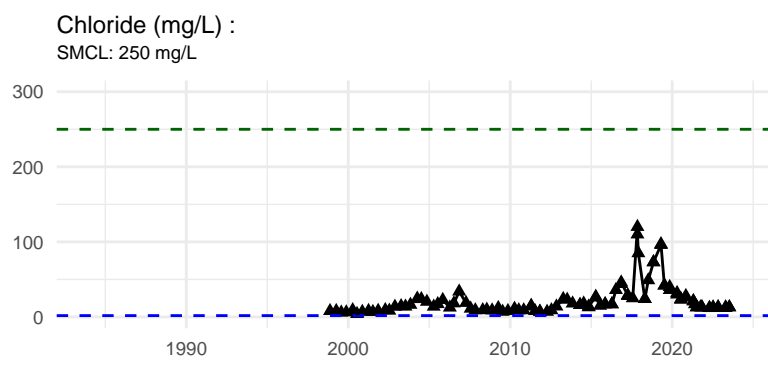
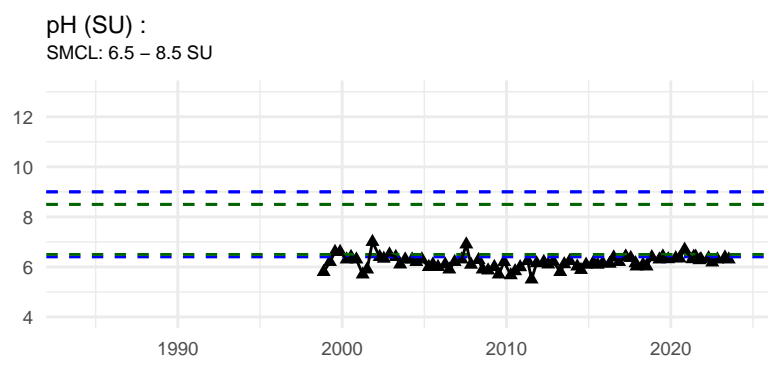
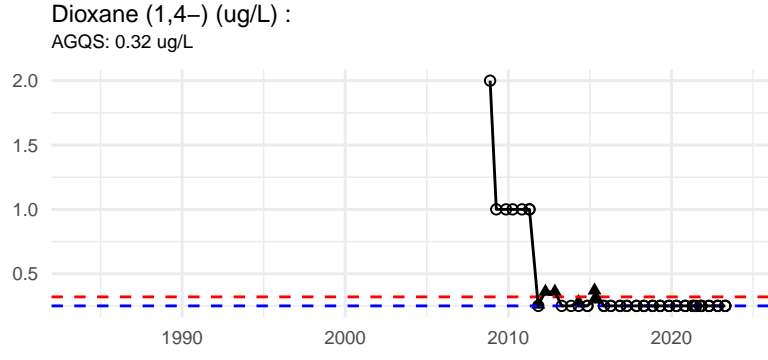
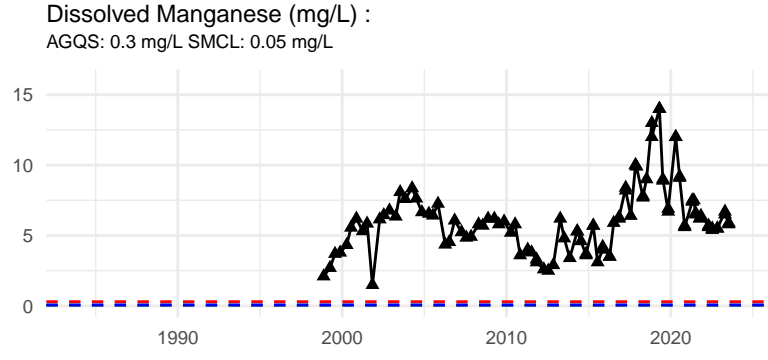
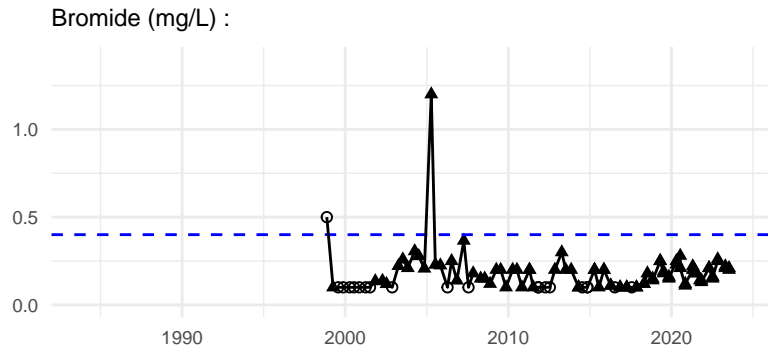
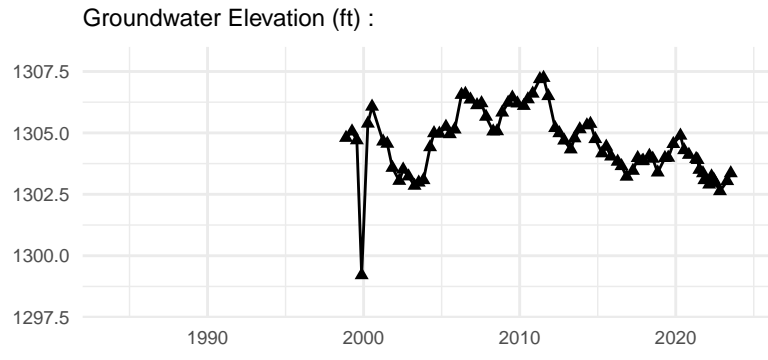
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



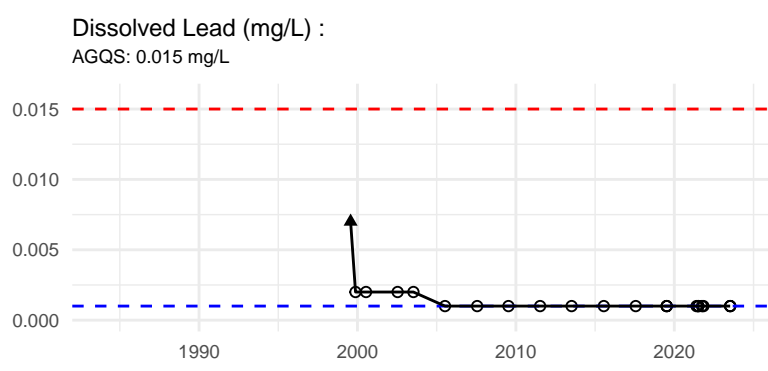
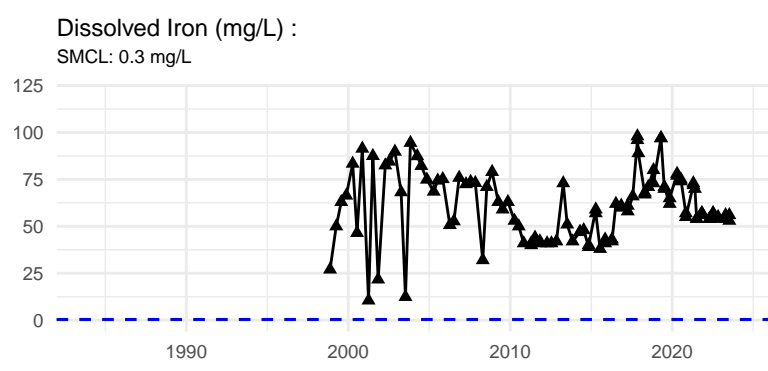
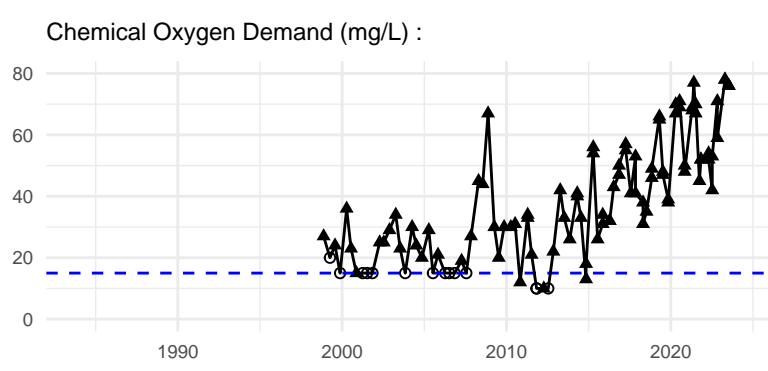
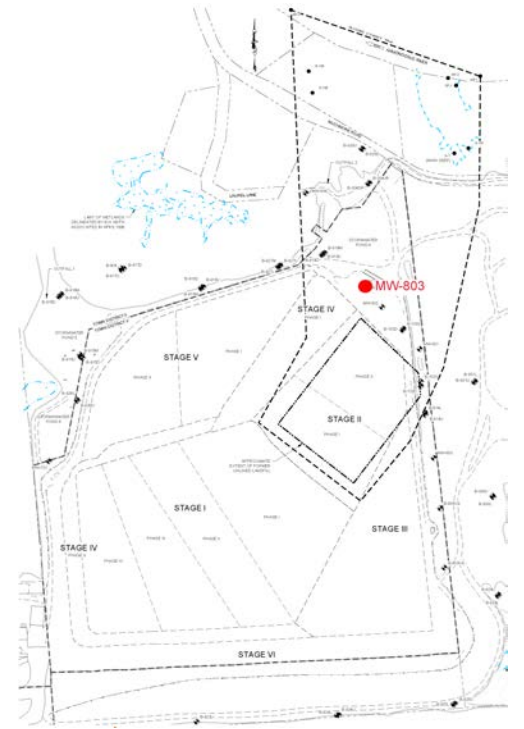
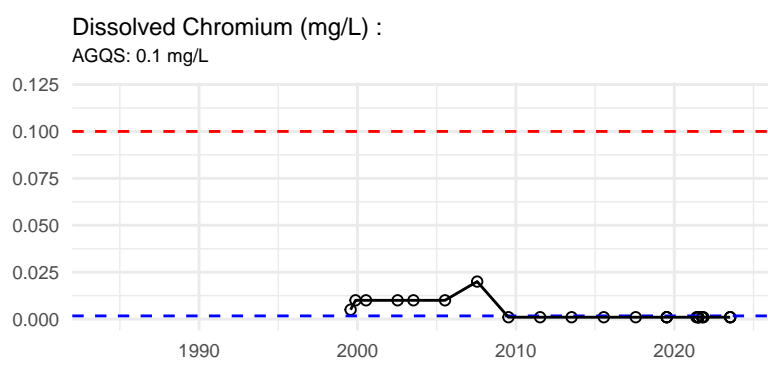
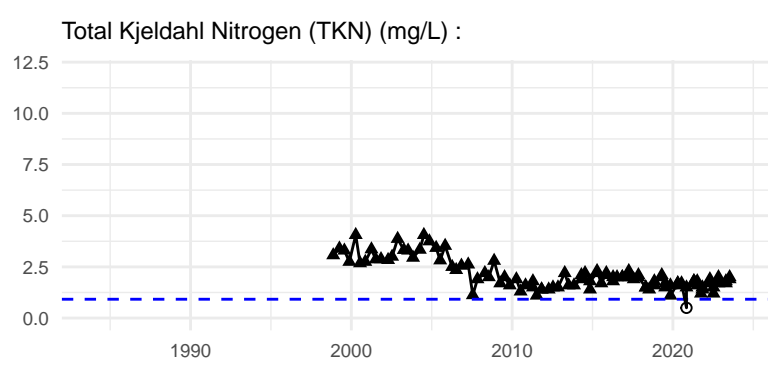
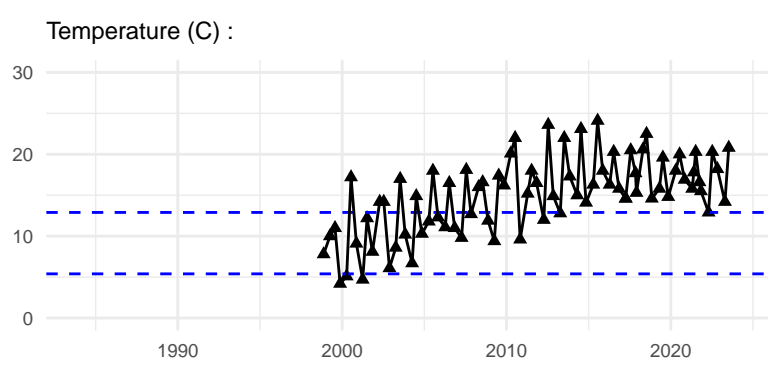


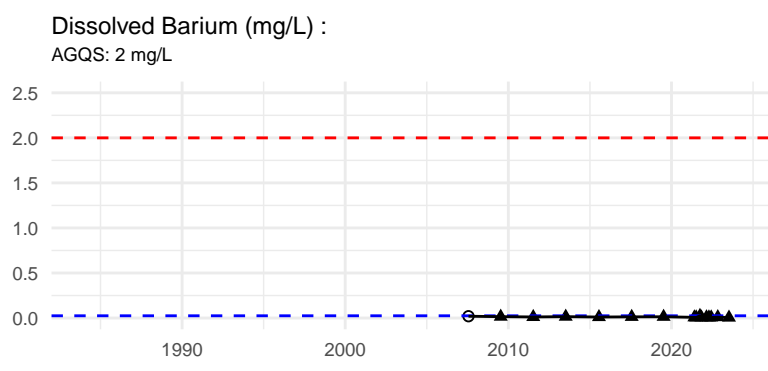
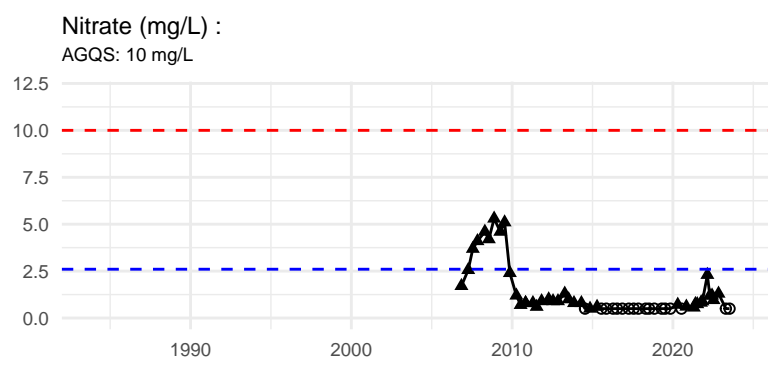
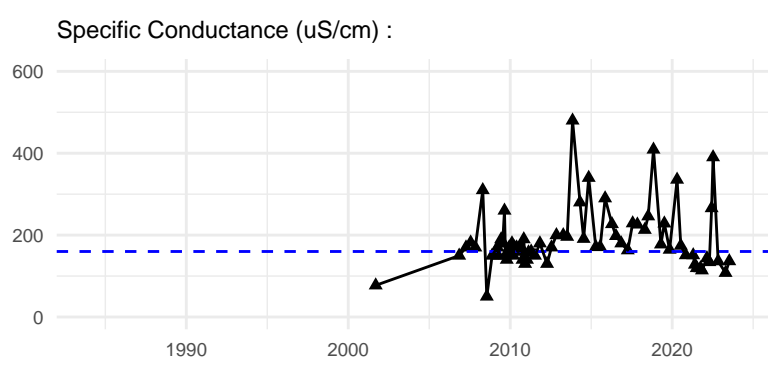
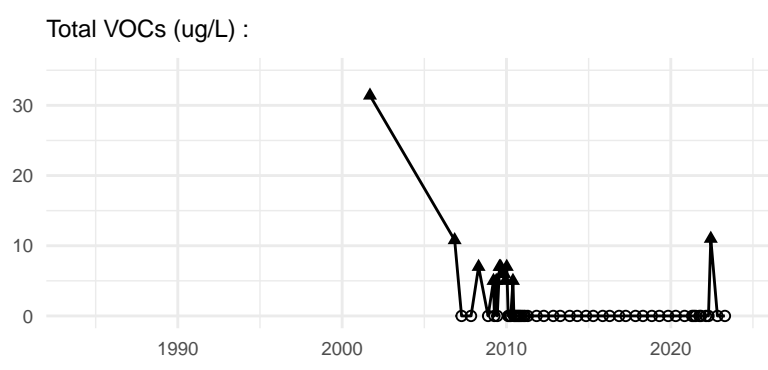
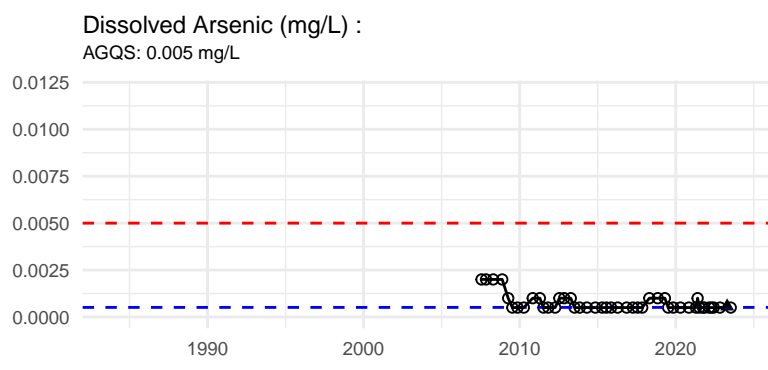
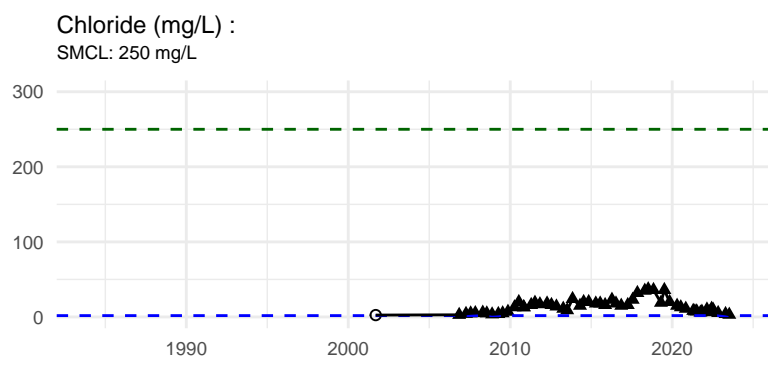
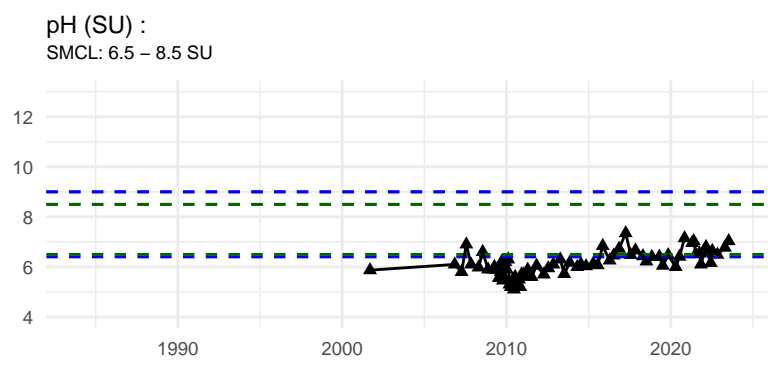
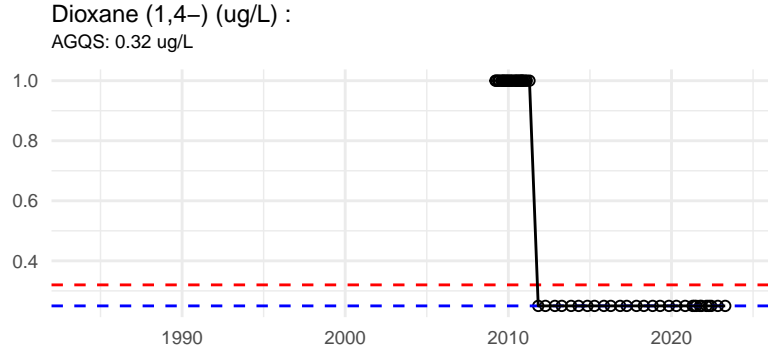
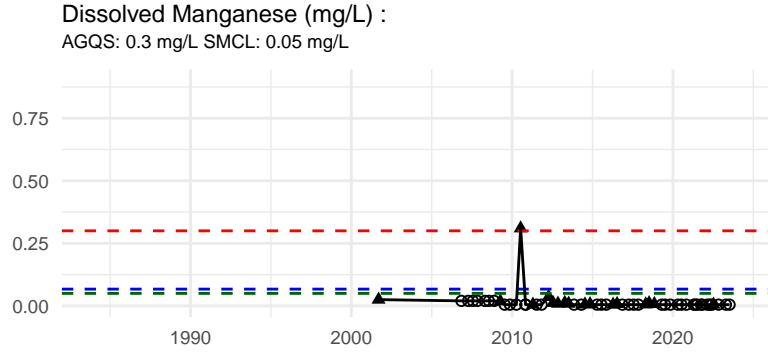
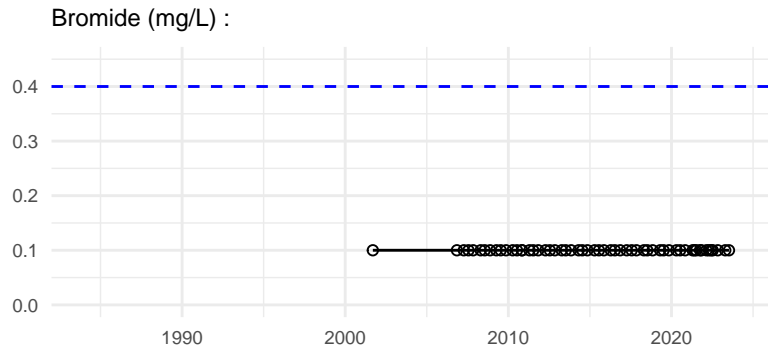
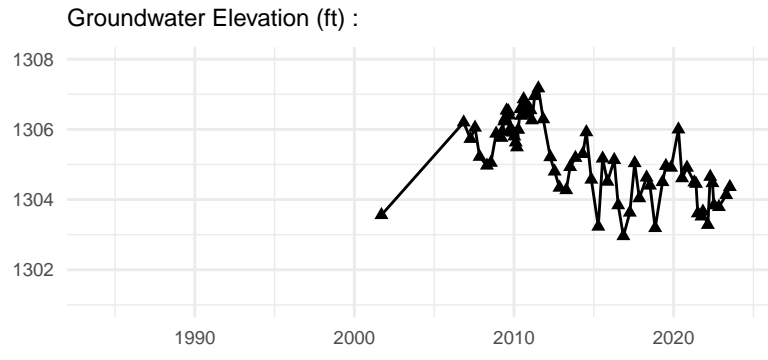
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



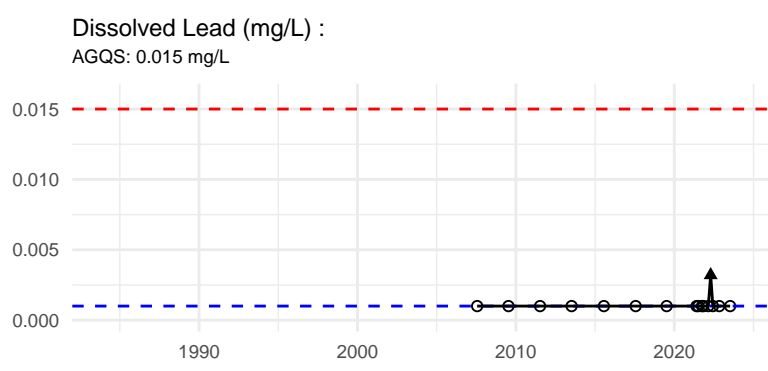
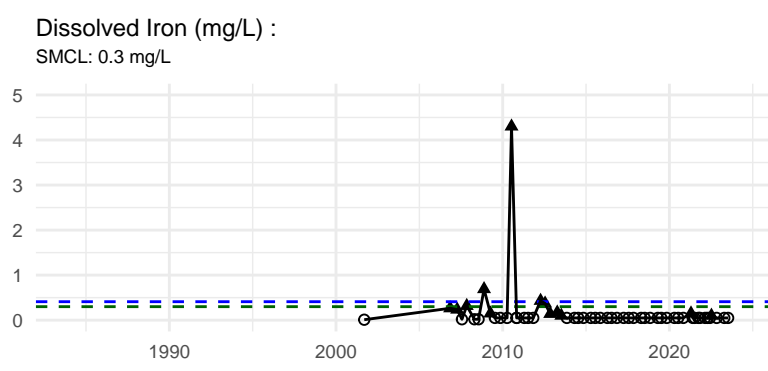
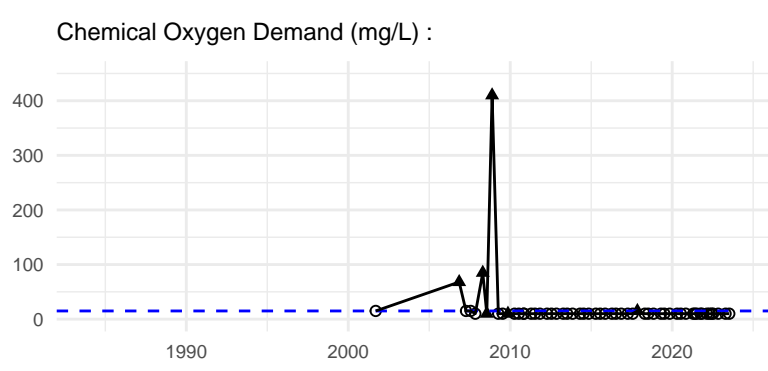
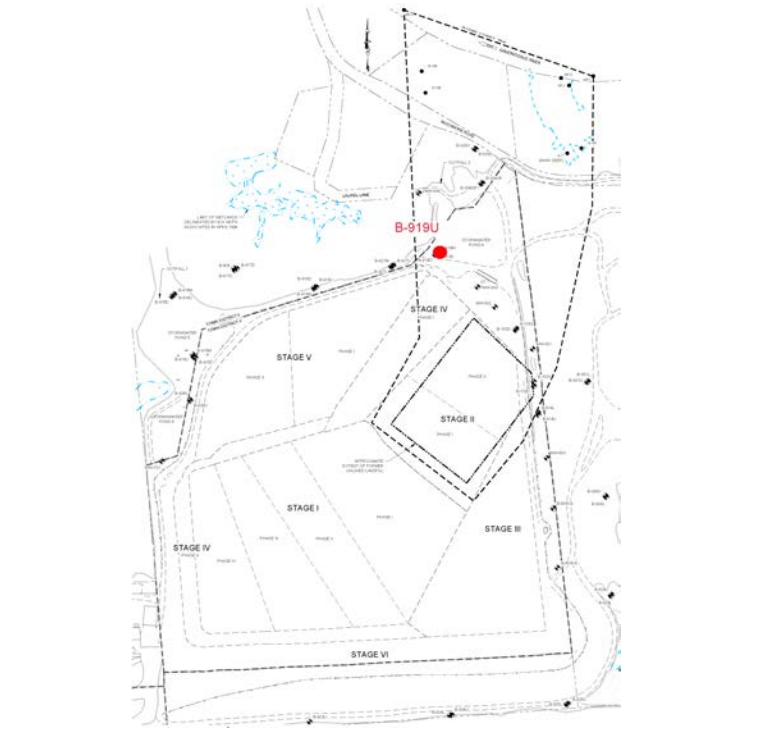
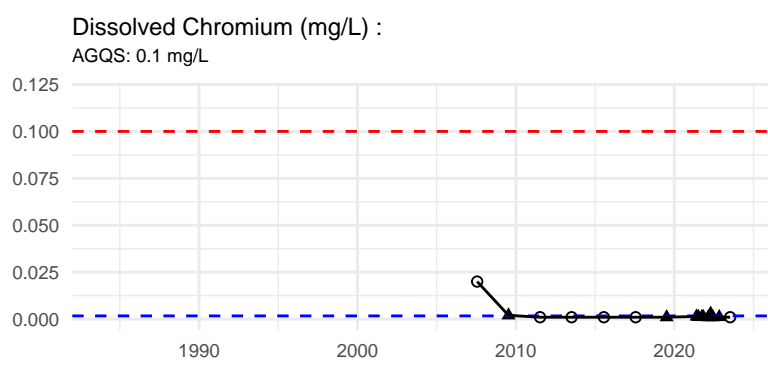
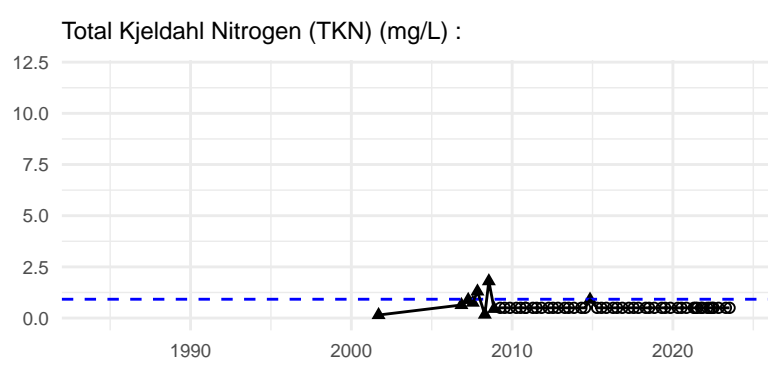
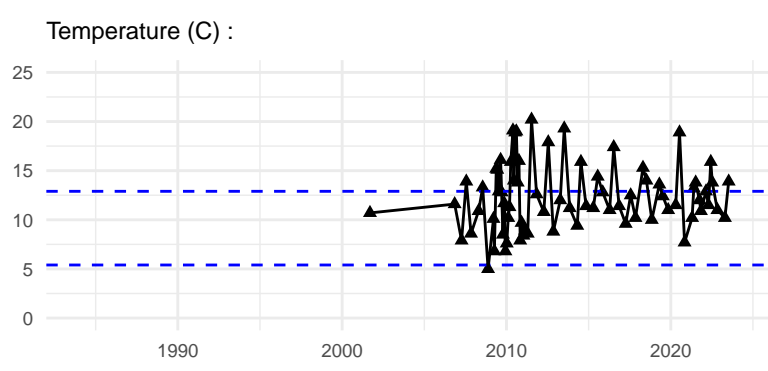


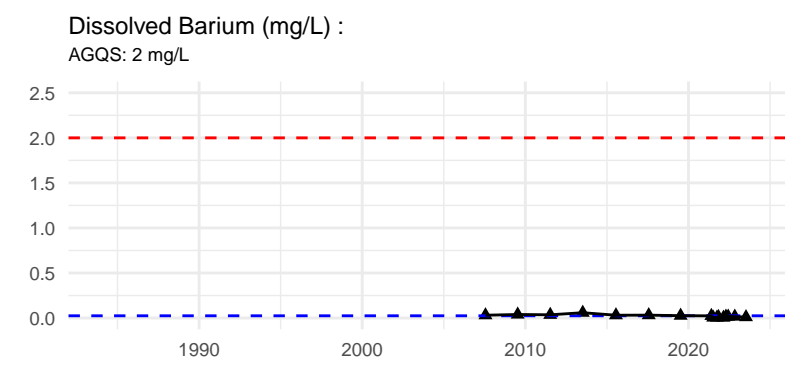
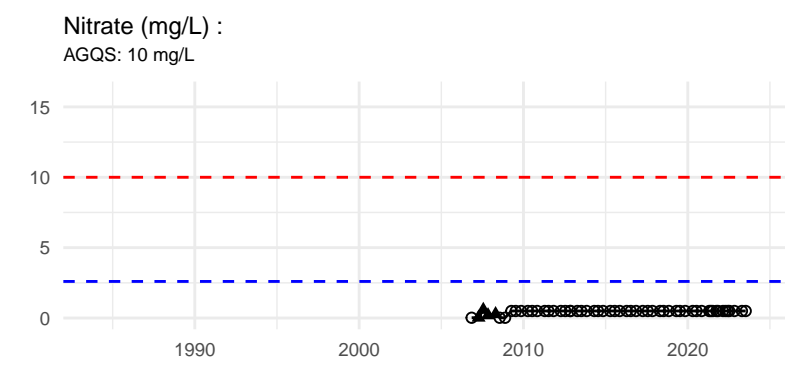
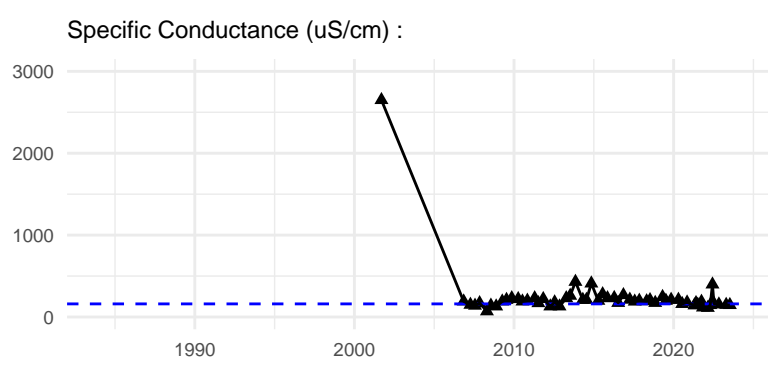
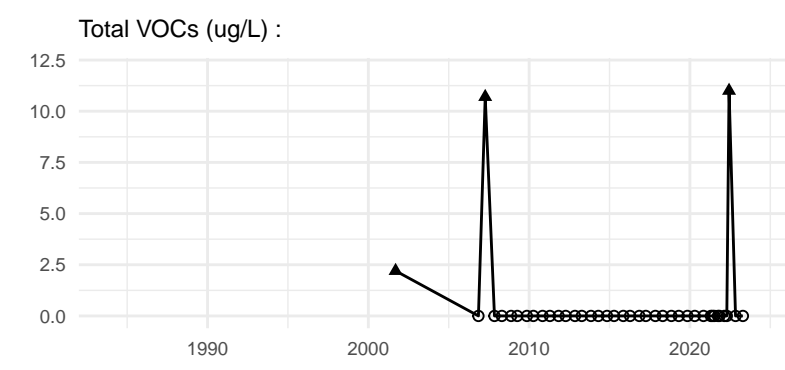
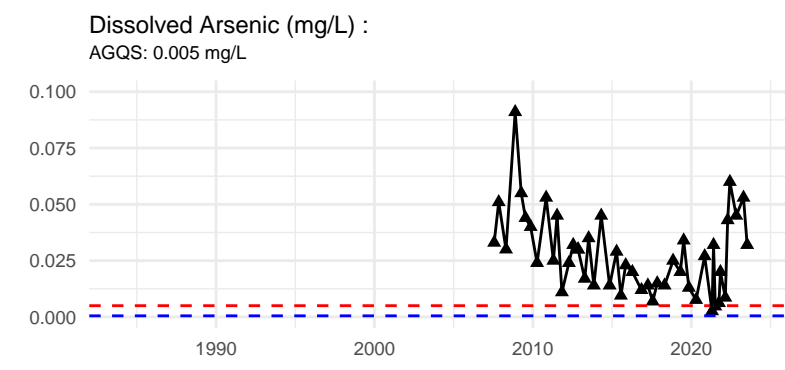
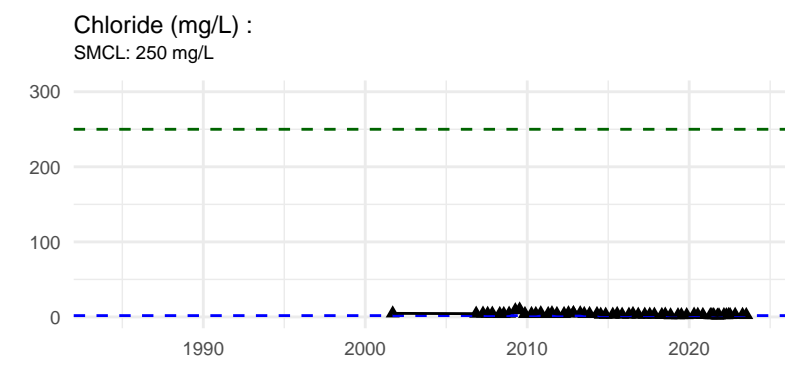
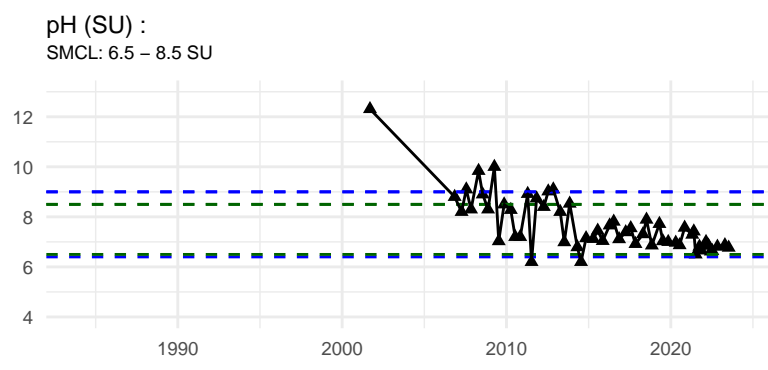
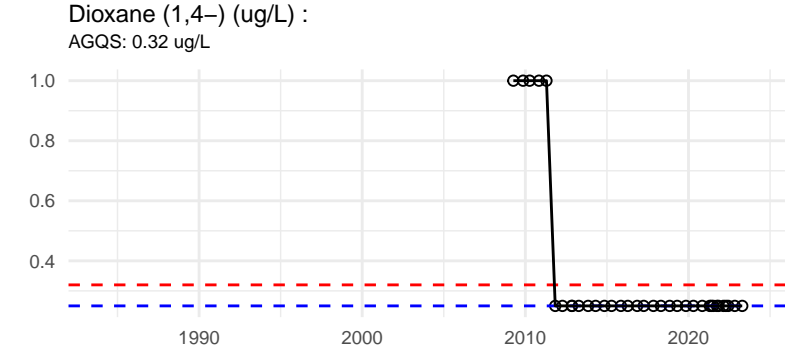
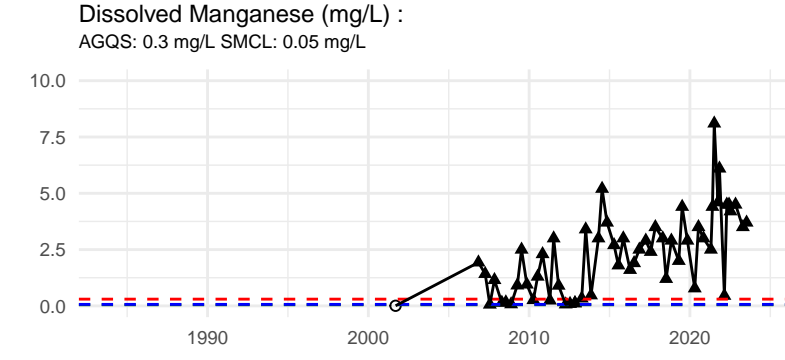
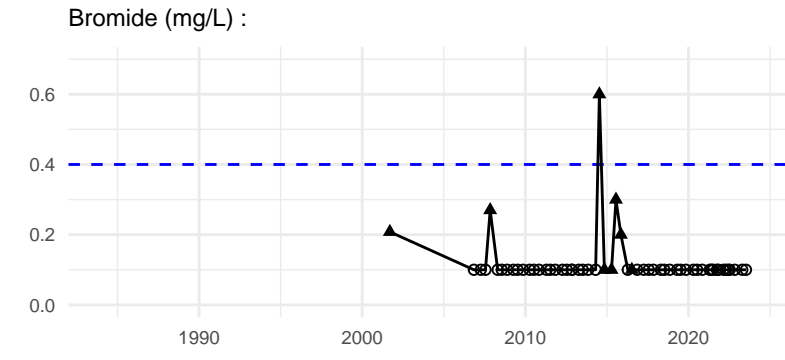
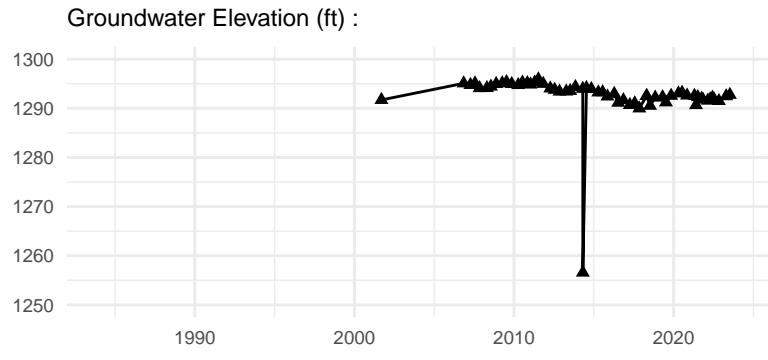
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



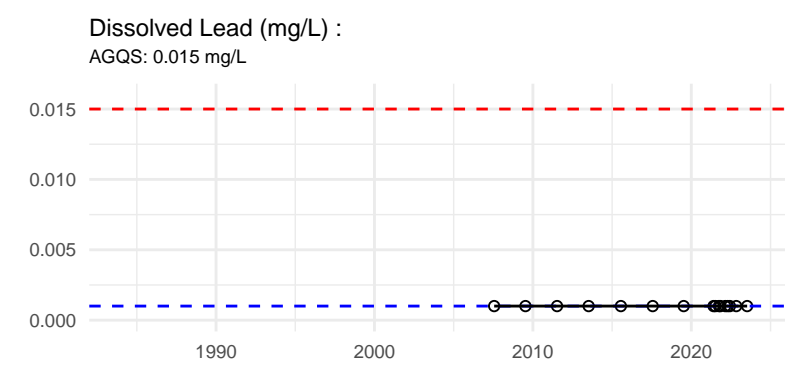
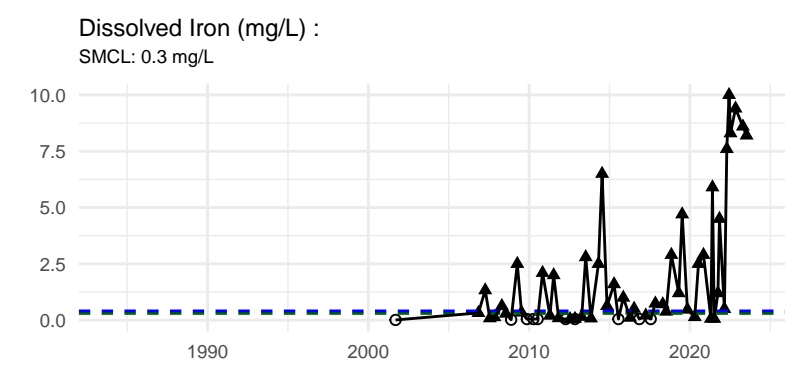
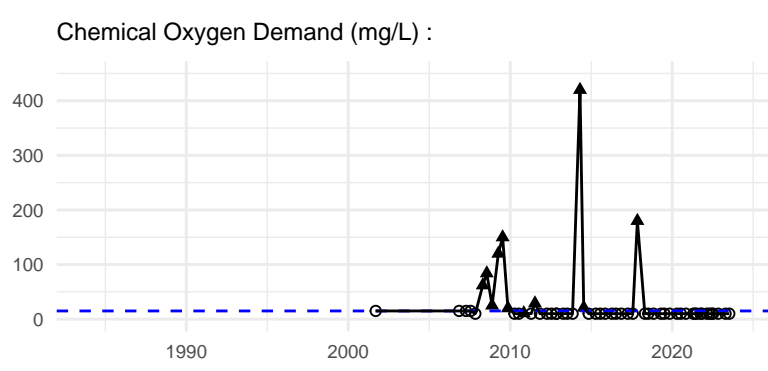
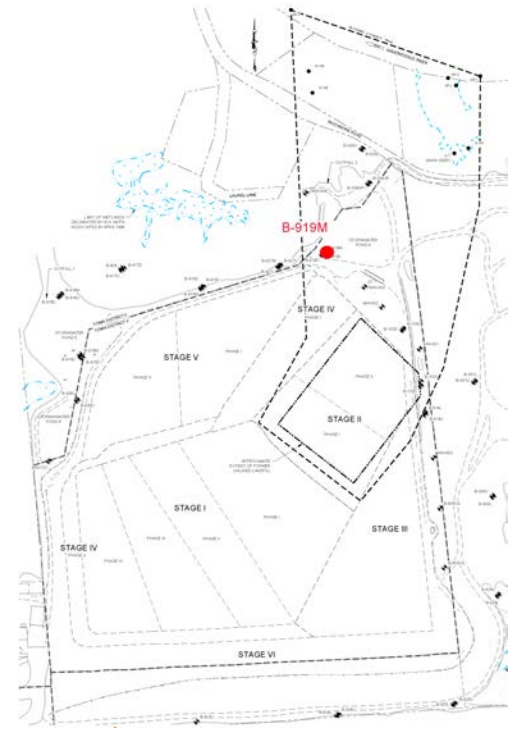
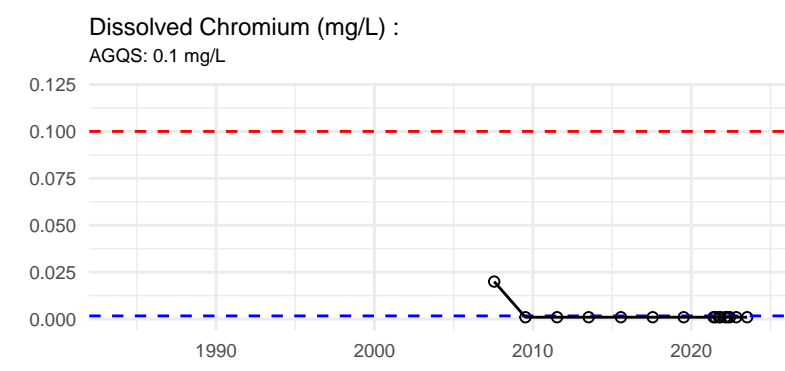
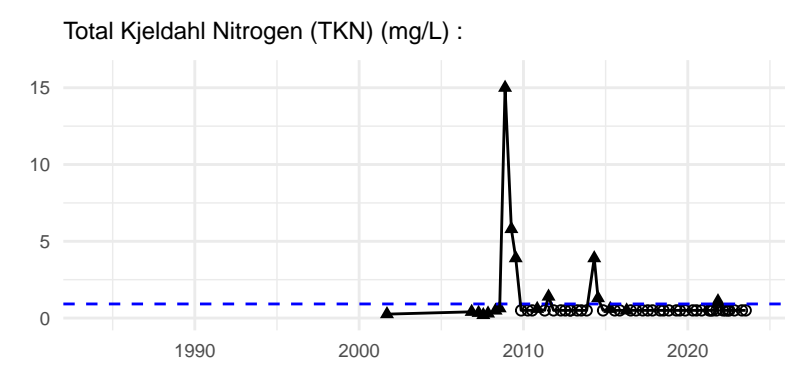
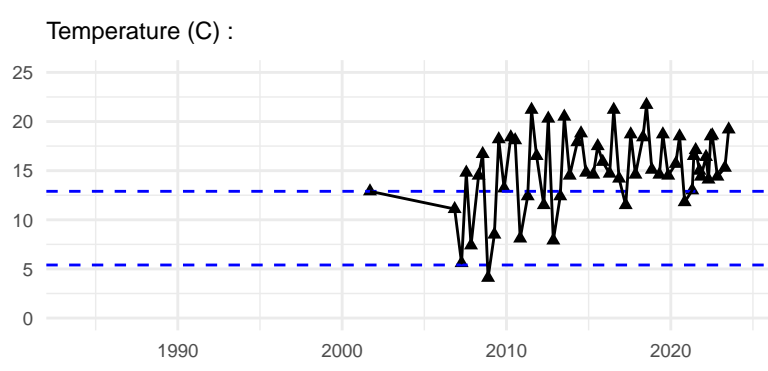


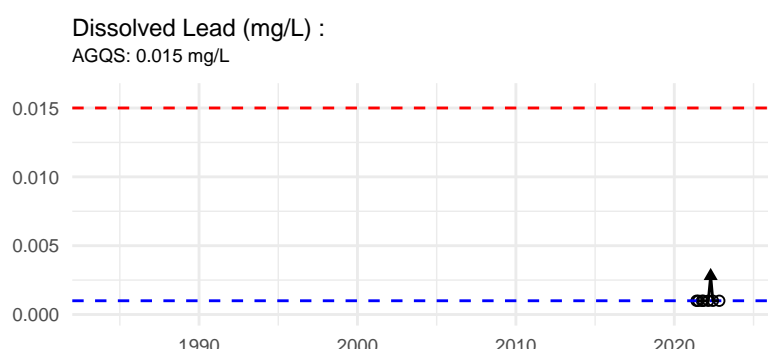
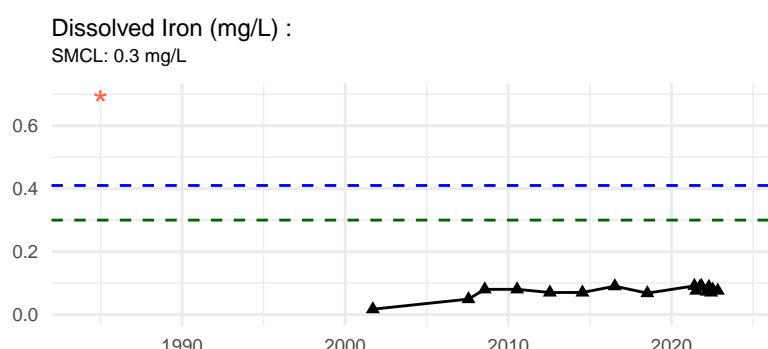
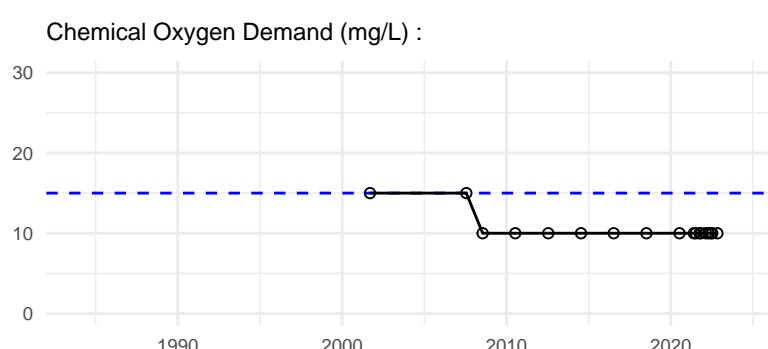
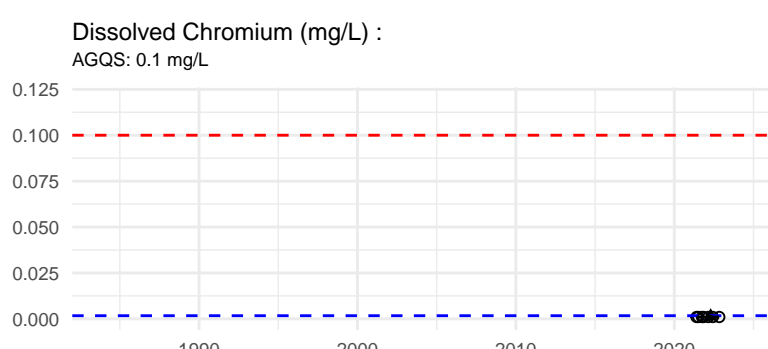
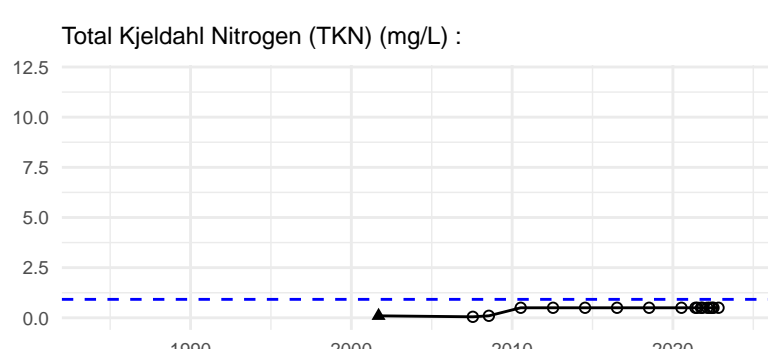
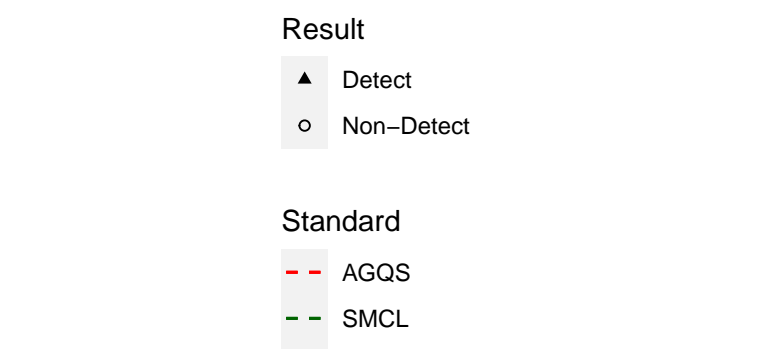
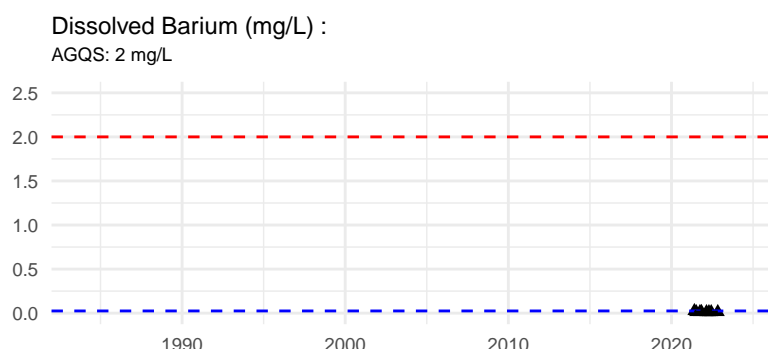
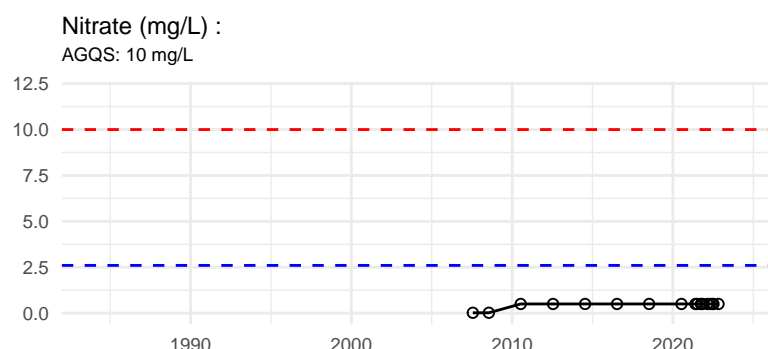
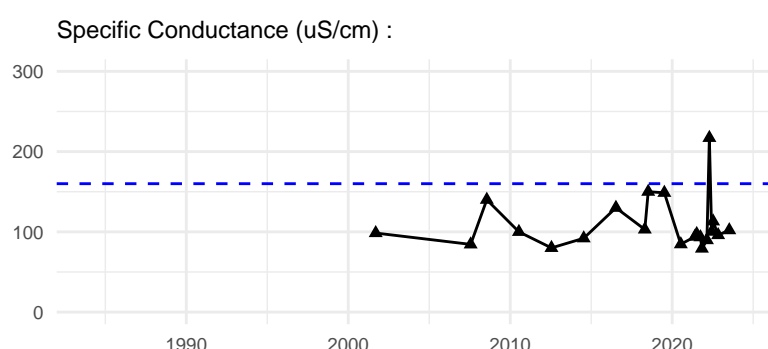
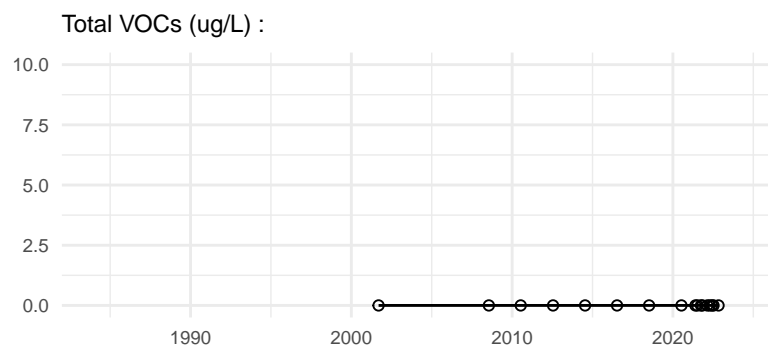
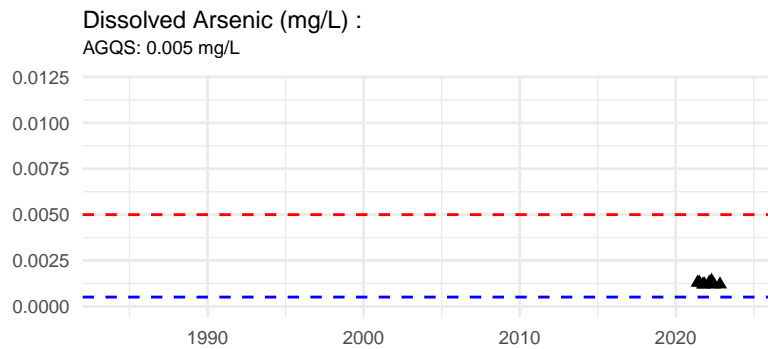
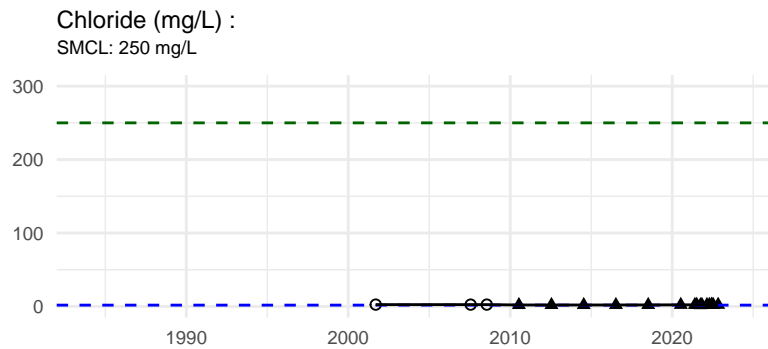
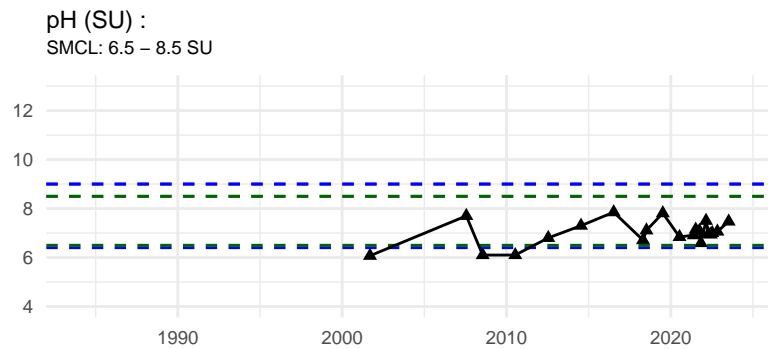
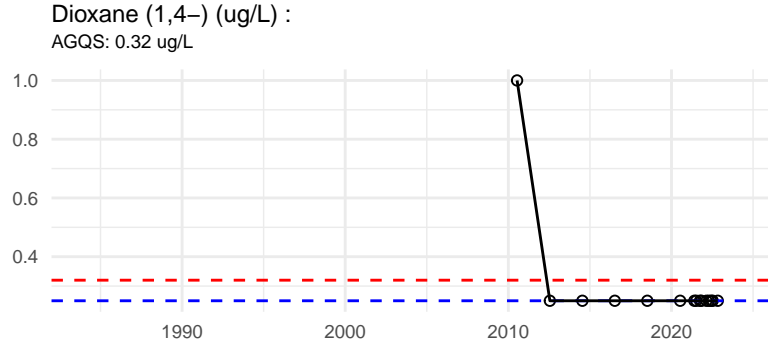
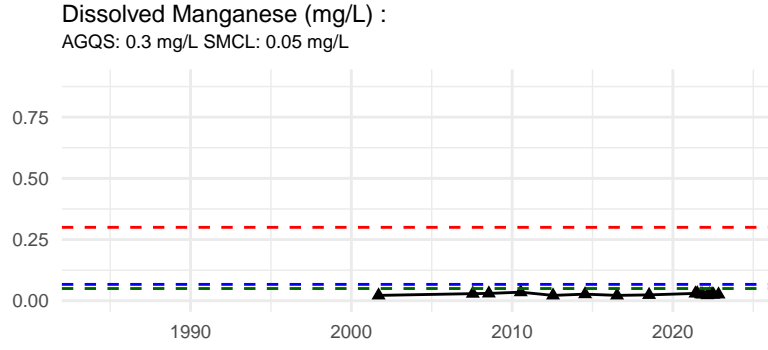
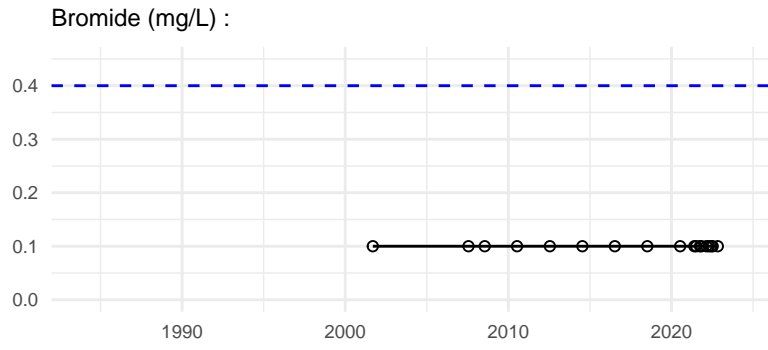
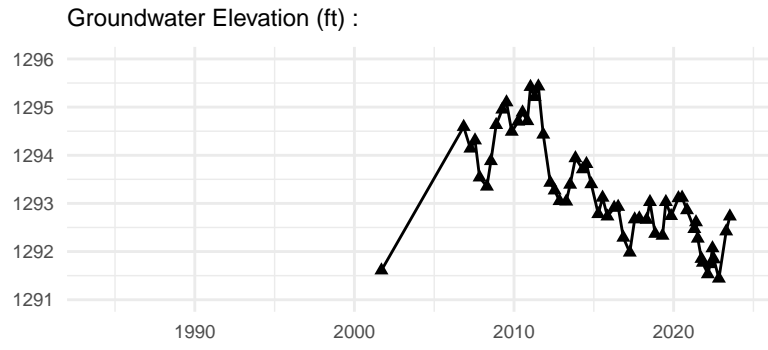
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



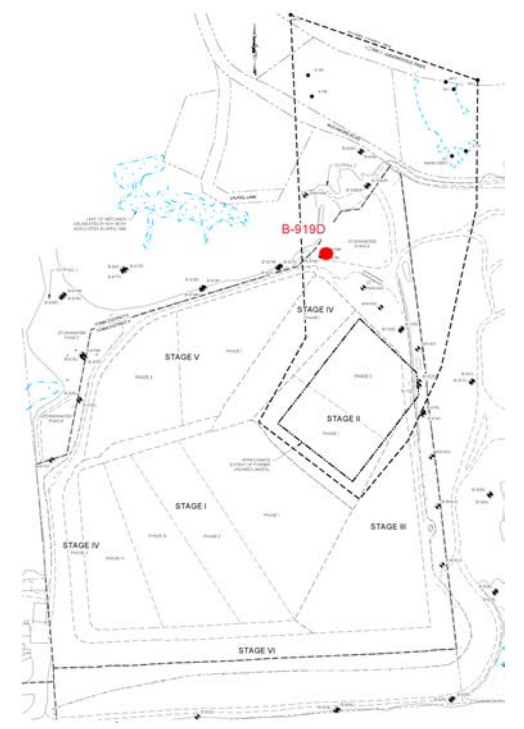


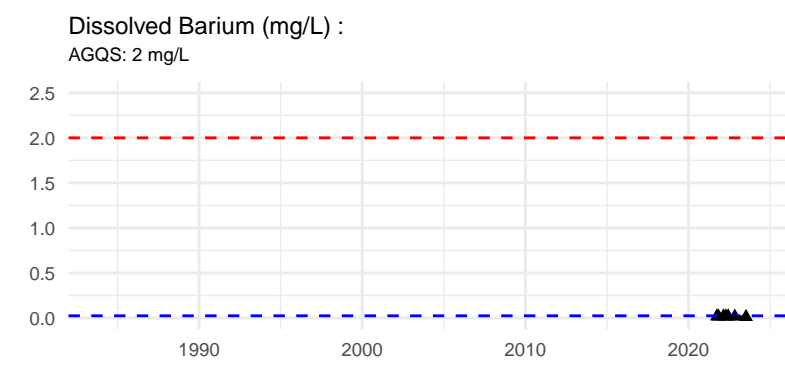
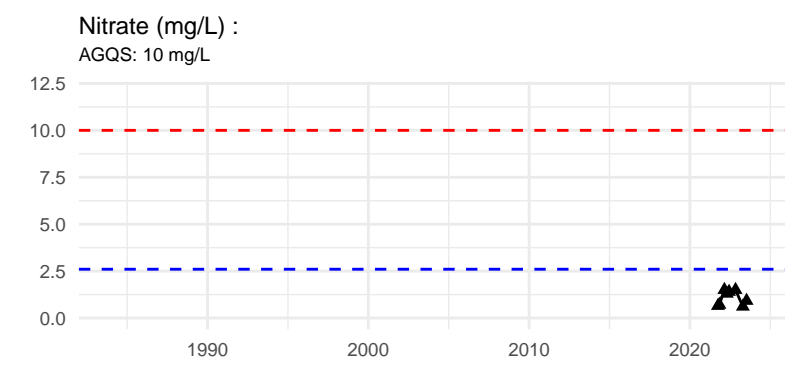
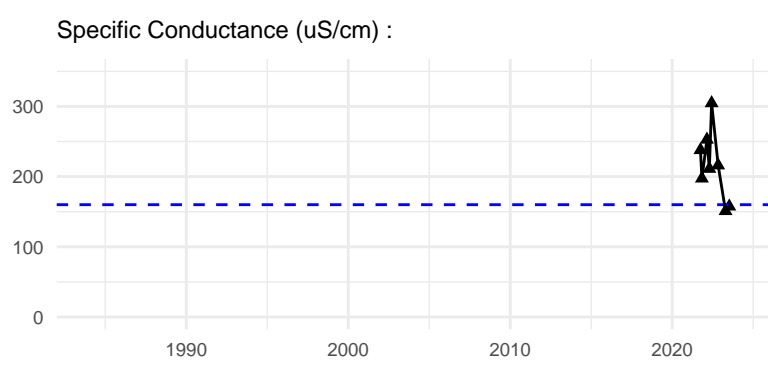
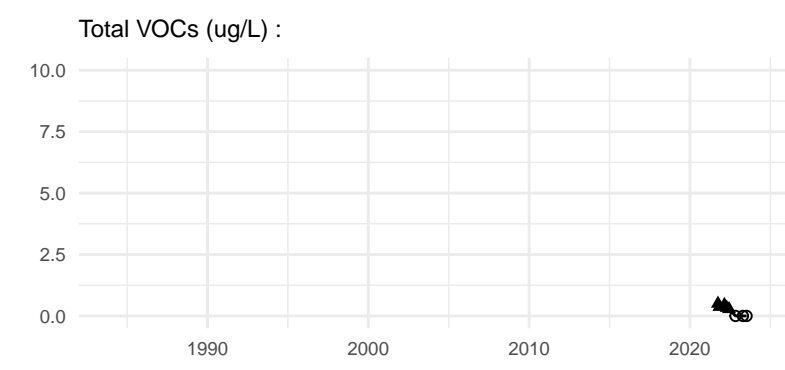
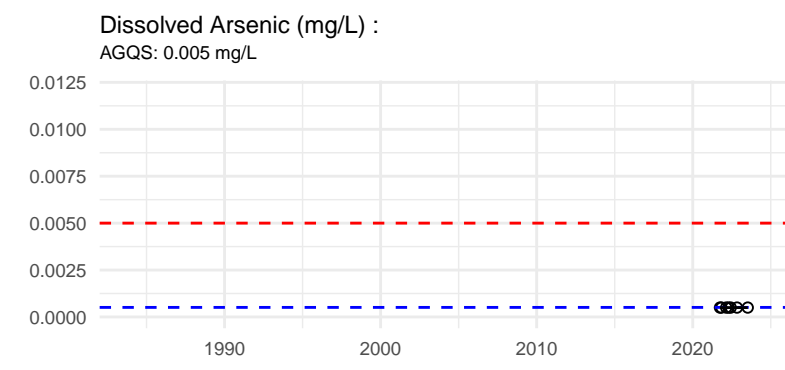
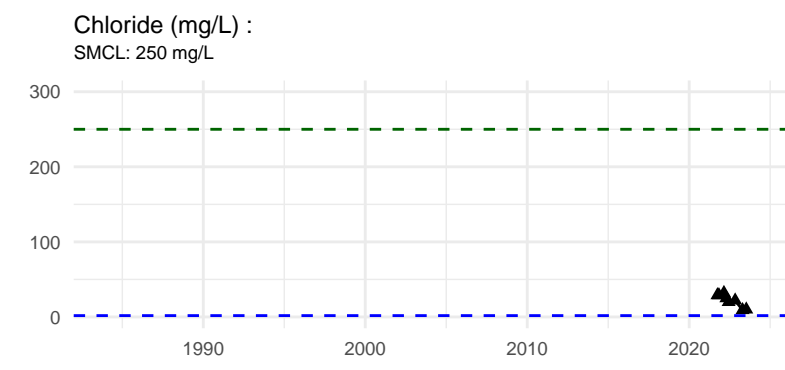
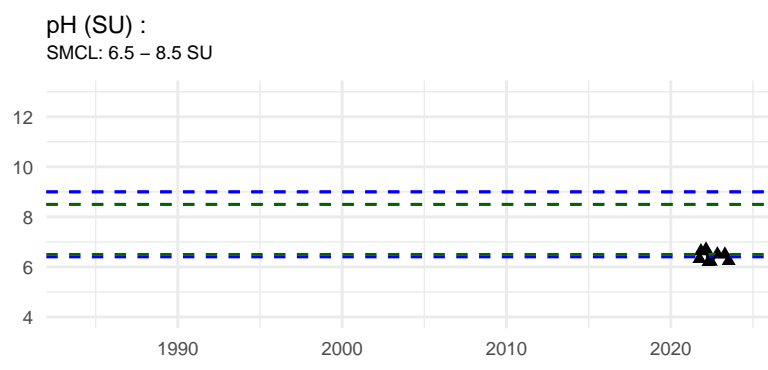
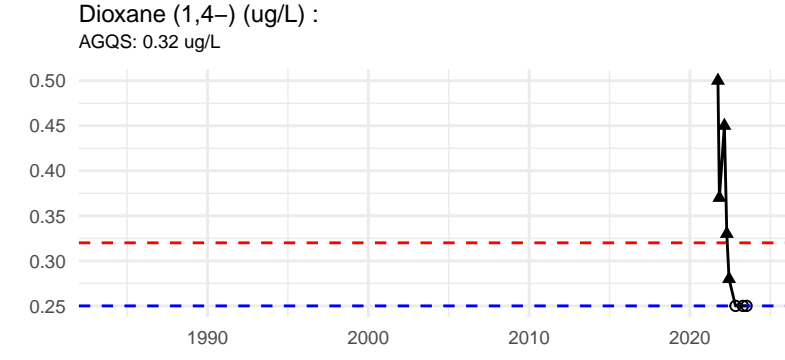
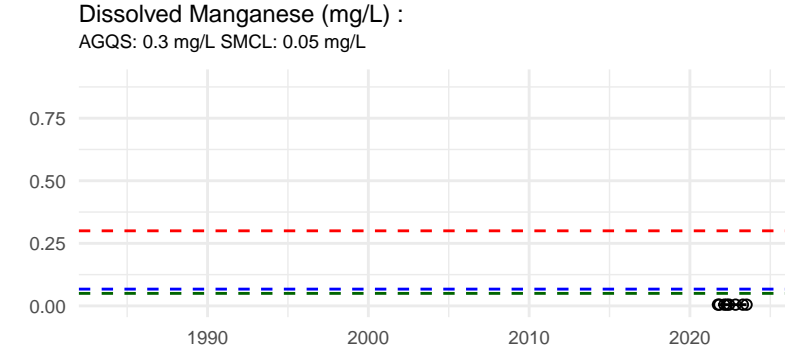
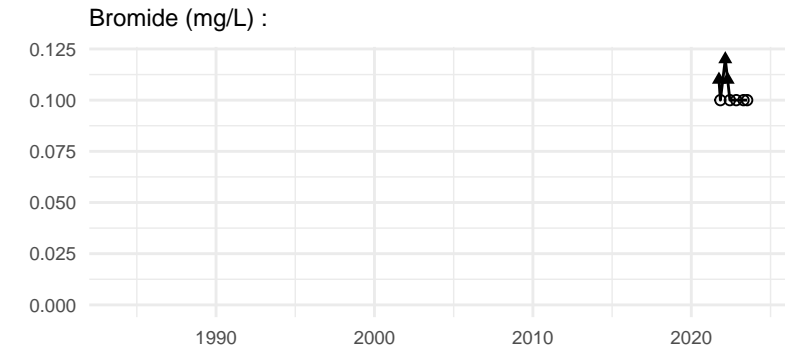
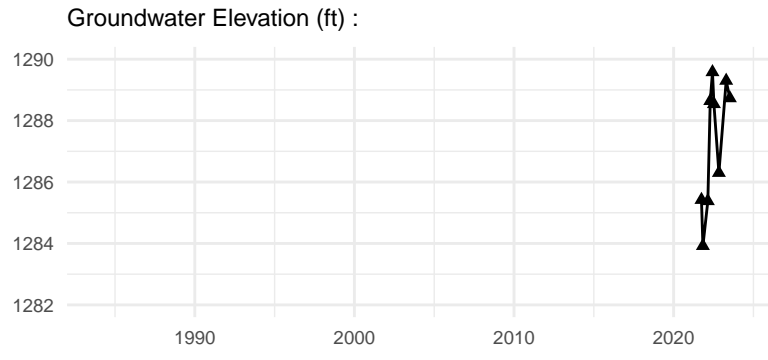
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



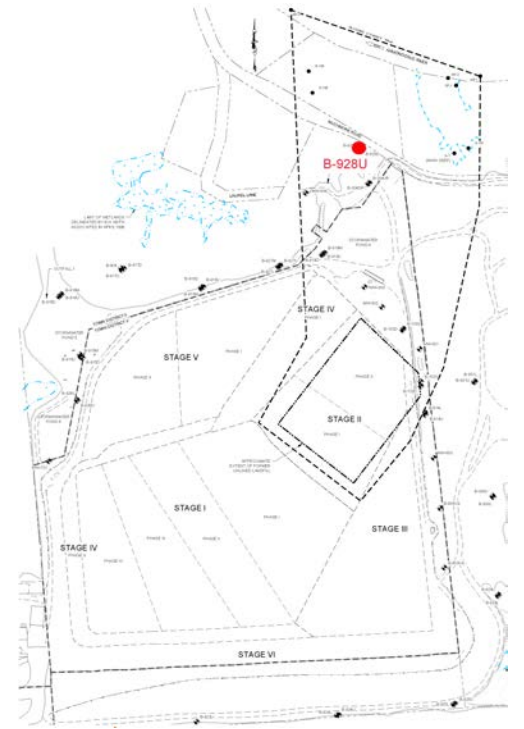
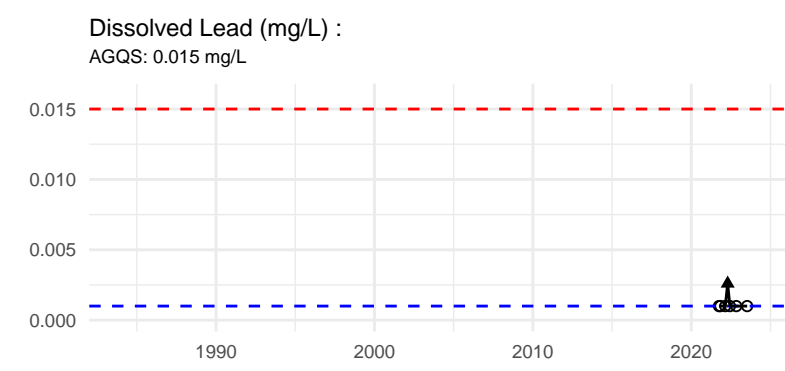
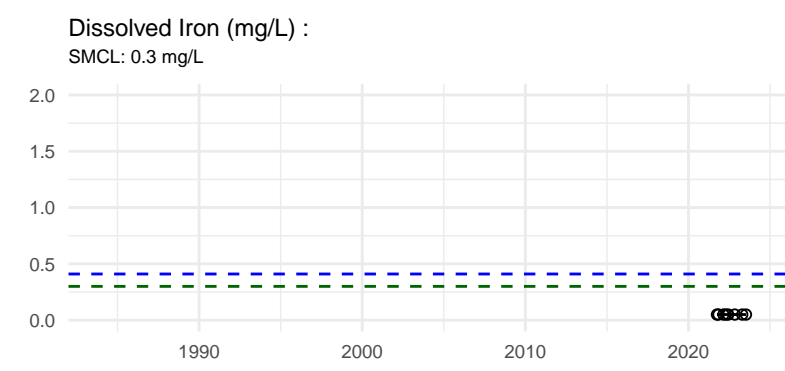
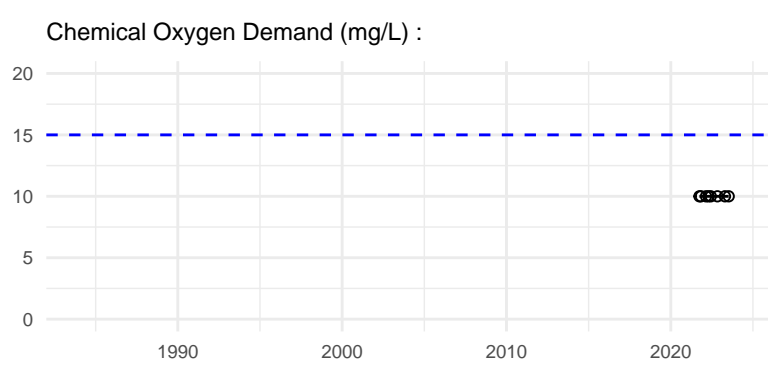
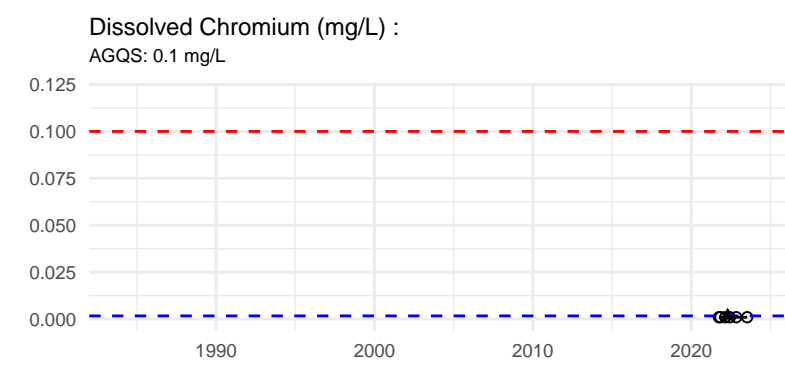
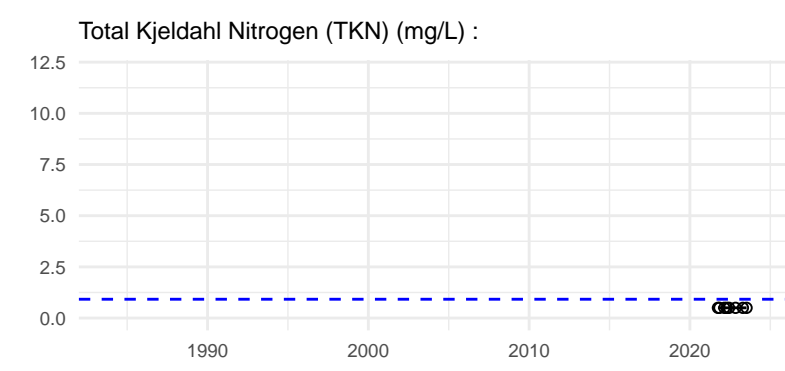
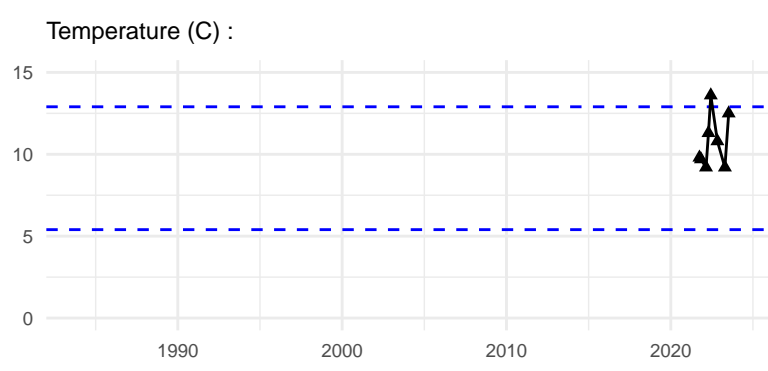


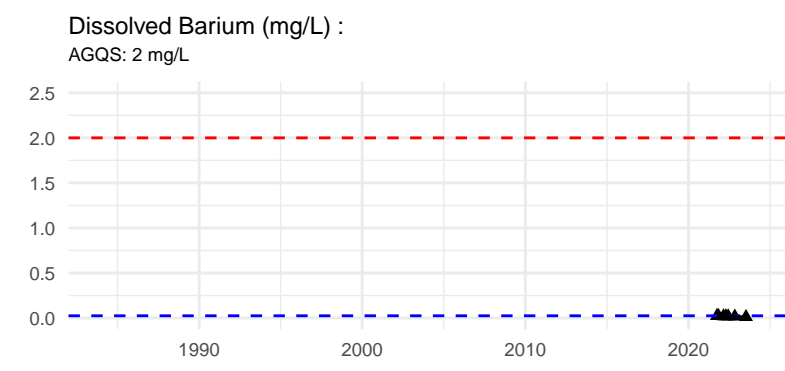
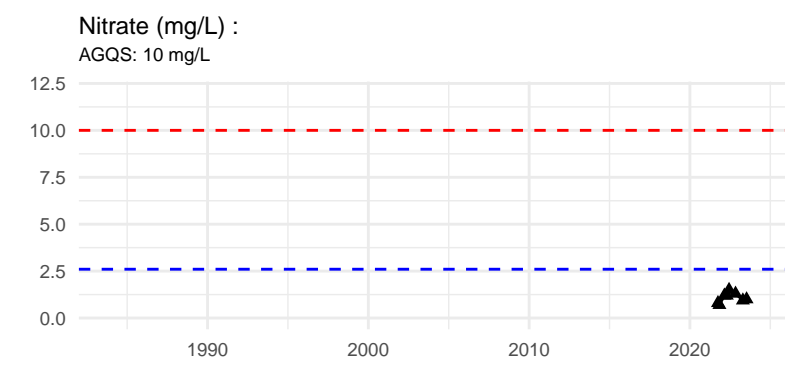
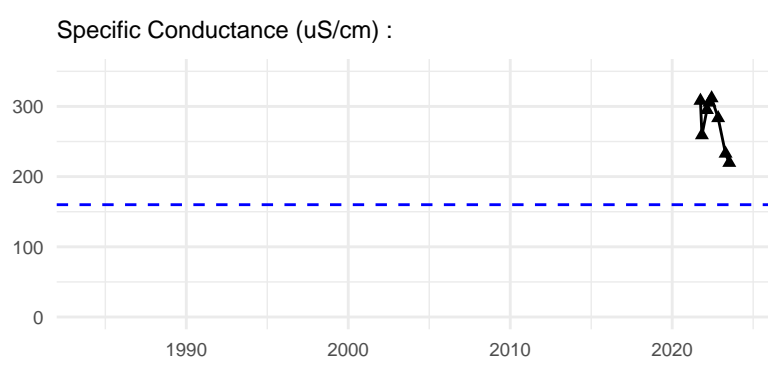
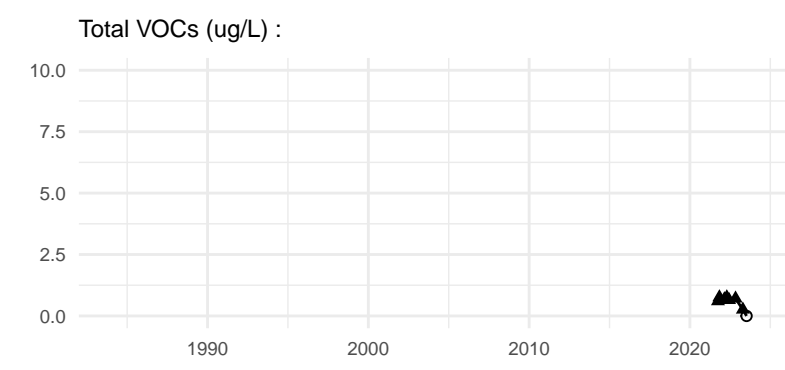
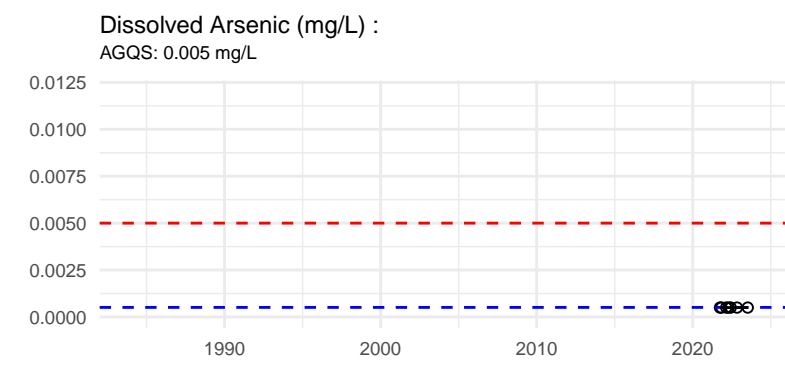
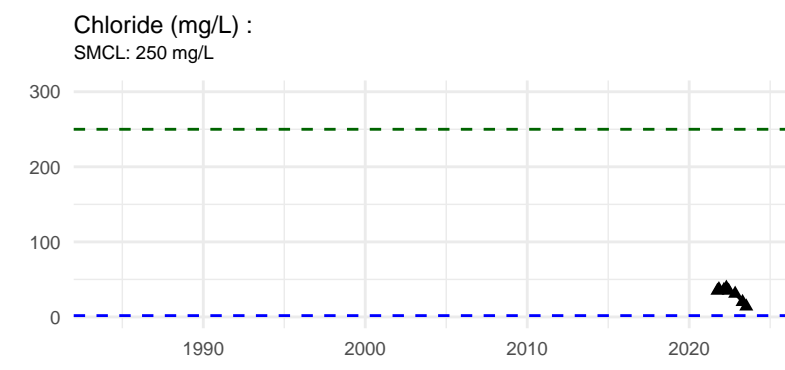
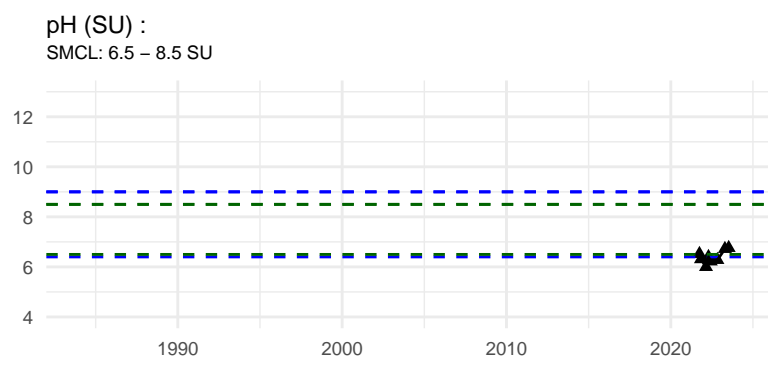
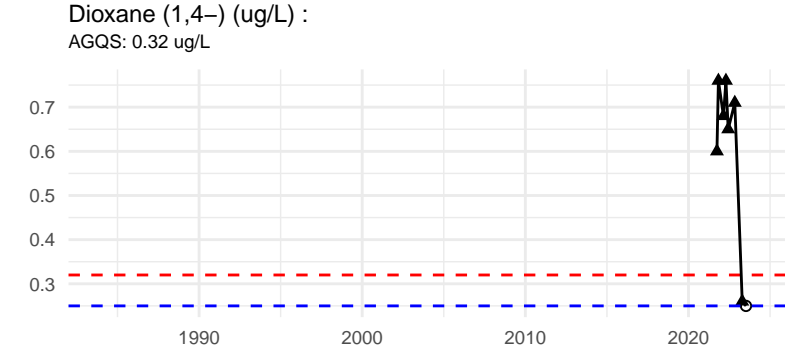
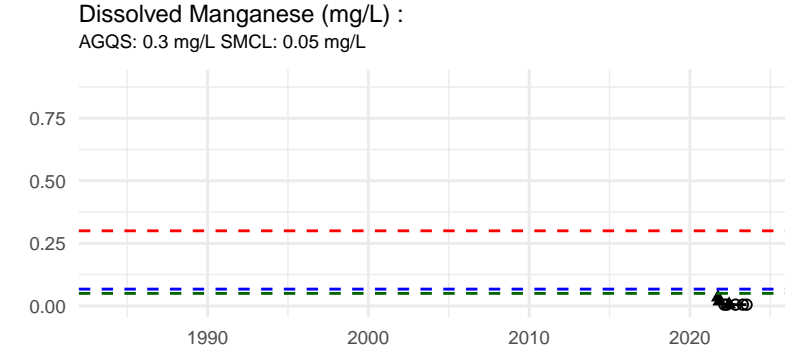
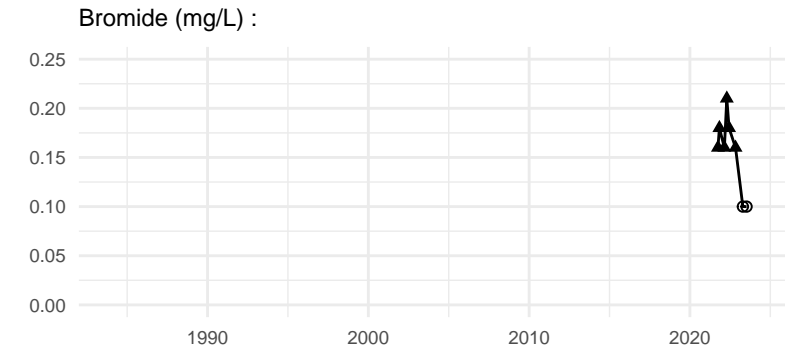
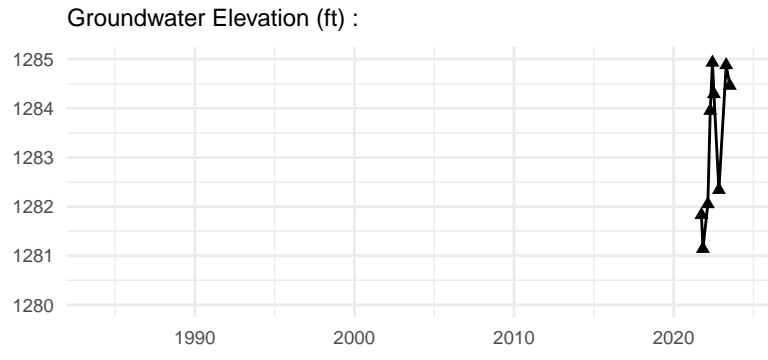
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



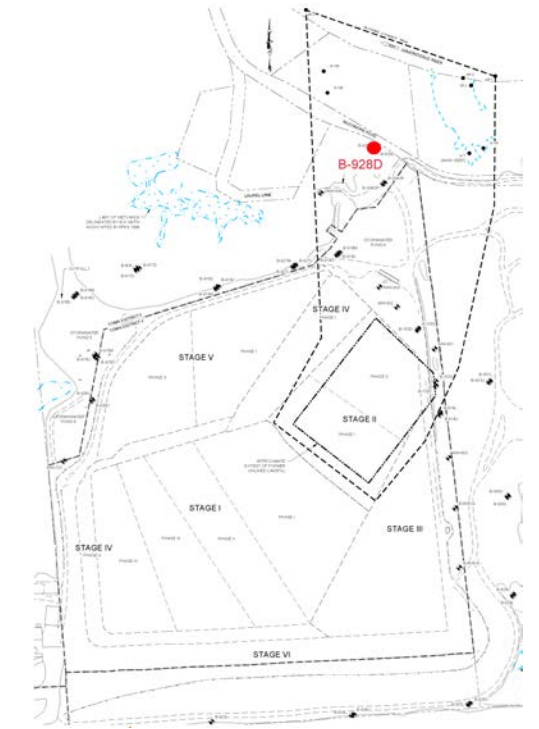
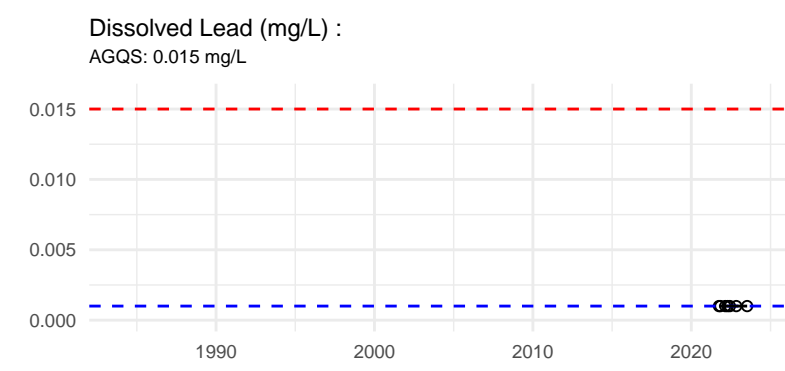
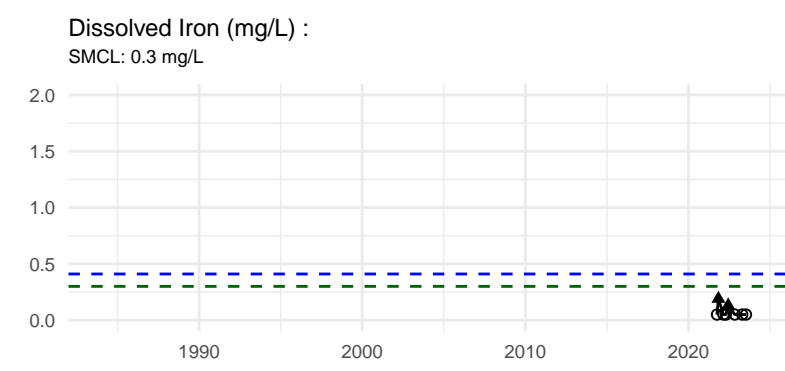
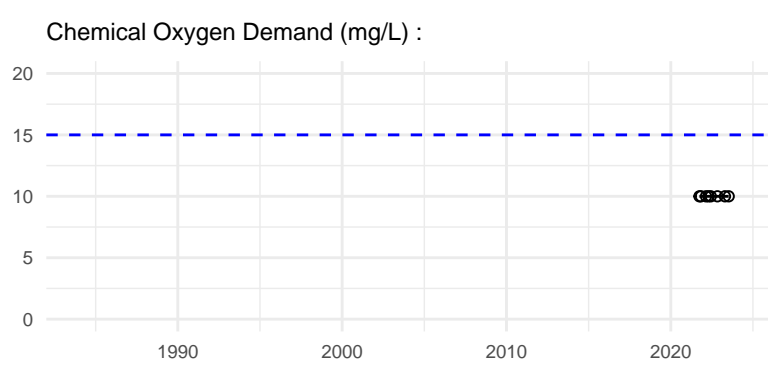
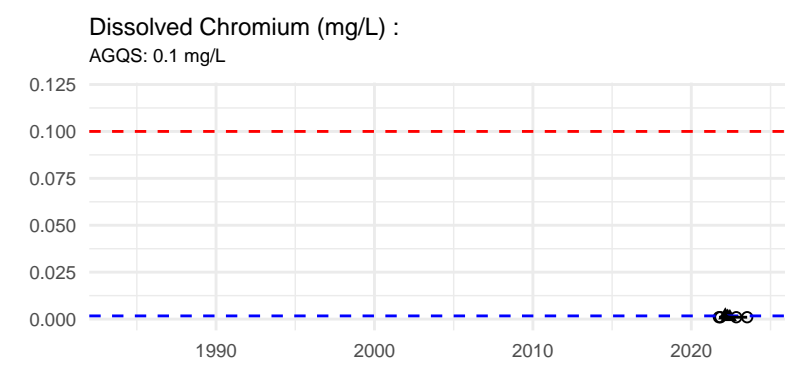
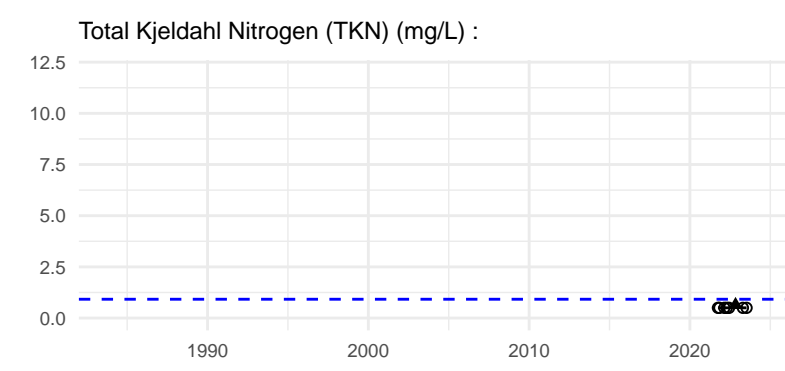
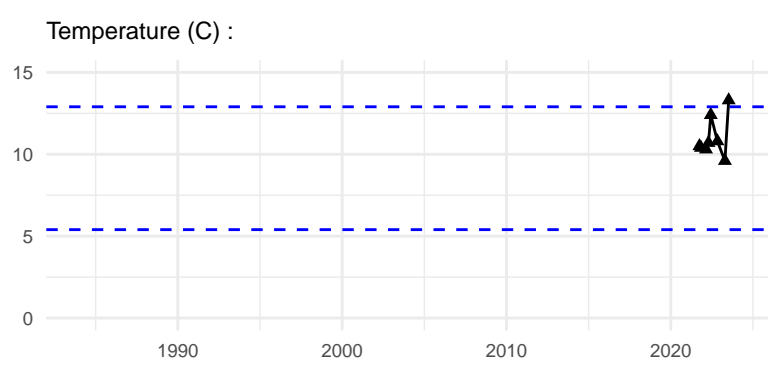


Result

- ▲ Detect
- Non-Detect

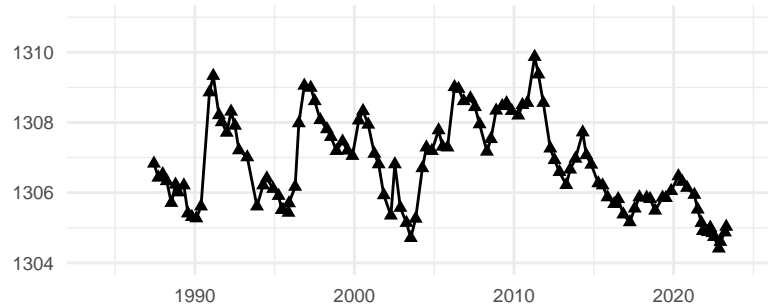
Standard

- - - AGQS
- - - SMCL
- - - Background

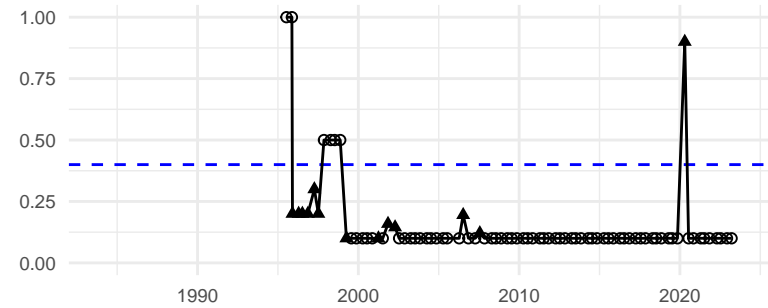


GROUNDWATER MANAGEMENT WELLS INSIDE THE GMZ

Groundwater Elevation (ft) :

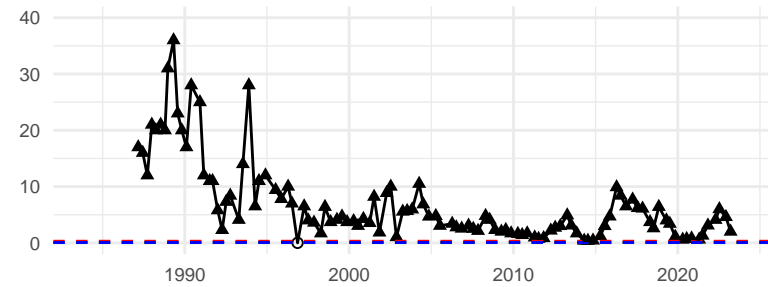


Bromide (mg/L) :



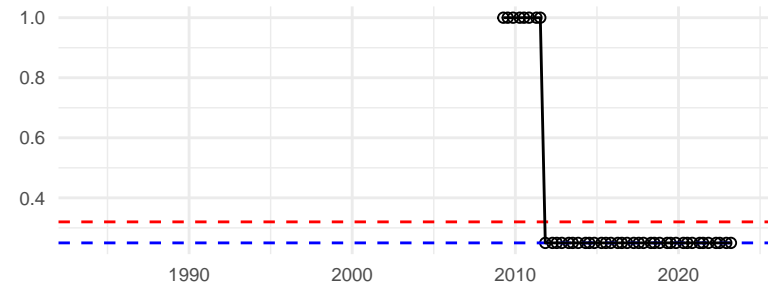
Dissolved Manganese (mg/L) :

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



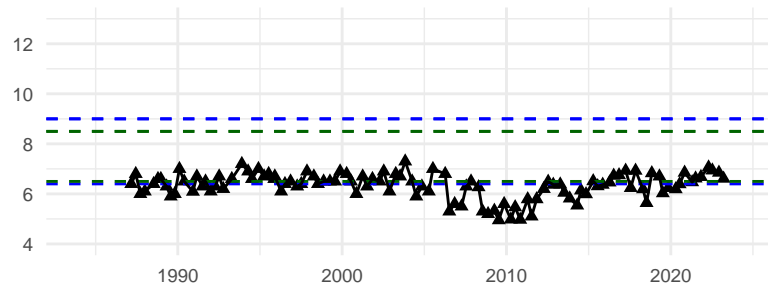
Dioxane (1,4-) (ug/L) :

AGQS: 0.32 ug/L



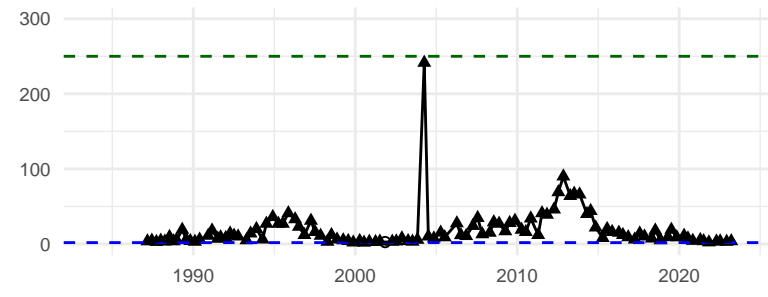
pH (SU) :

SMCL: 6.5 - 8.5 SU



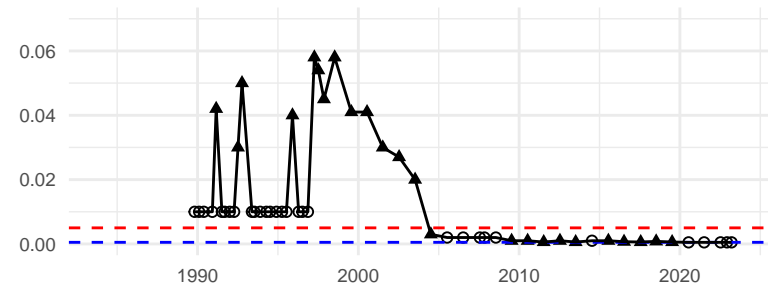
Chloride (mg/L) :

SMCL: 250 mg/L

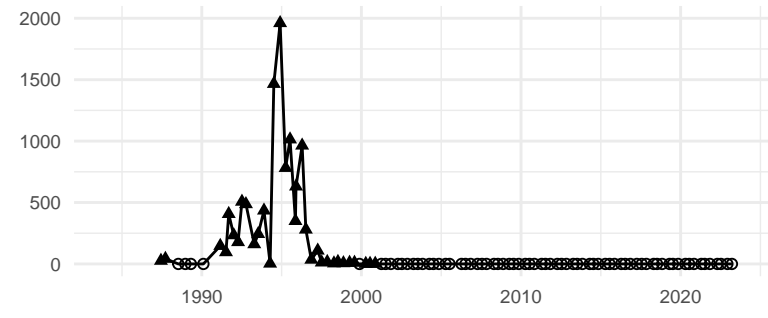


Dissolved Arsenic (mg/L) :

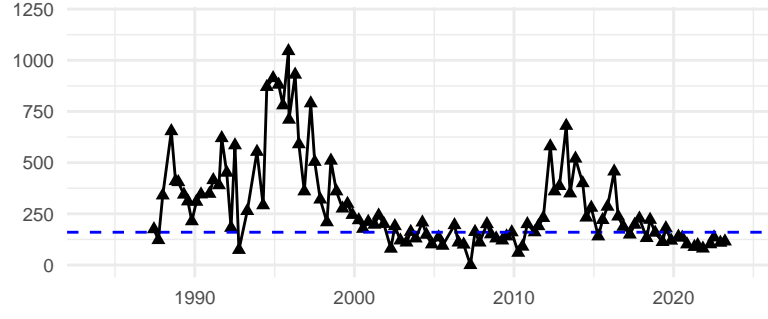
AGQS: 0.005 mg/L



Total VOCs (ug/L) :

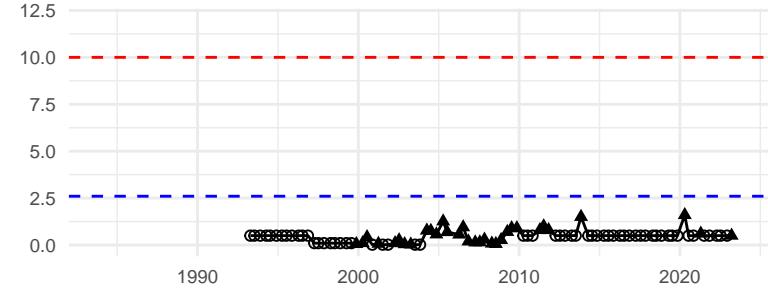


Specific Conductance (uS/cm) :



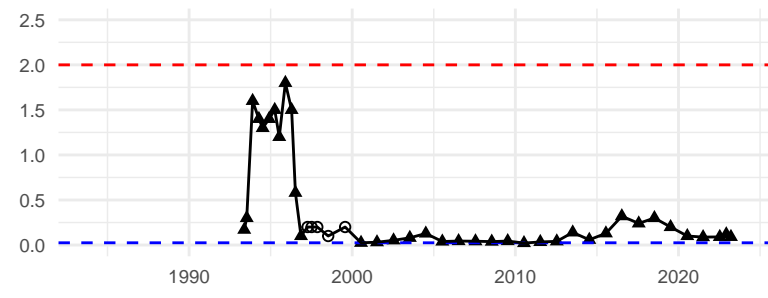
Nitrate (mg/L) :

AGQS: 10 mg/L



Dissolved Barium (mg/L) :

AGQS: 2 mg/L



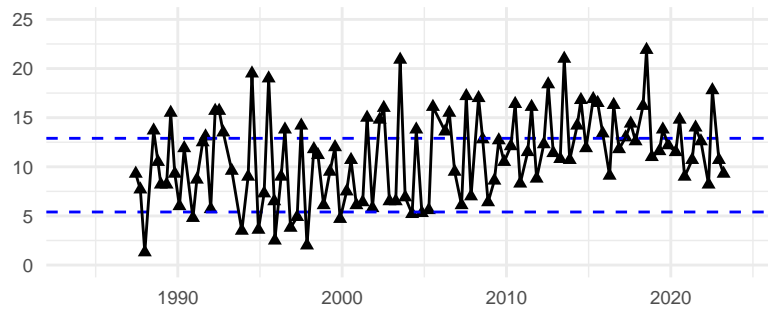
Result

- ▲ Detect
- Non-Detect

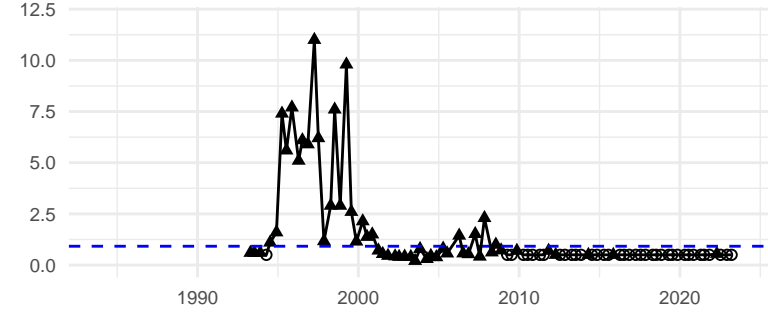
Standard

- - - AGQS
- - - SMCL
- - - Background

Temperature (C) :

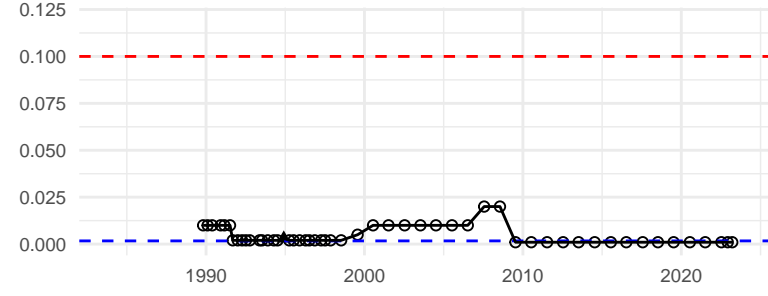


Total Kjeldahl Nitrogen (TKN) (mg/L) :

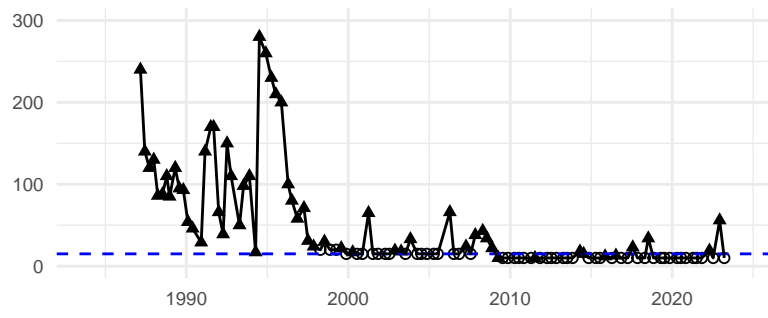


Dissolved Chromium (mg/L) :

AGQS: 0.1 mg/L

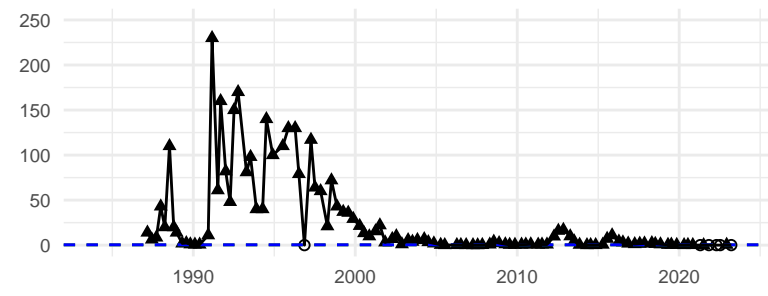


Chemical Oxygen Demand (mg/L) :



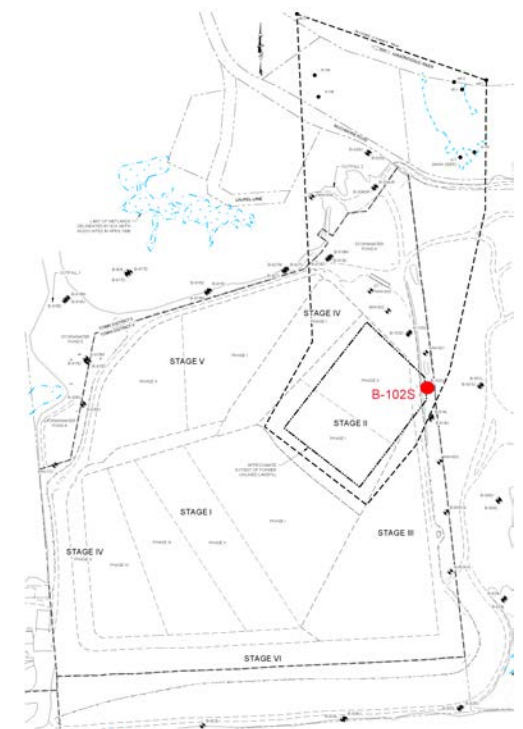
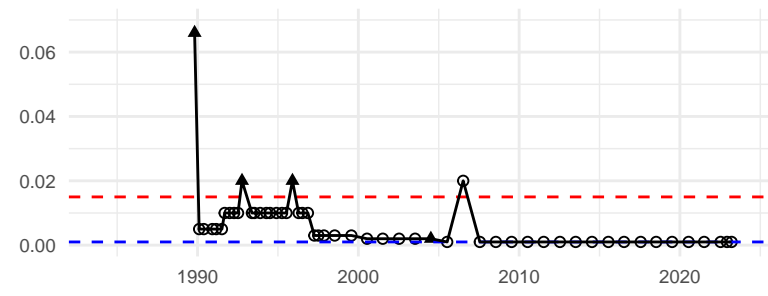
Dissolved Iron (mg/L) :

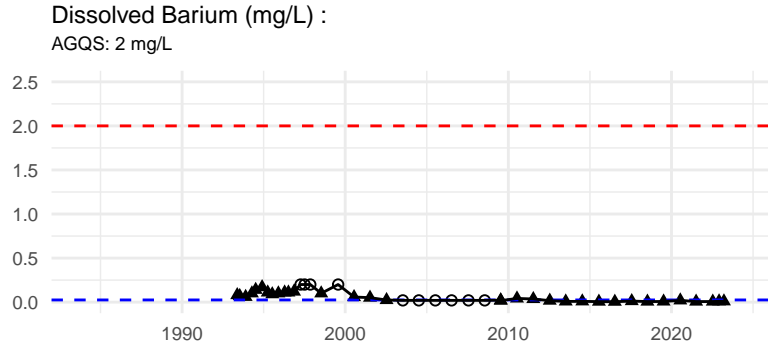
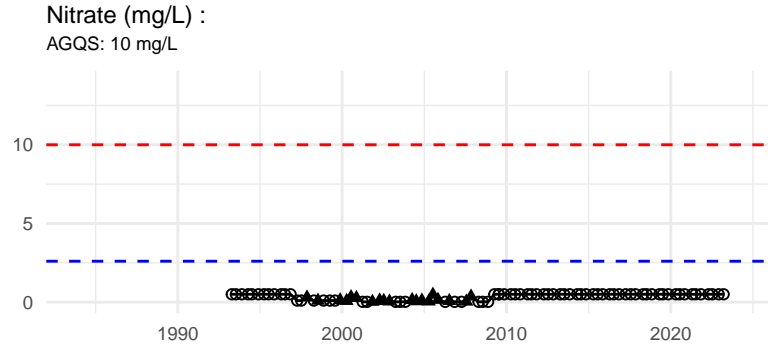
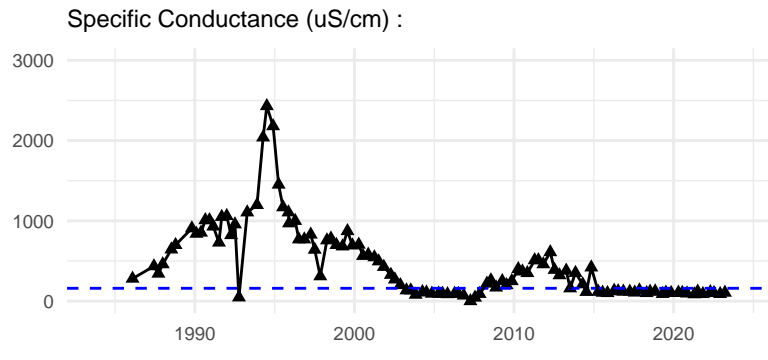
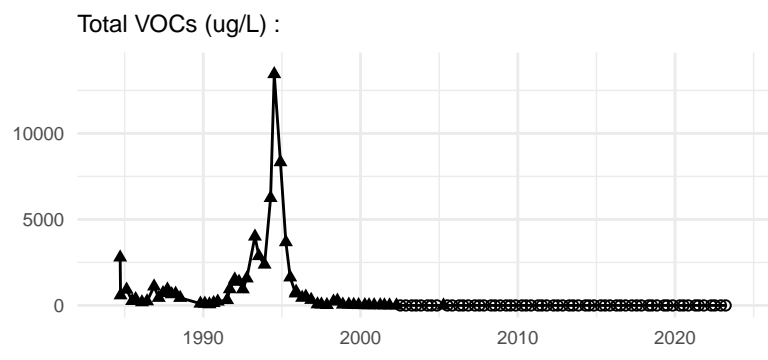
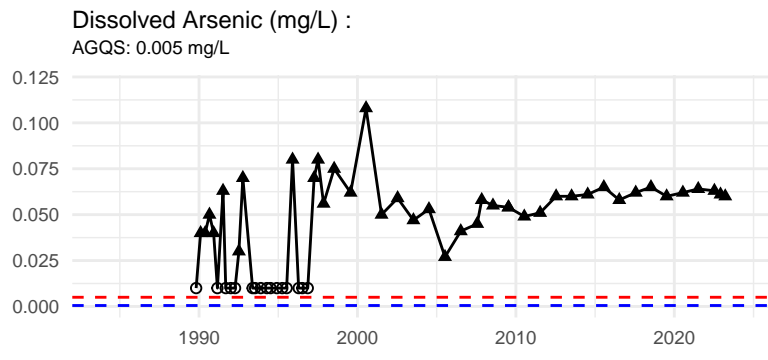
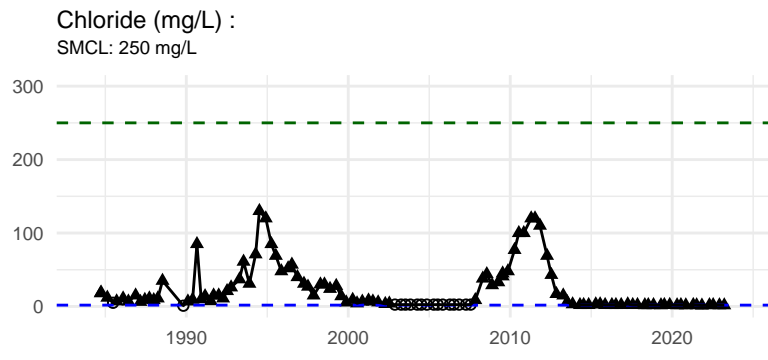
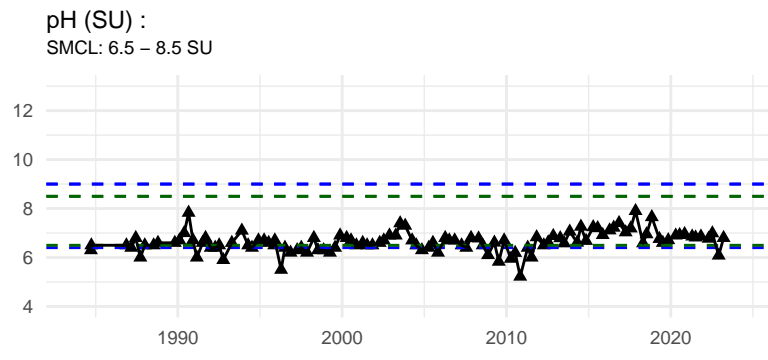
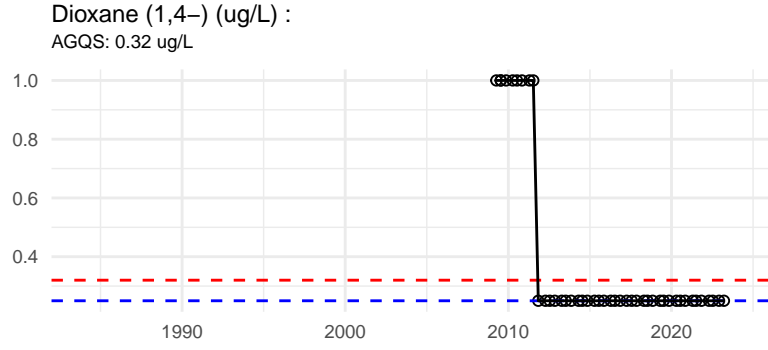
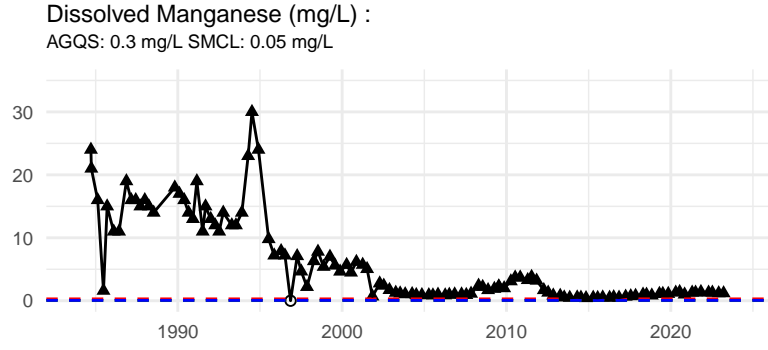
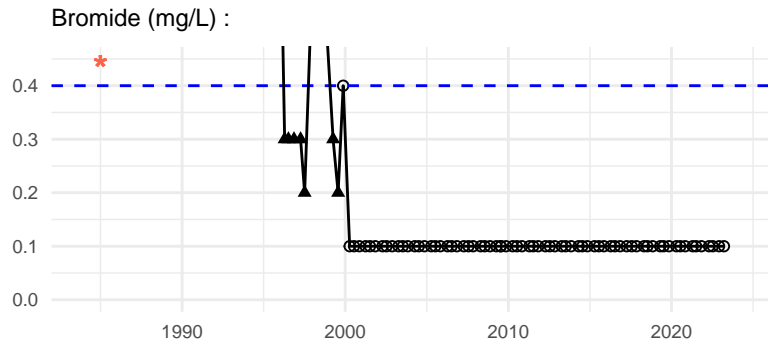
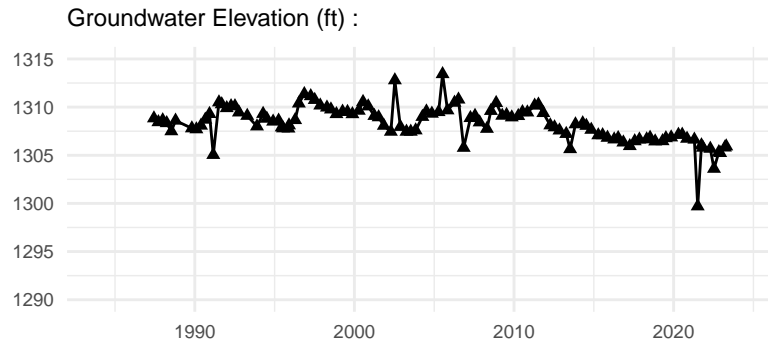
SMCL: 0.3 mg/L



Dissolved Lead (mg/L) :

AGQS: 0.015 mg/L



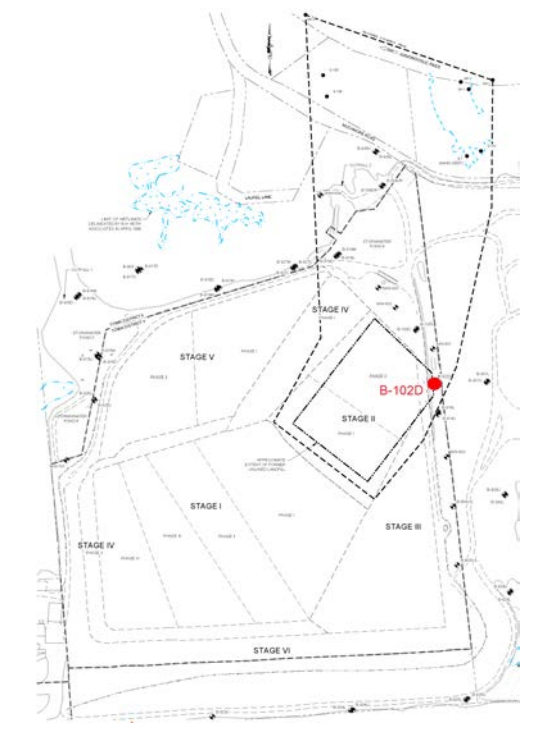
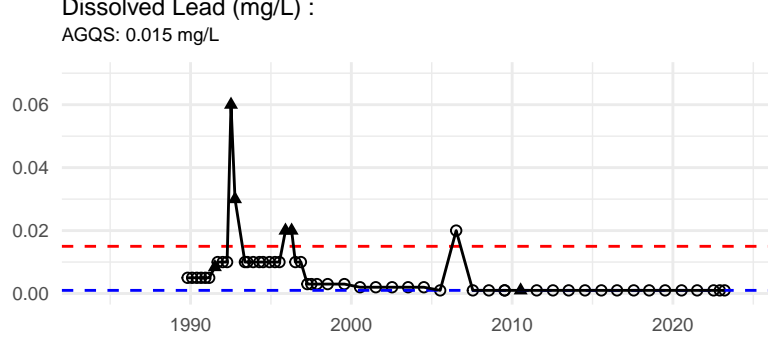
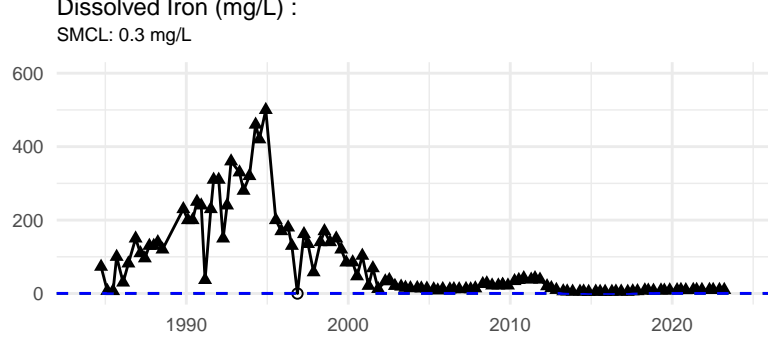
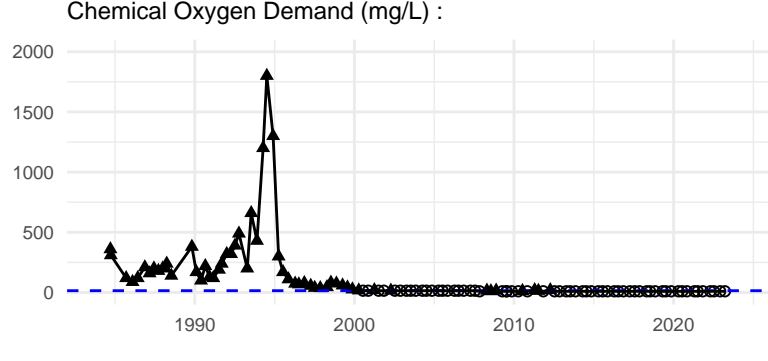
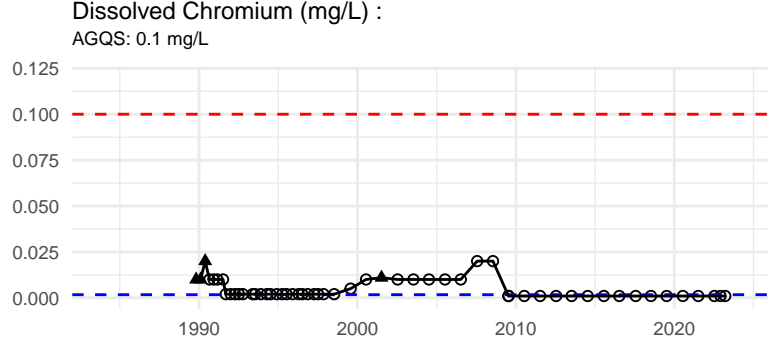
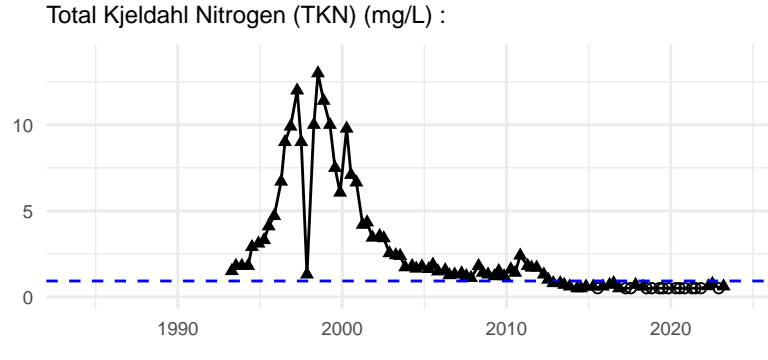
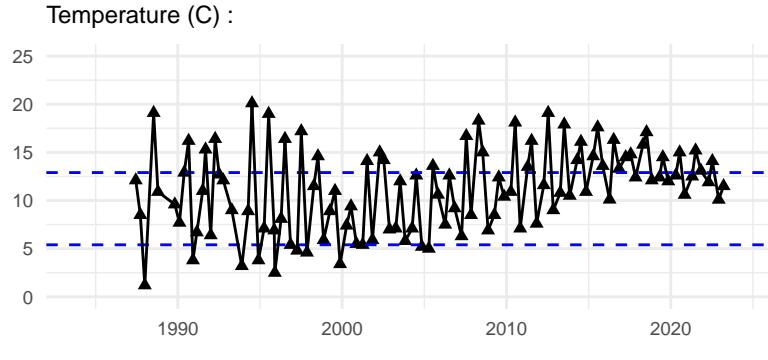


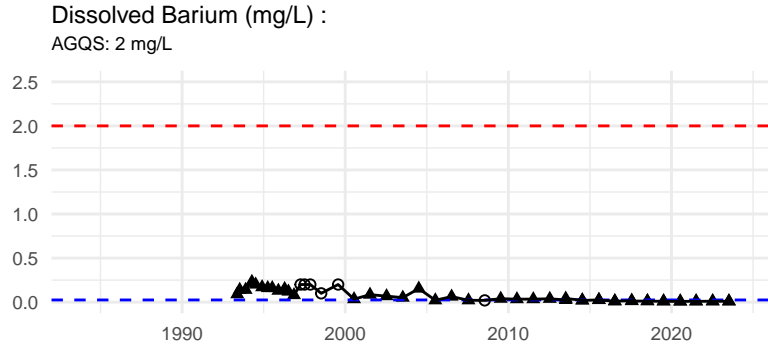
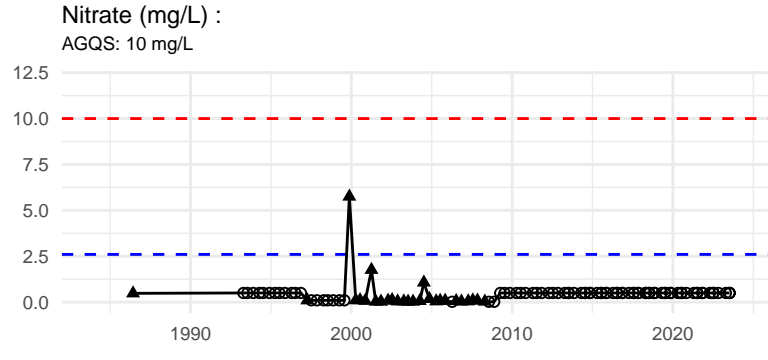
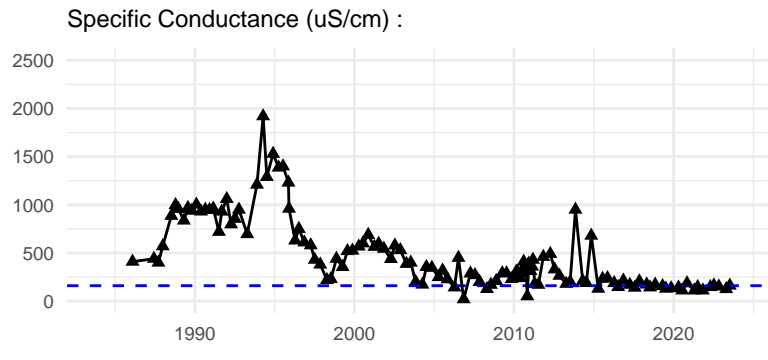
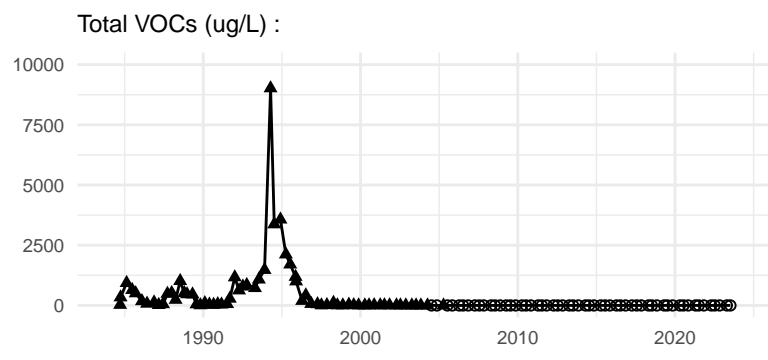
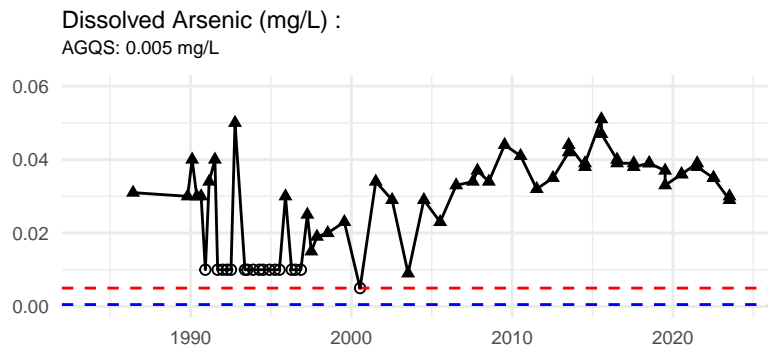
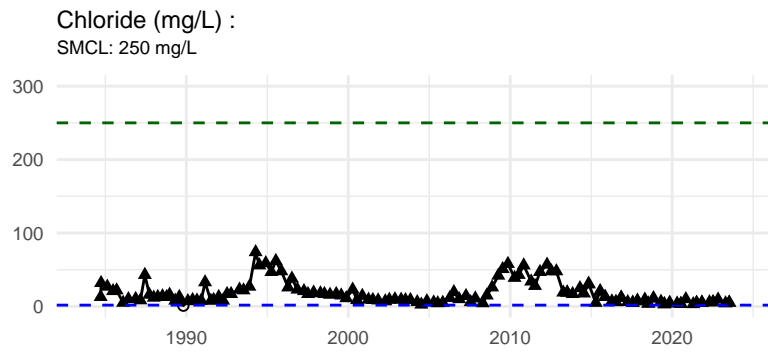
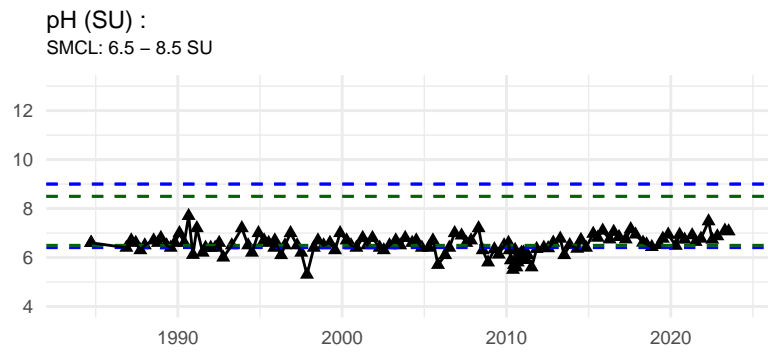
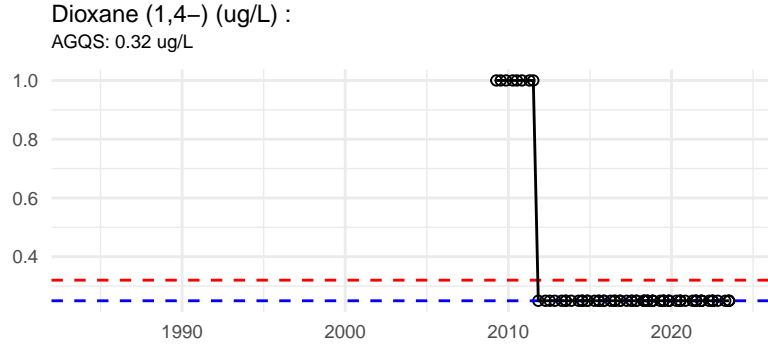
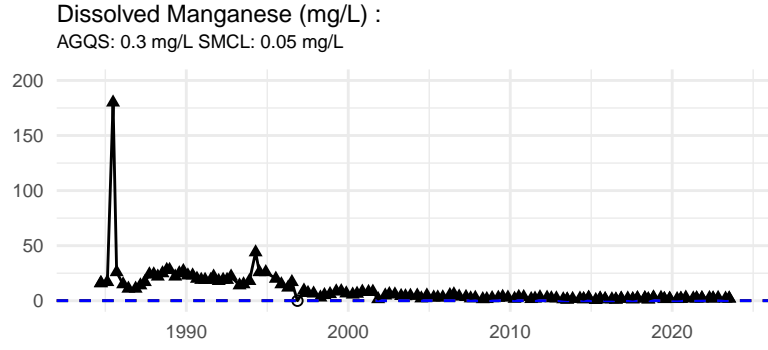
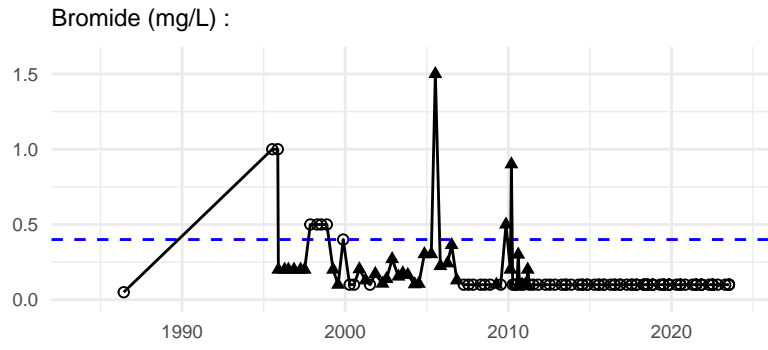
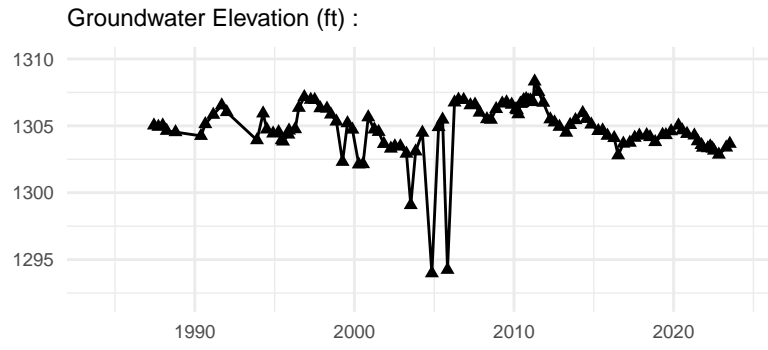
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



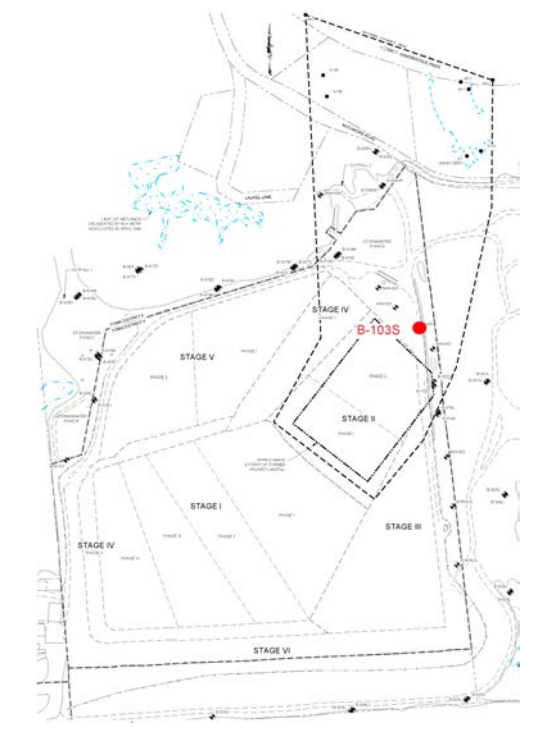
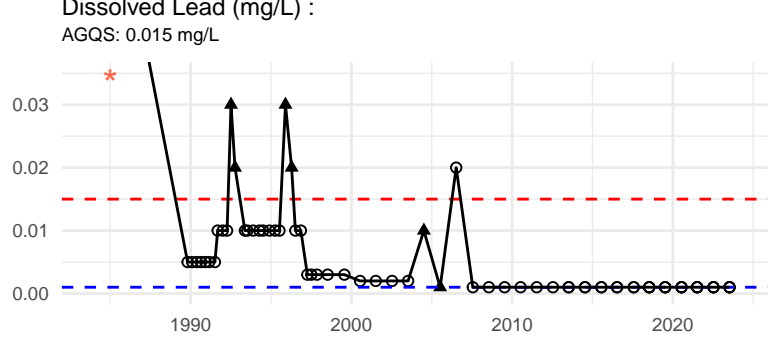
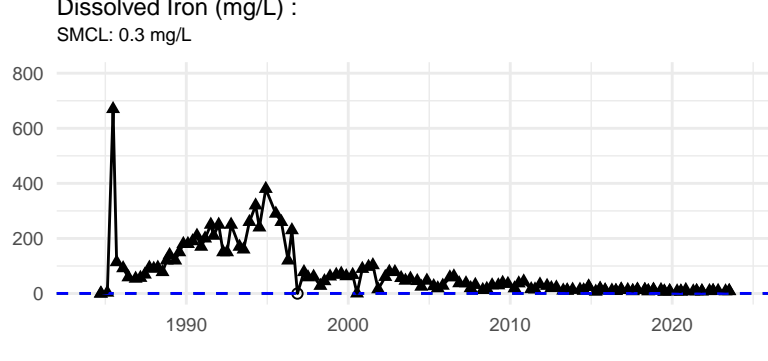
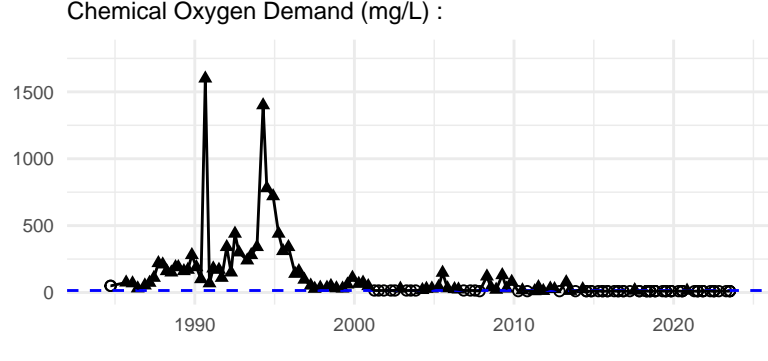
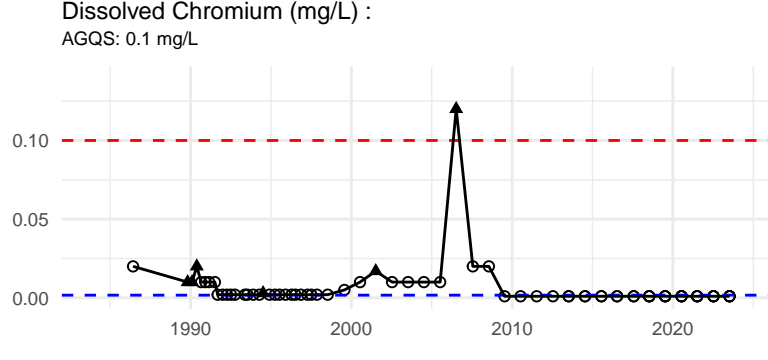
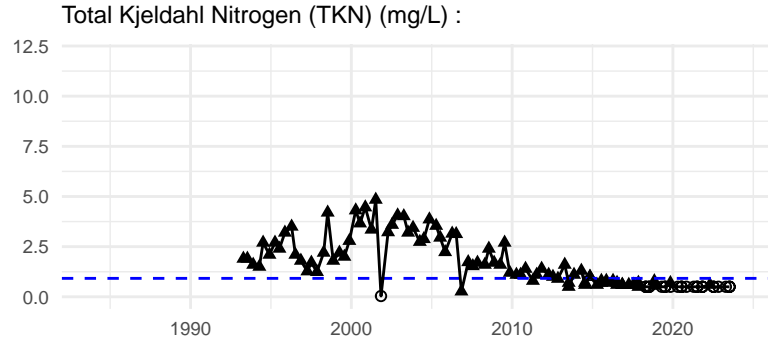
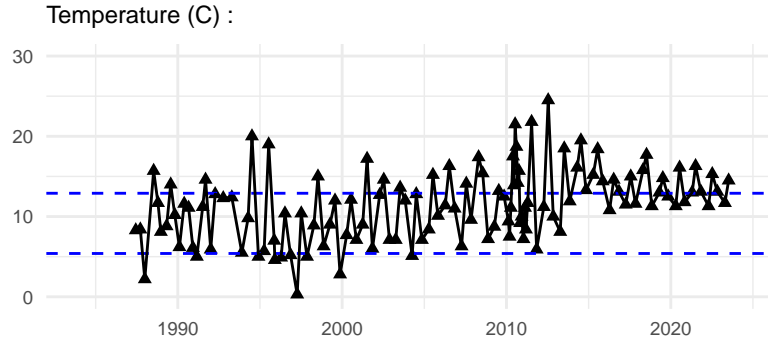


Result

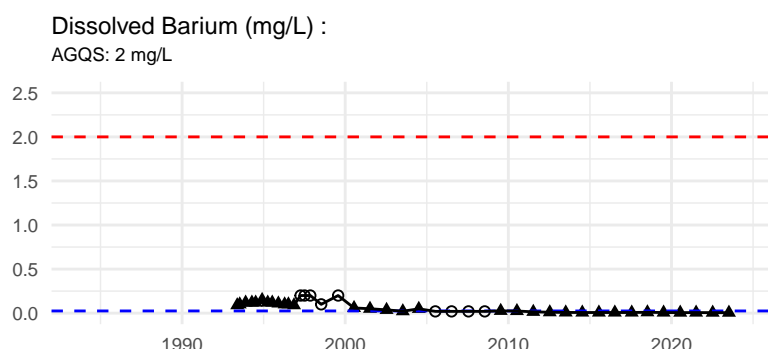
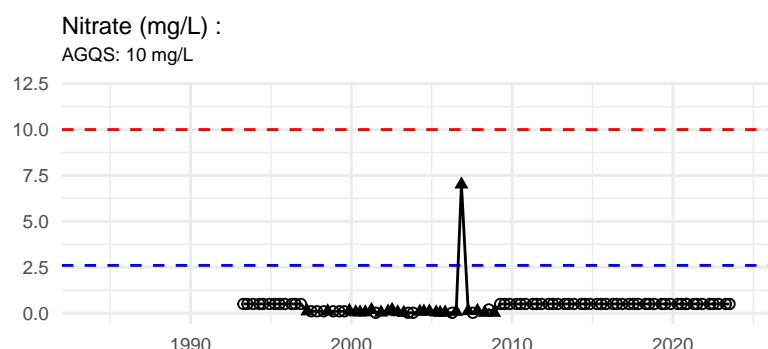
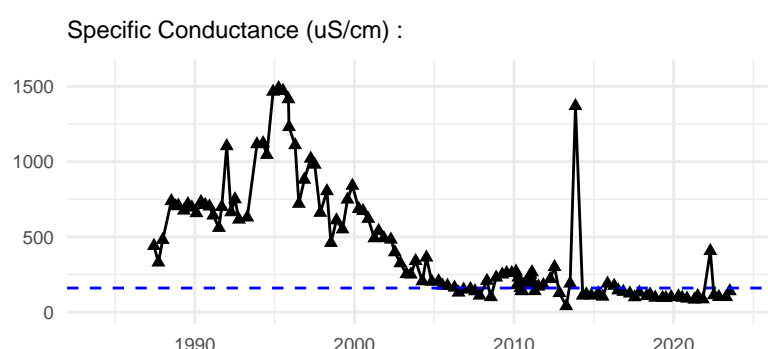
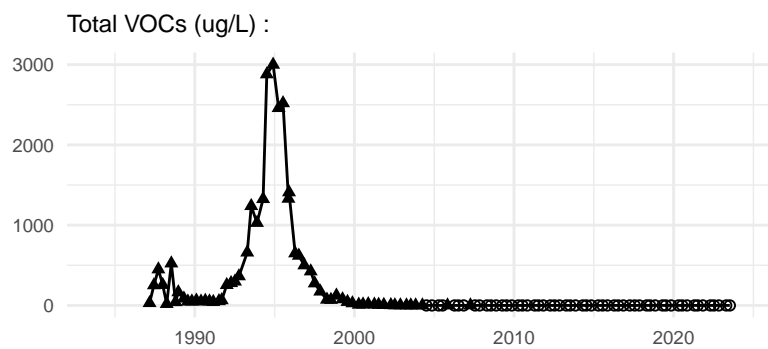
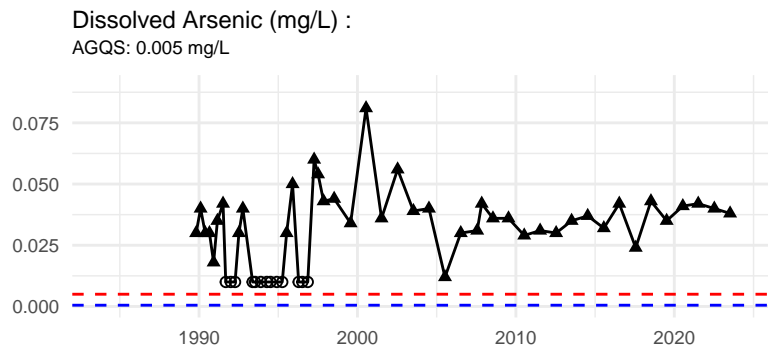
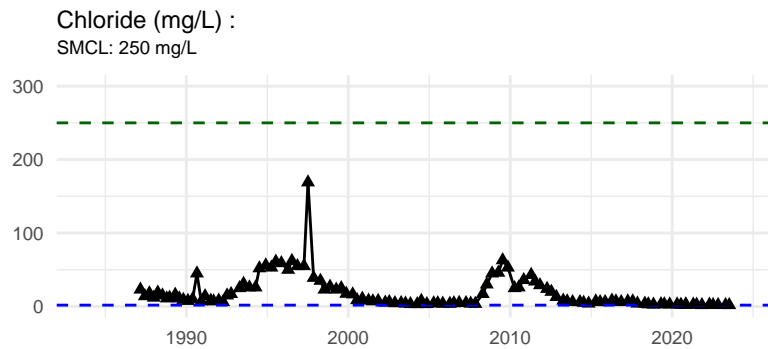
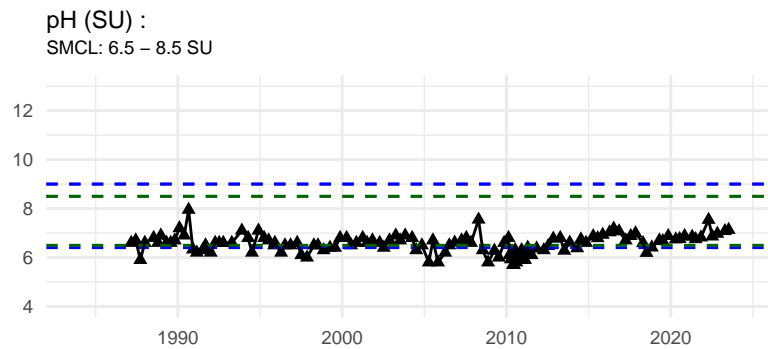
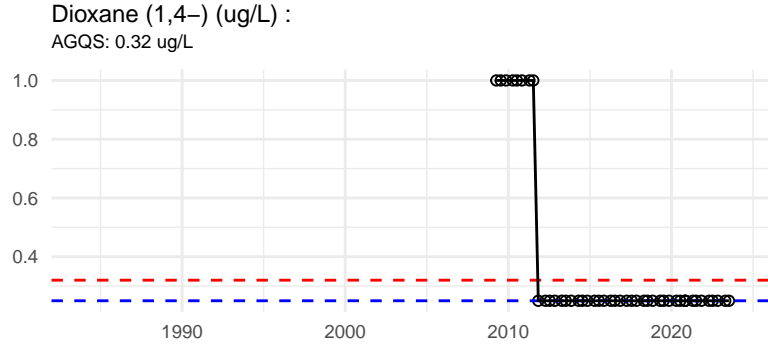
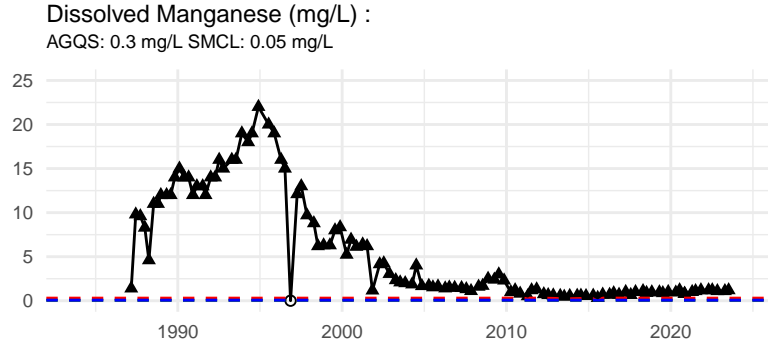
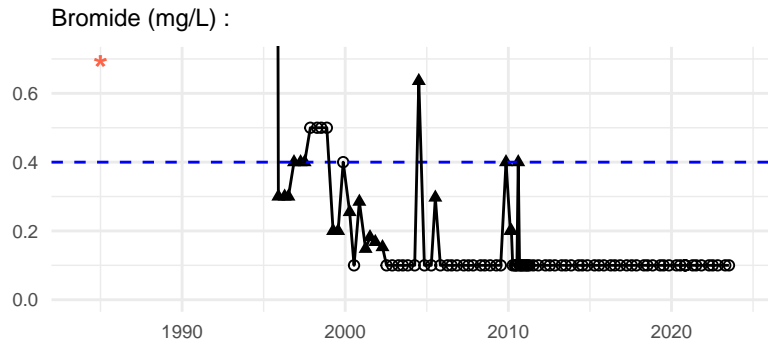
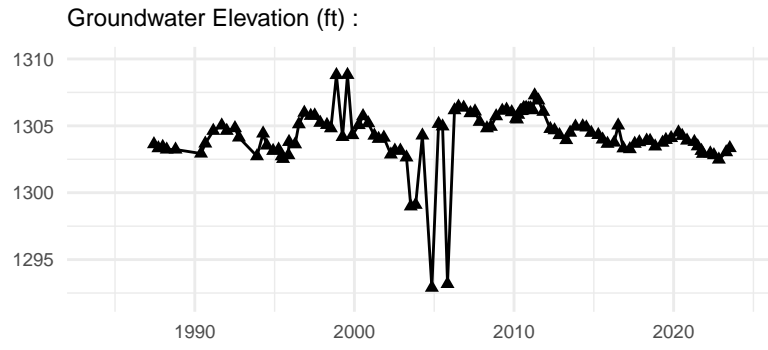
- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

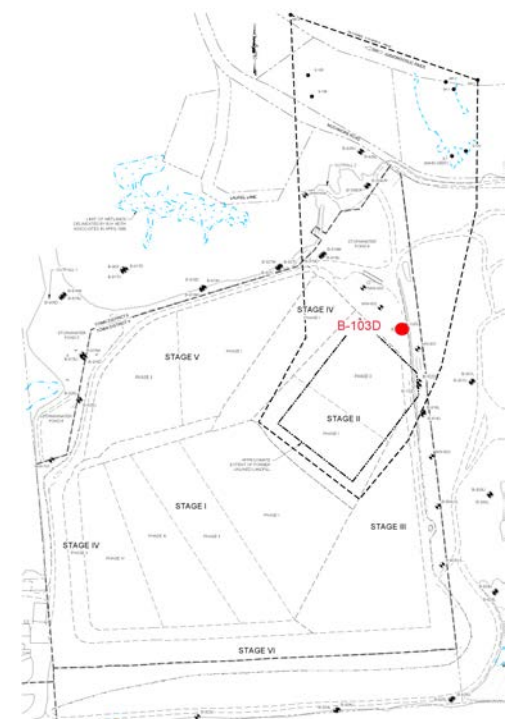
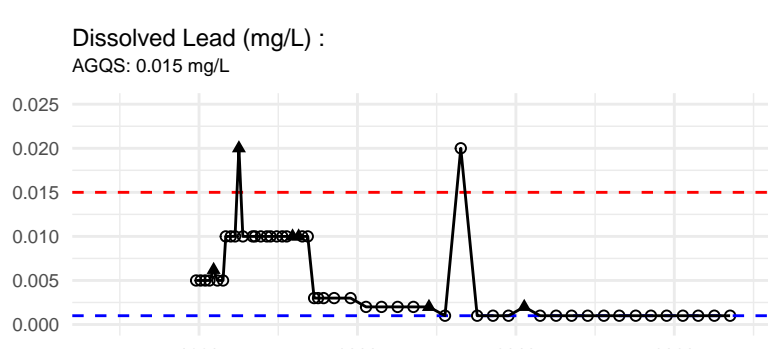
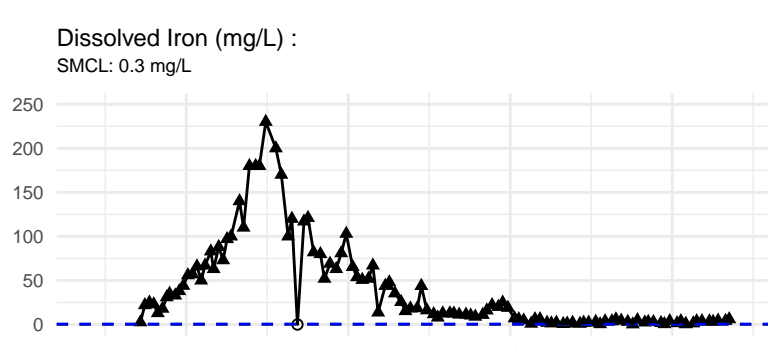
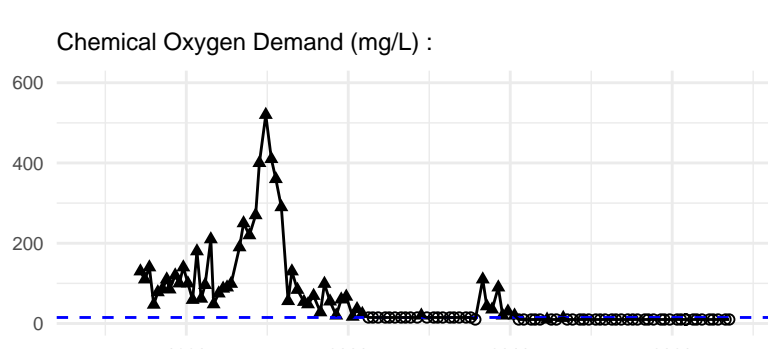
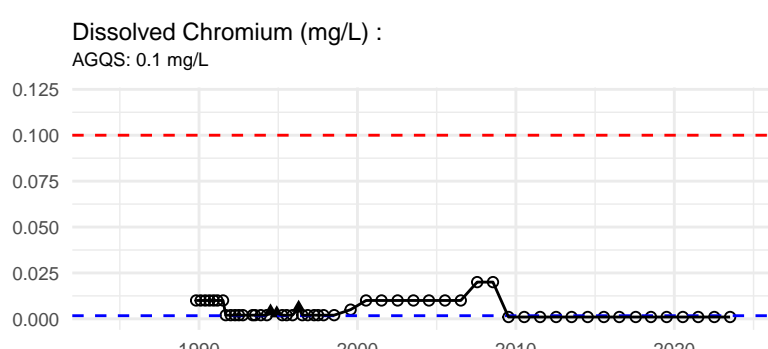
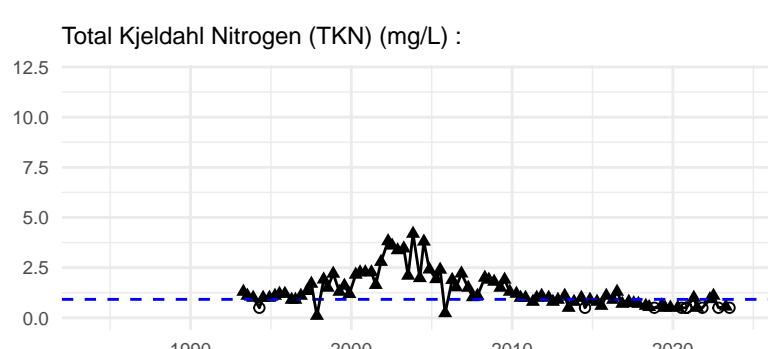
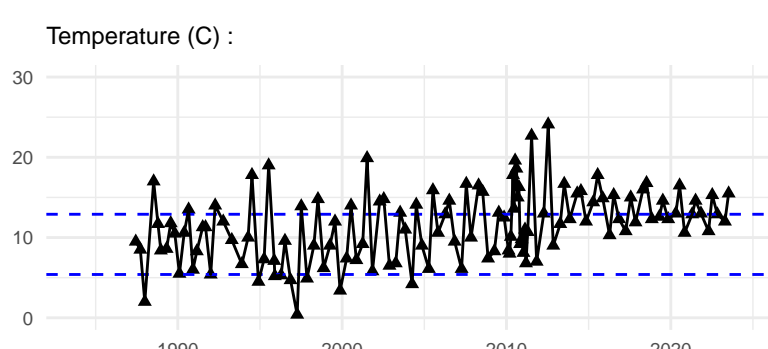


Result

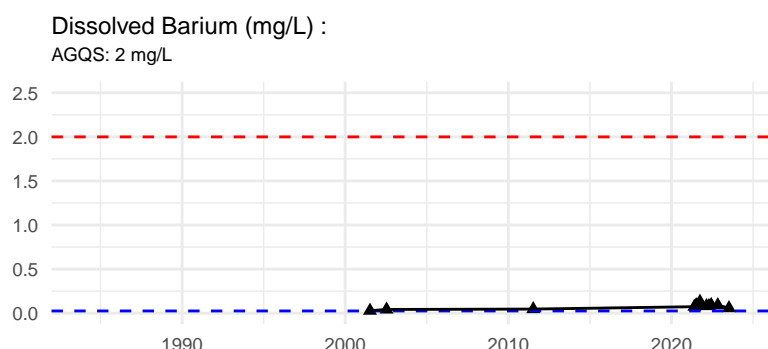
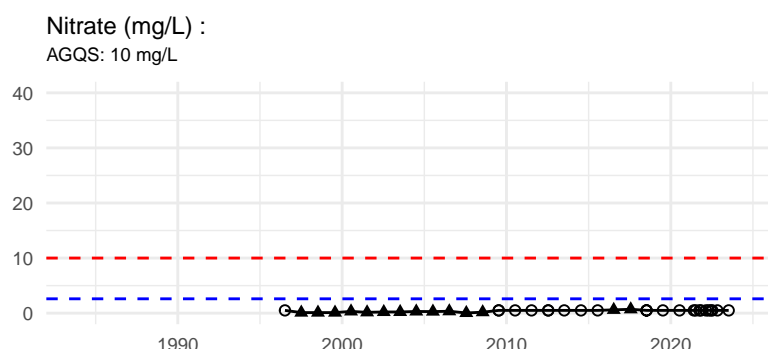
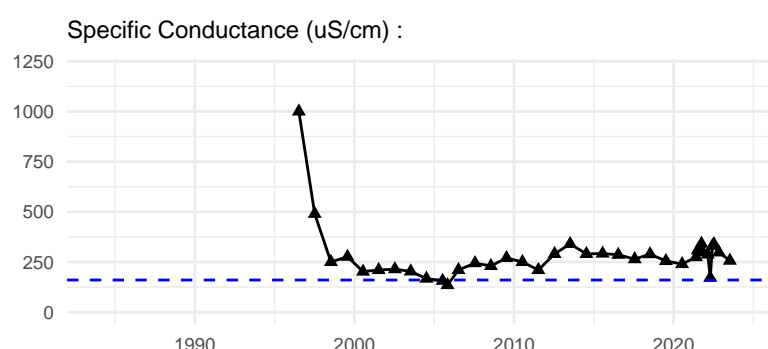
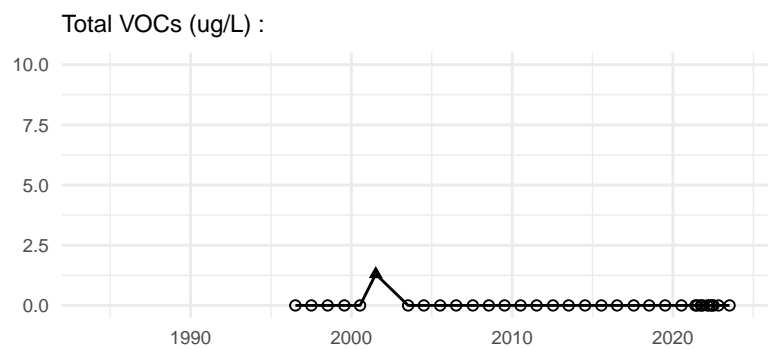
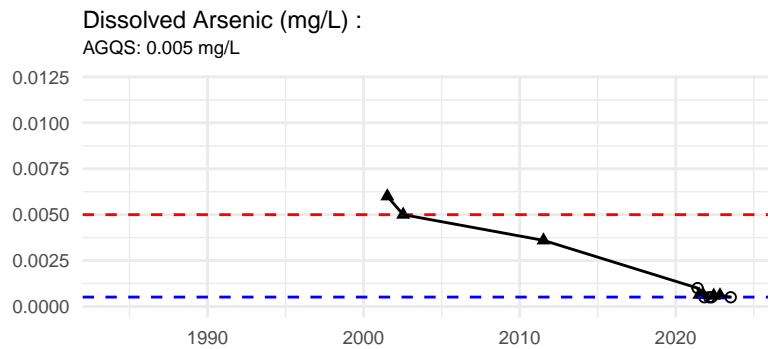
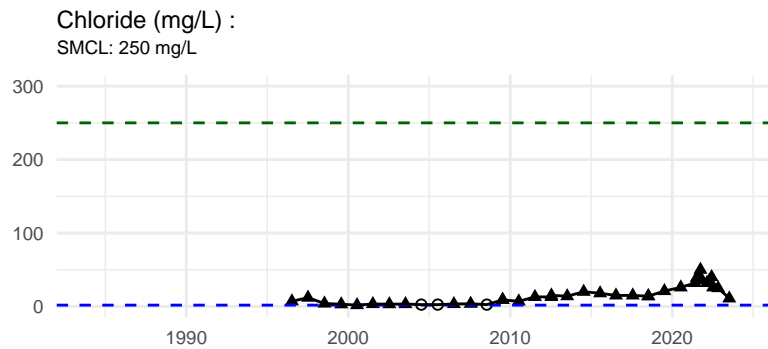
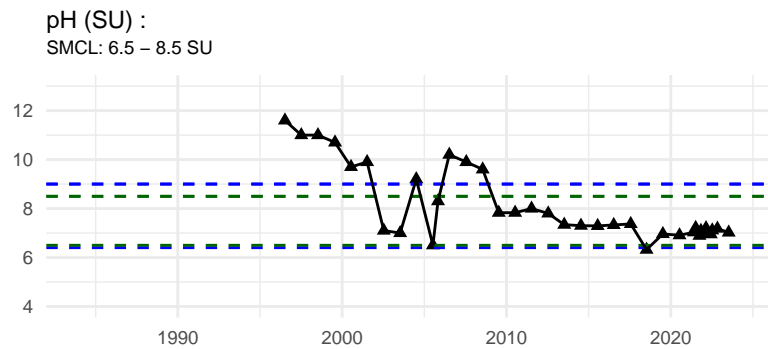
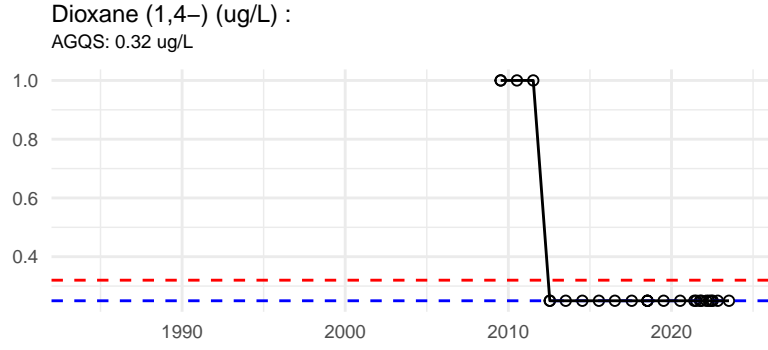
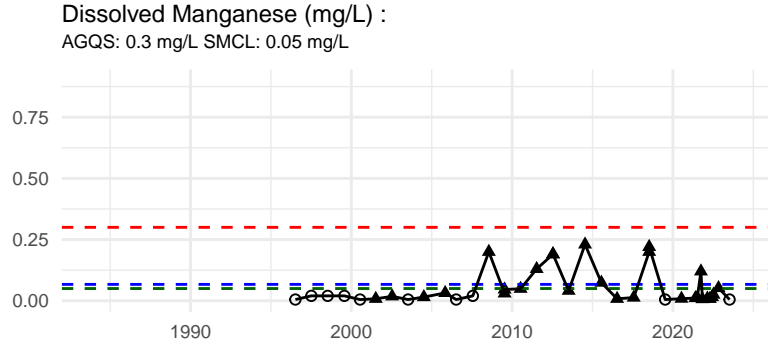
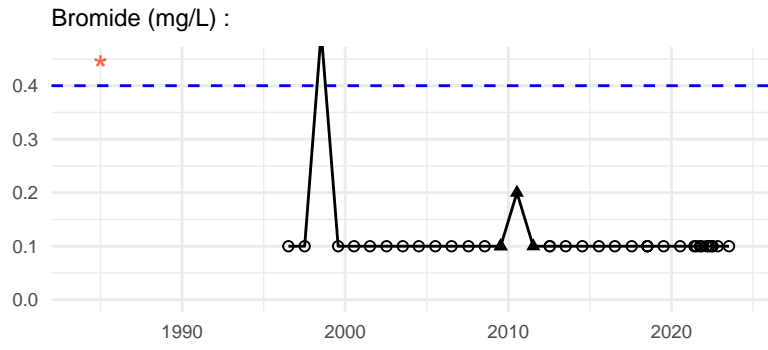
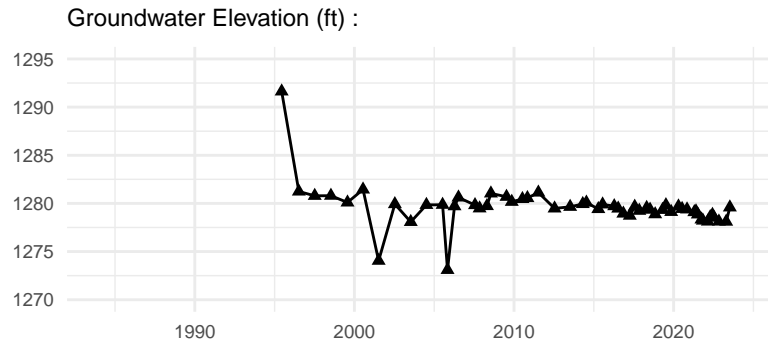
- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background



MW-604

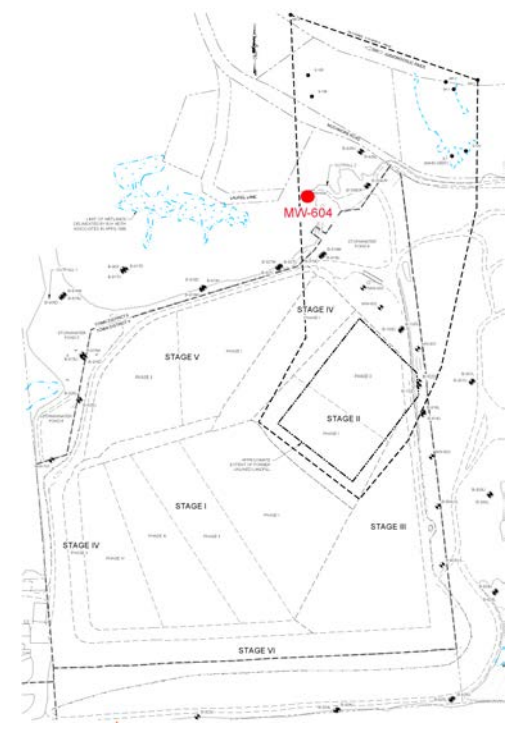
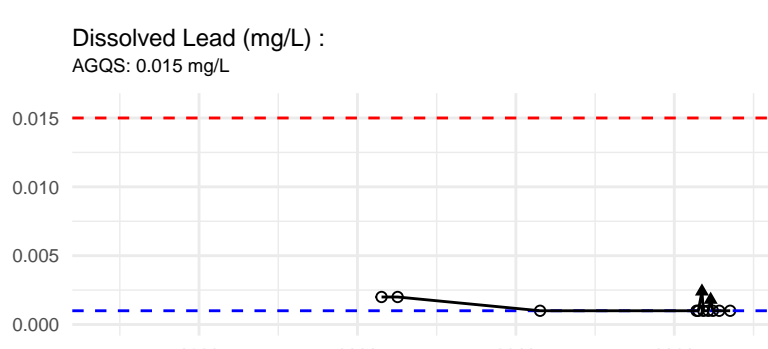
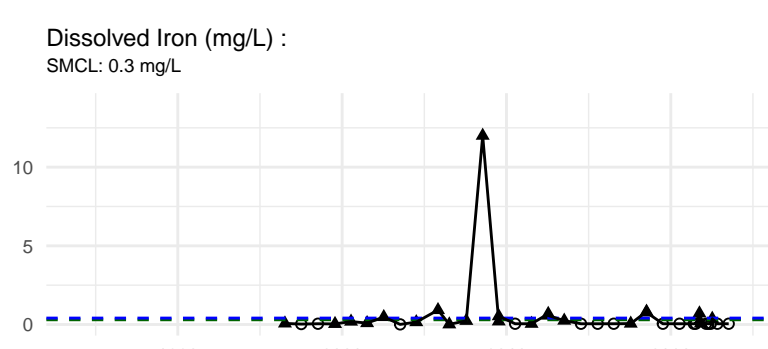
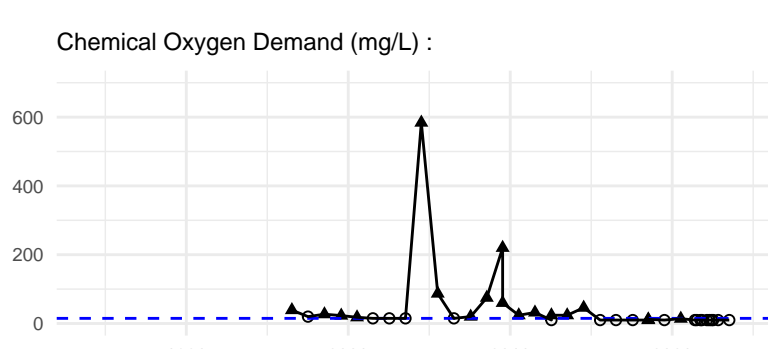
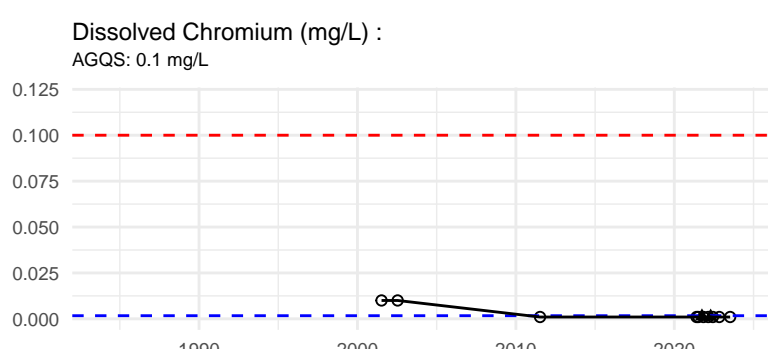
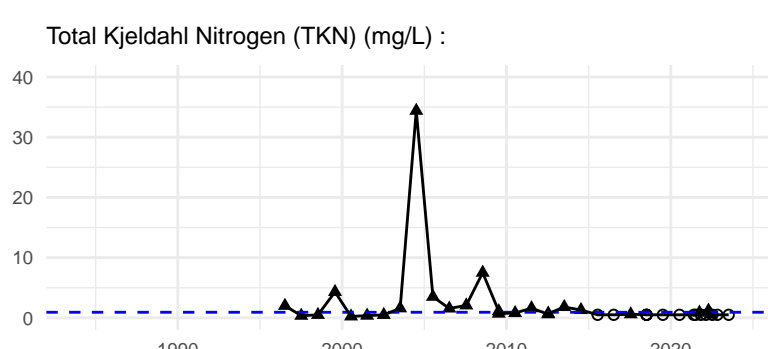
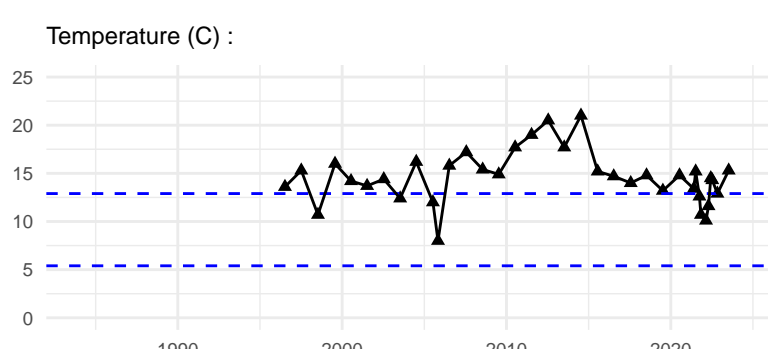


Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL
- - - Background

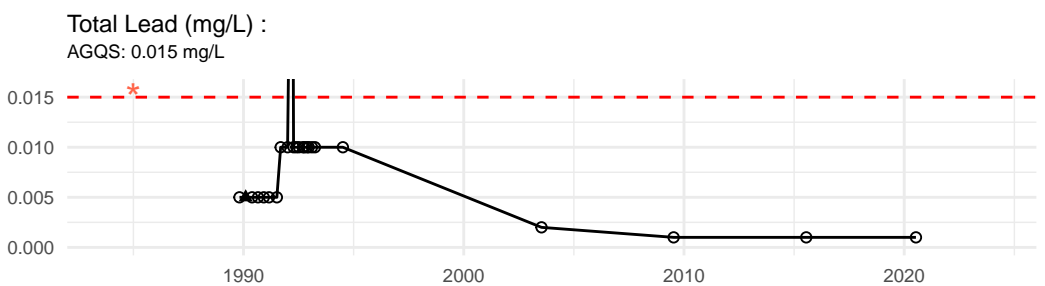
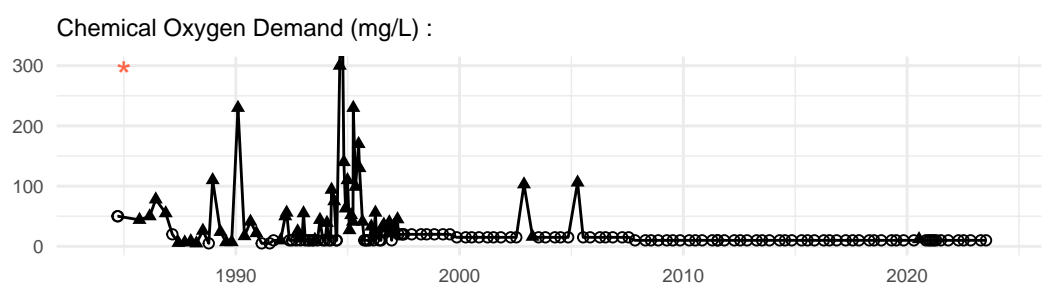
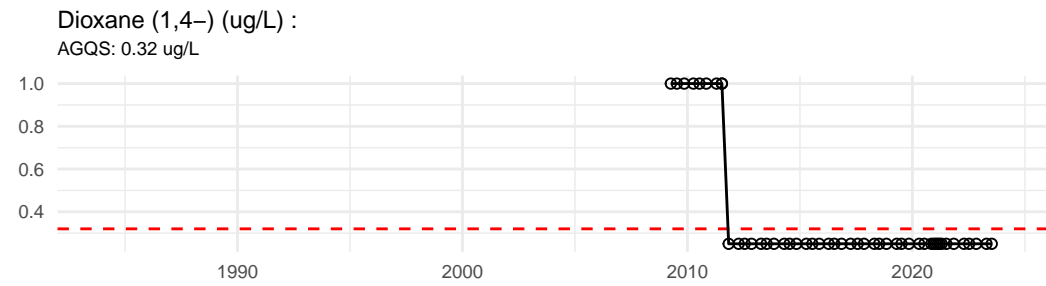
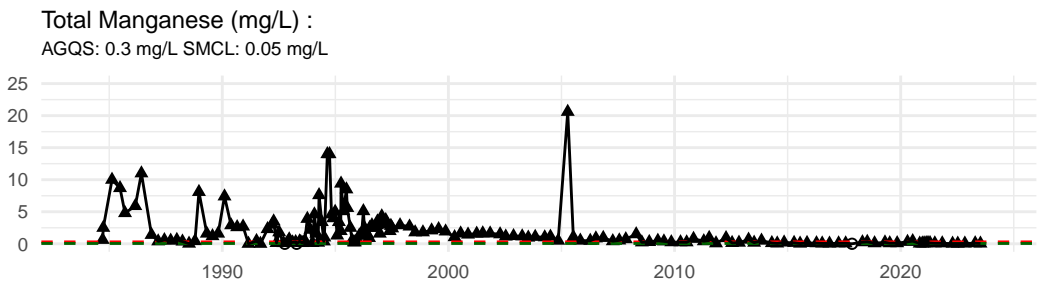
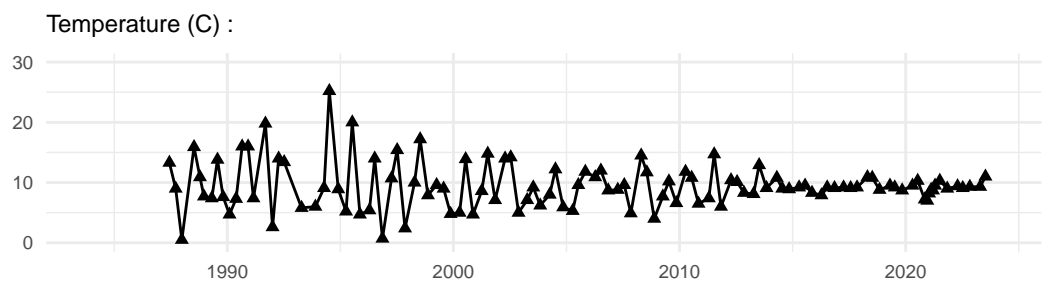
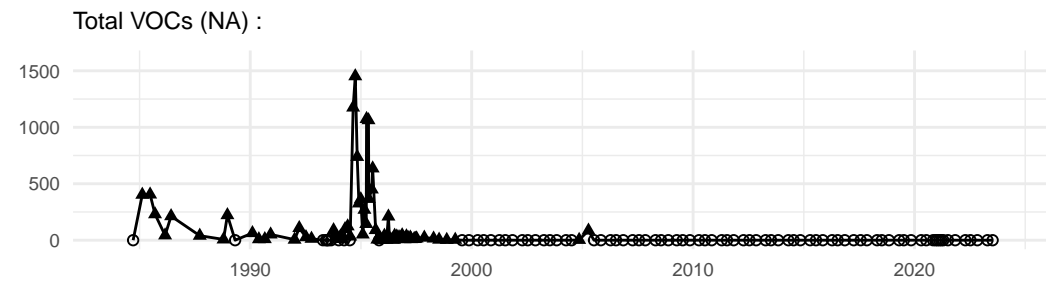
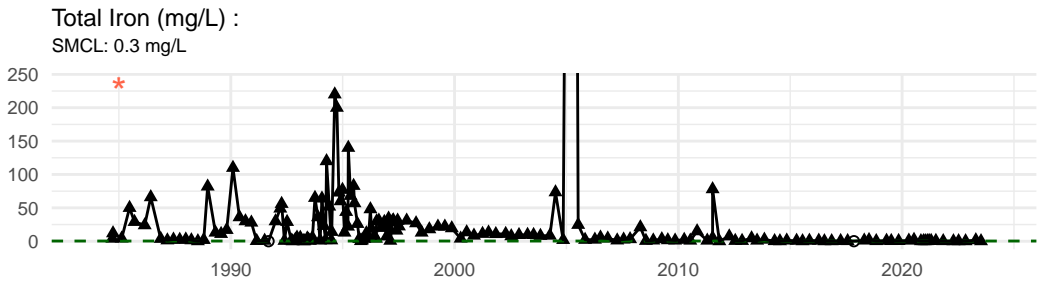
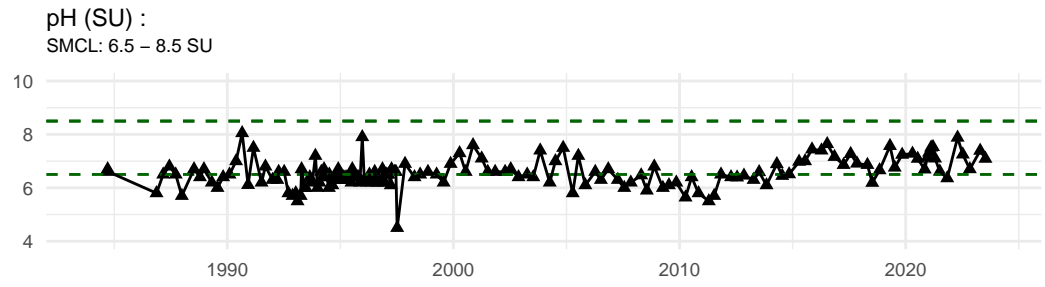
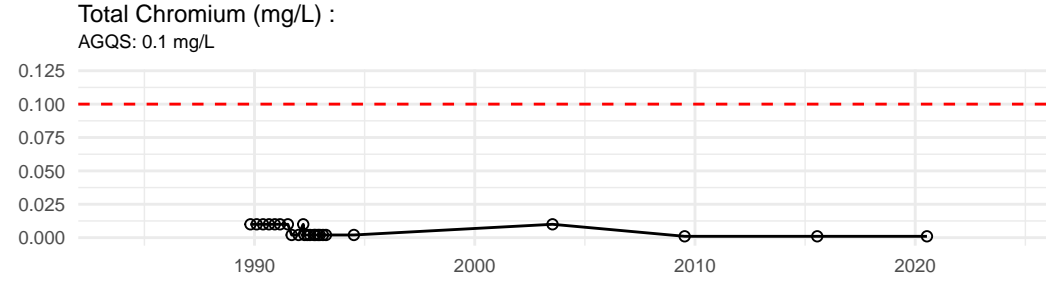
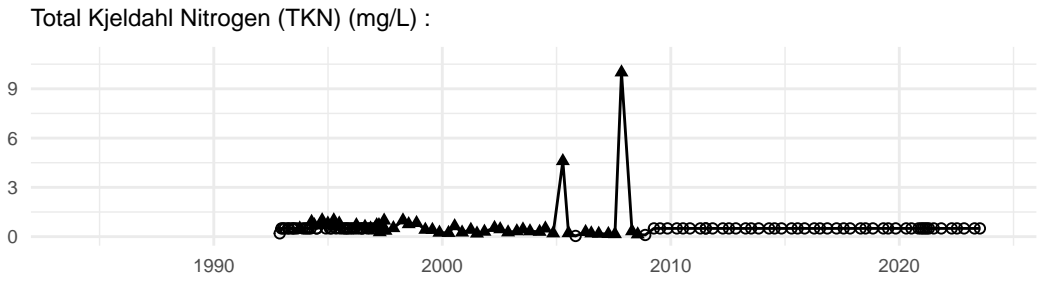
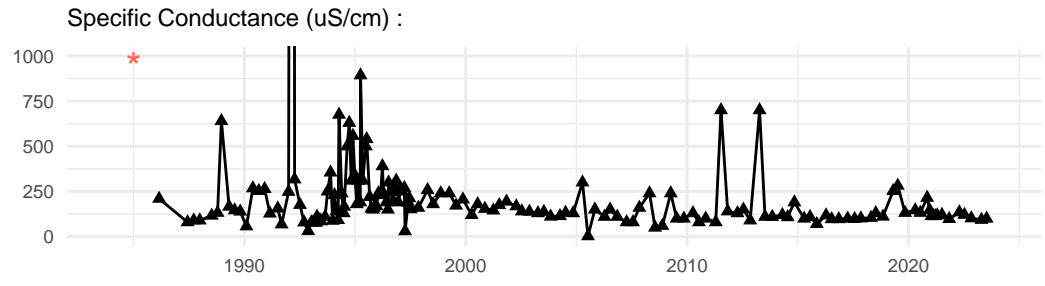


* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

Appendix C.2

Surface Water Analytical Results

Seep S-1

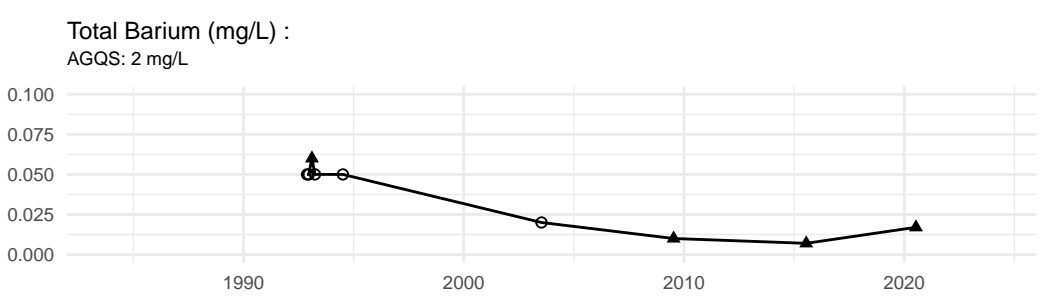
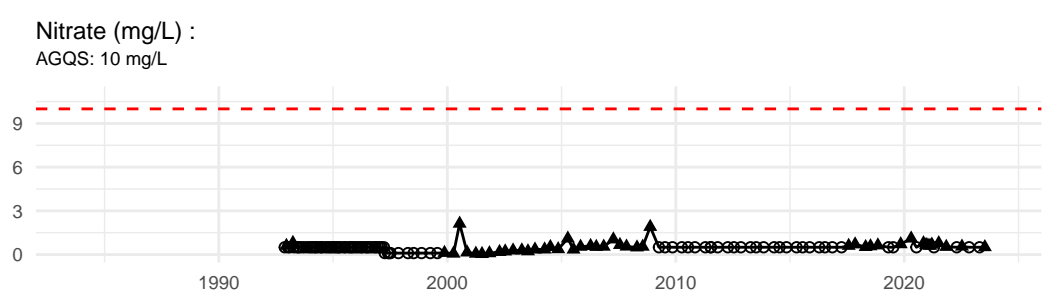
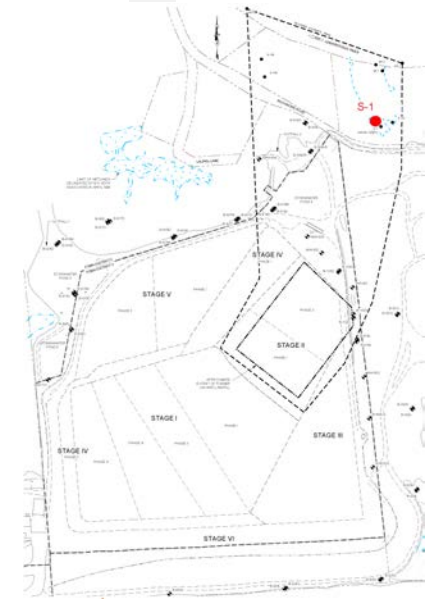
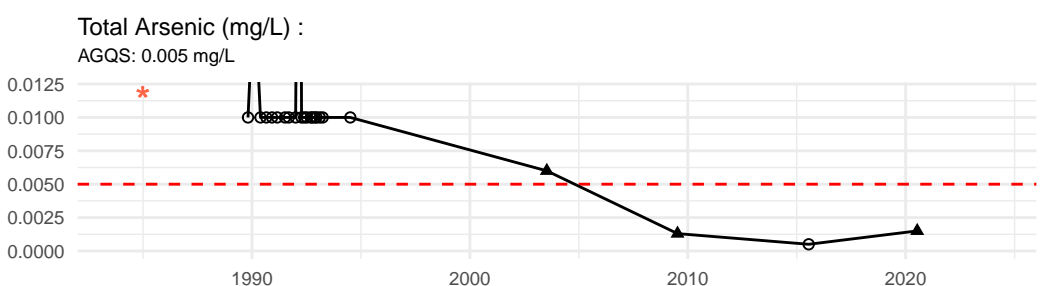
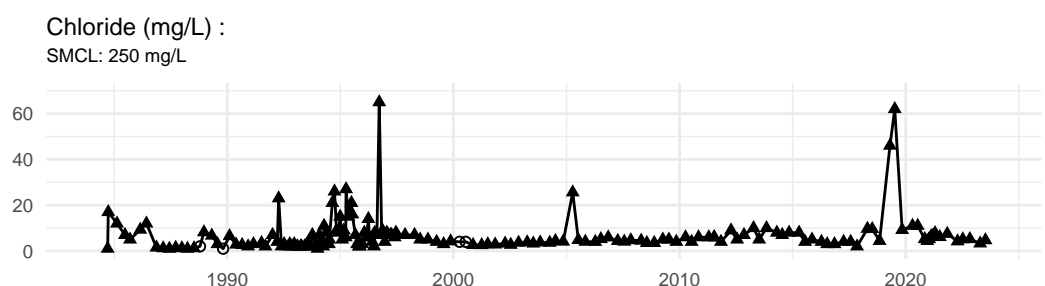


Result

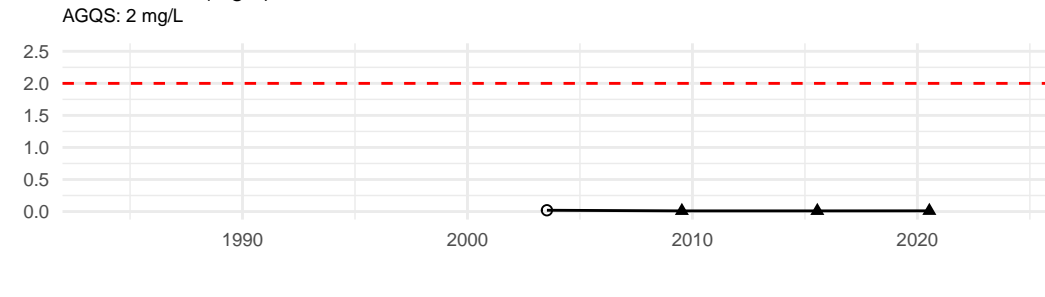
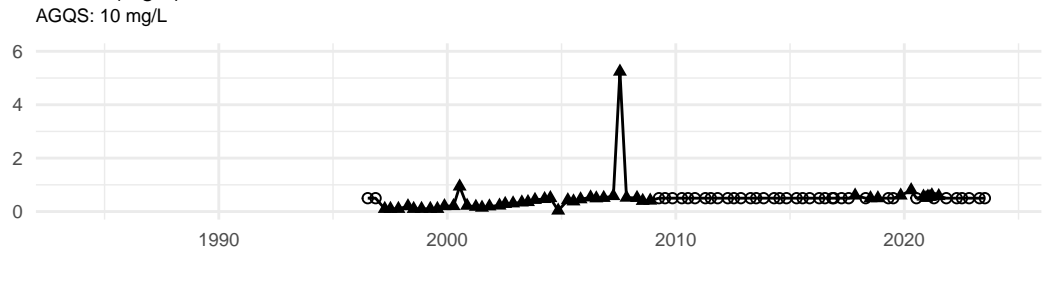
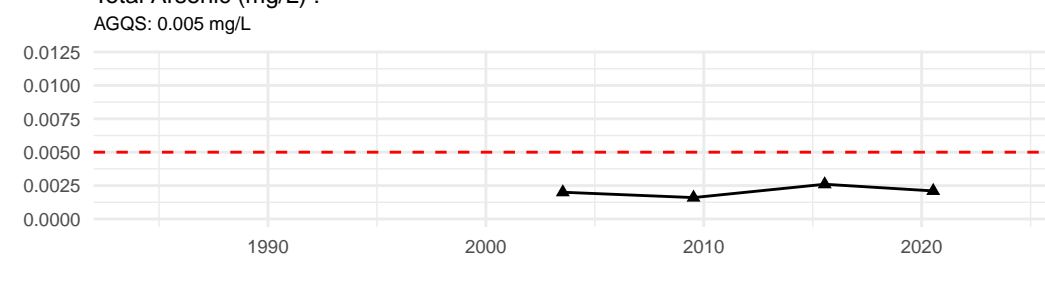
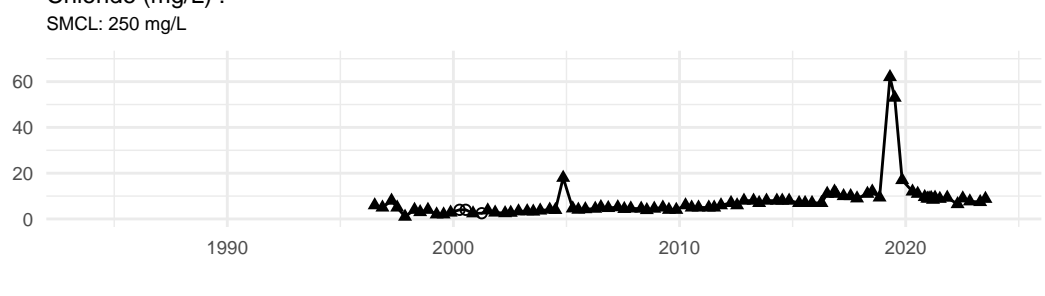
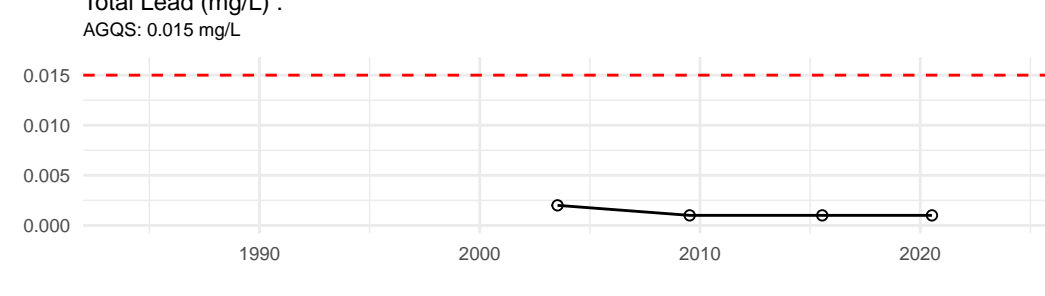
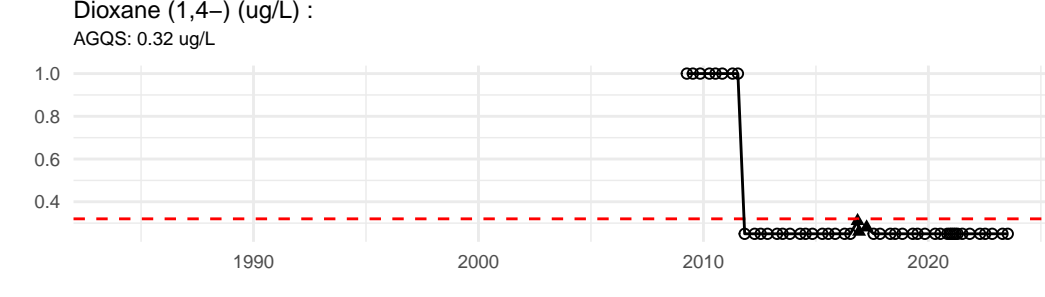
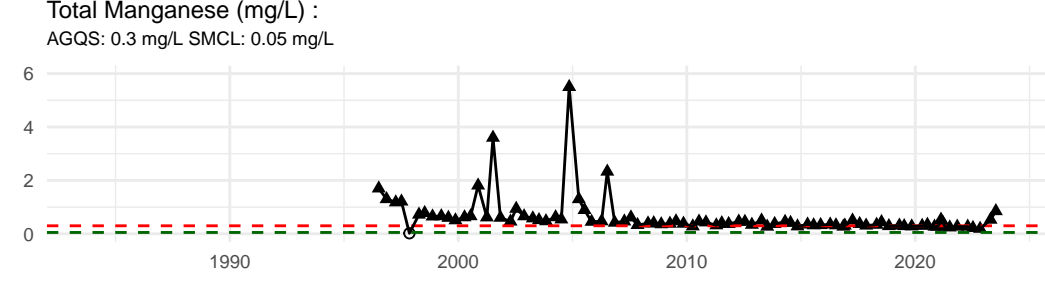
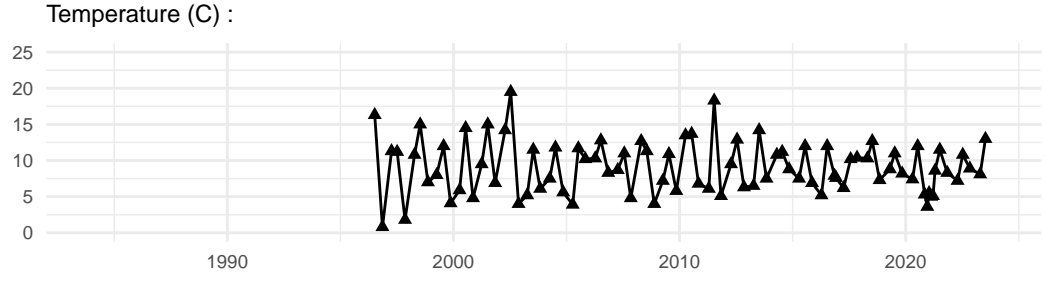
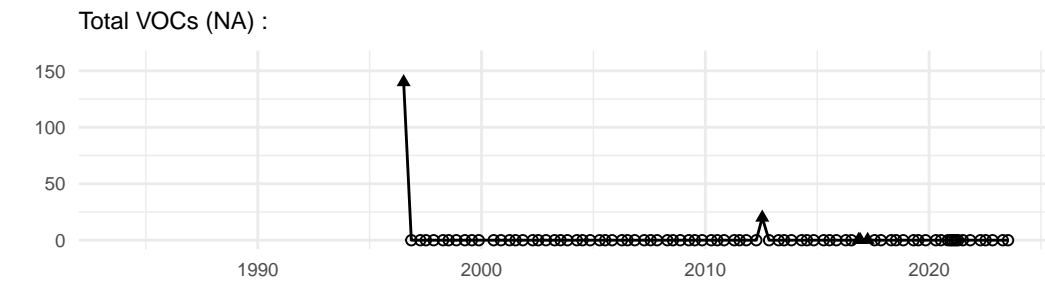
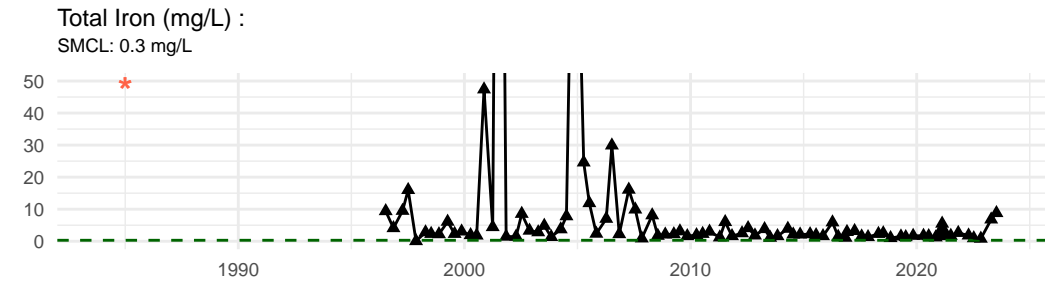
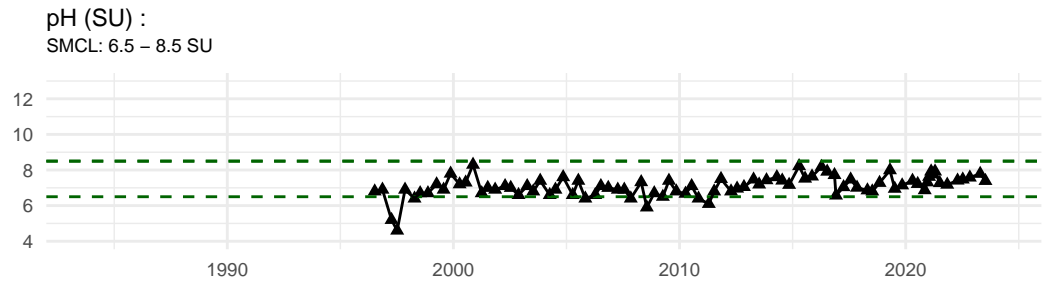
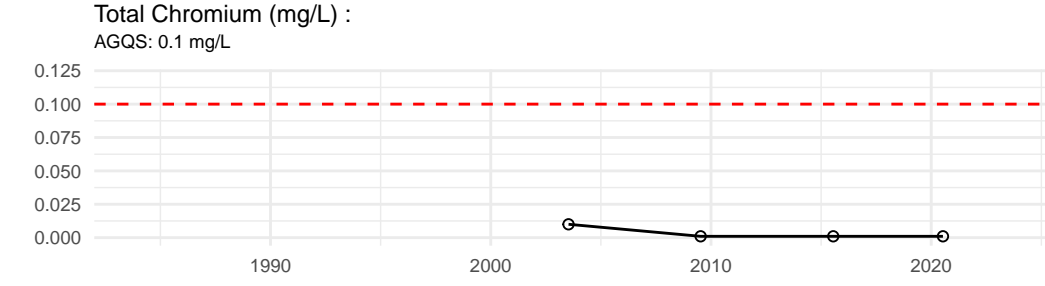
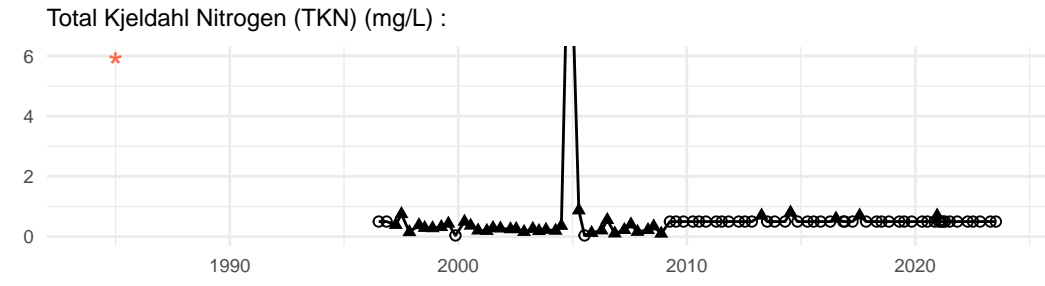
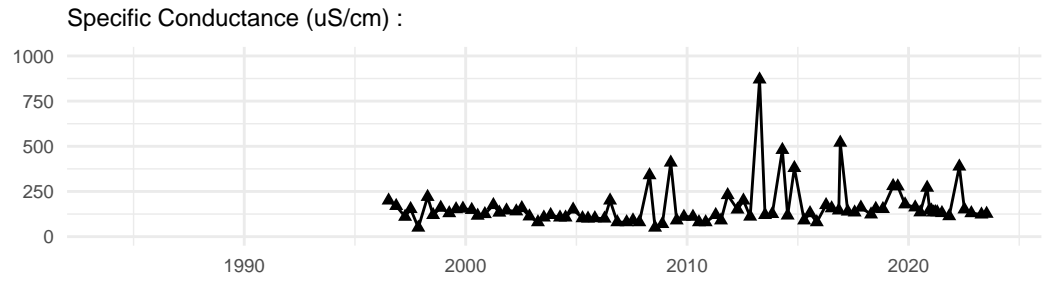
- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL



* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.



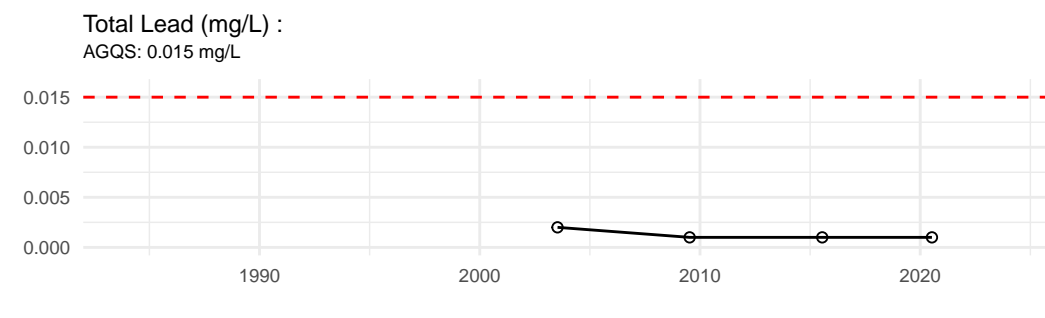
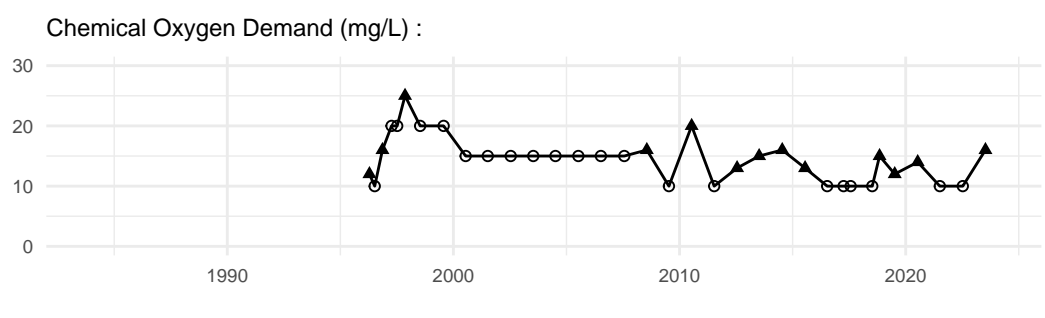
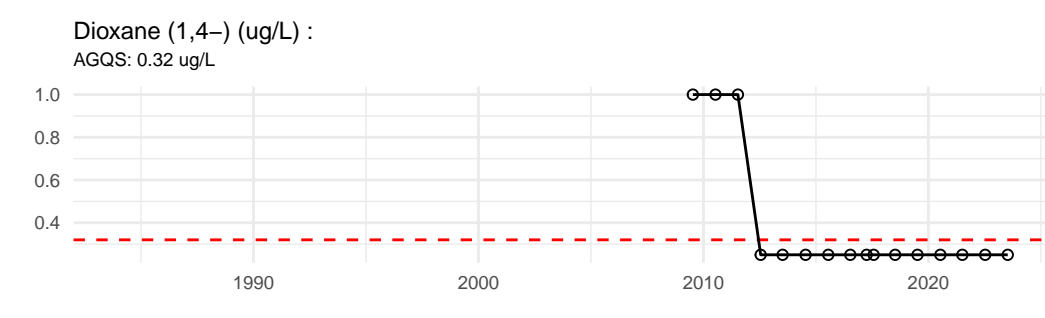
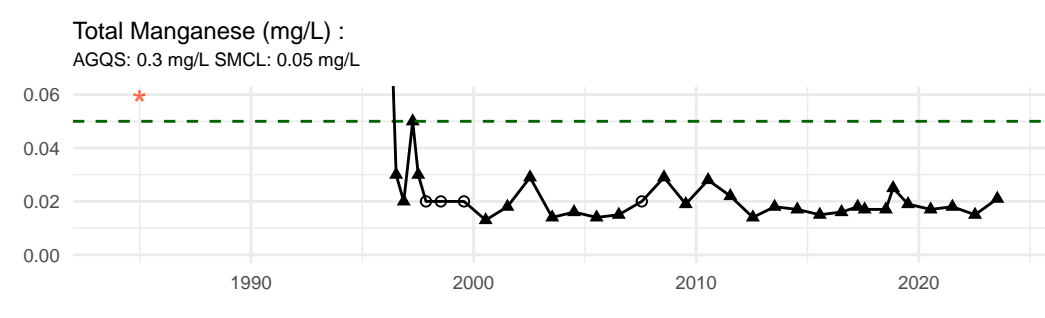
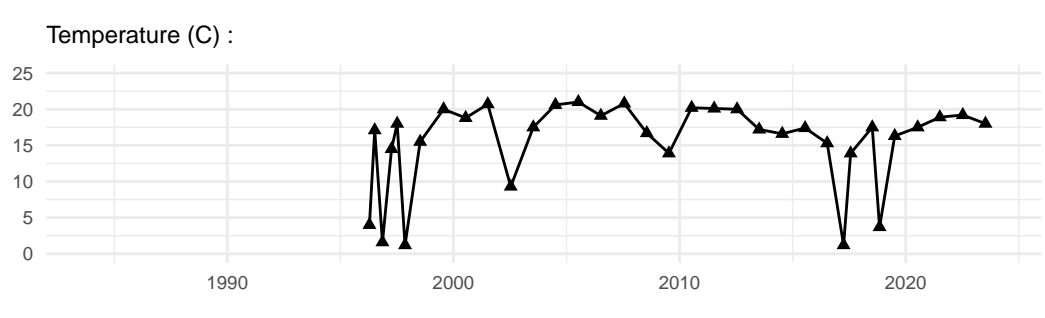
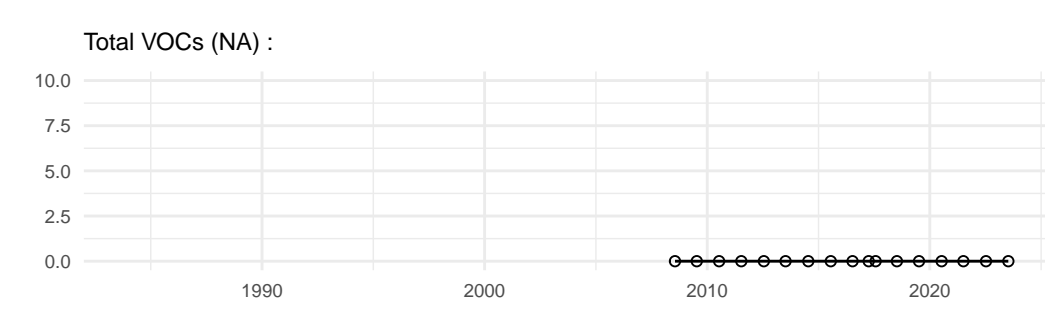
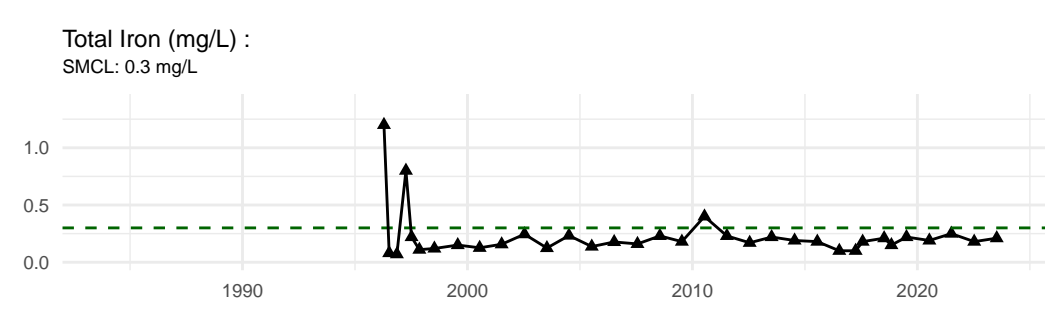
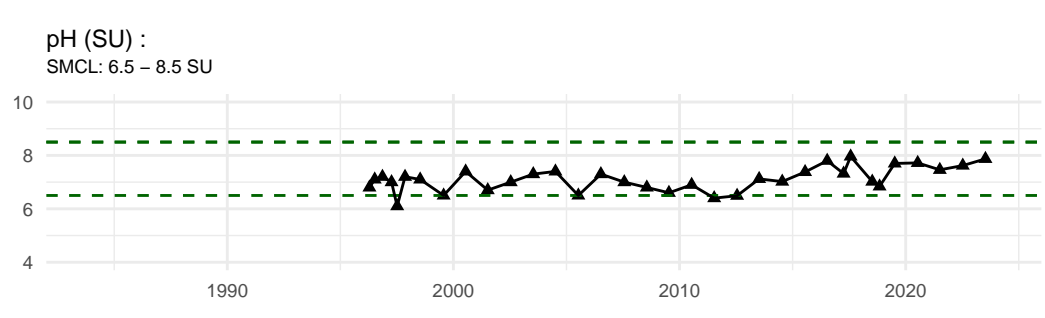
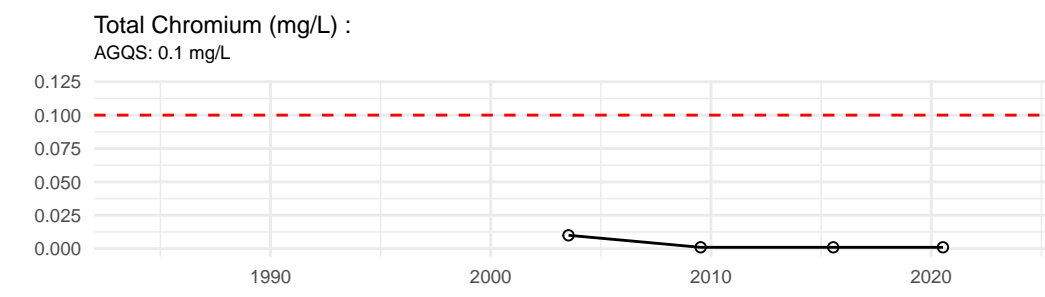
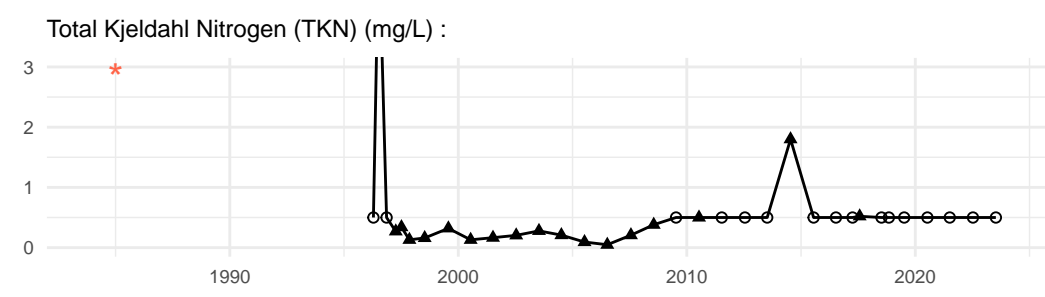
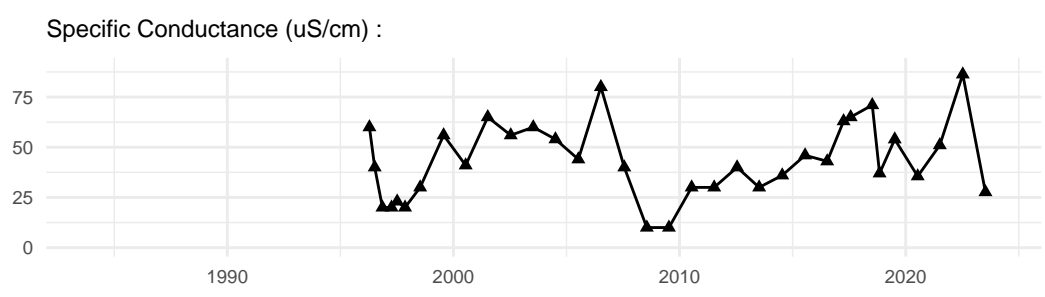
Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL

* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

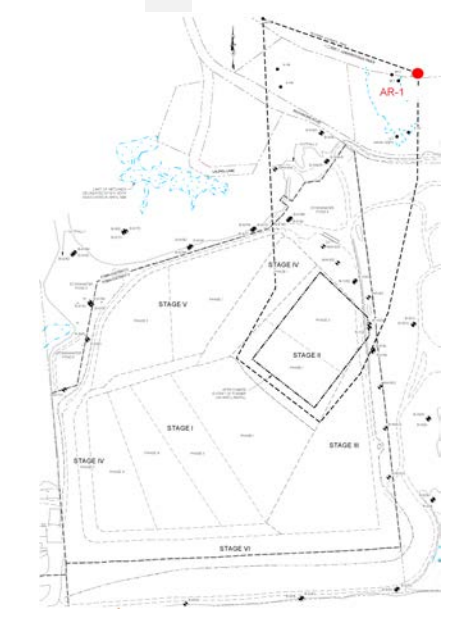
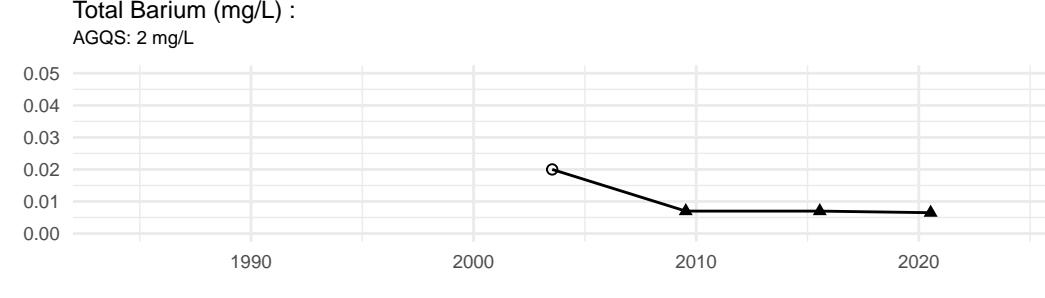
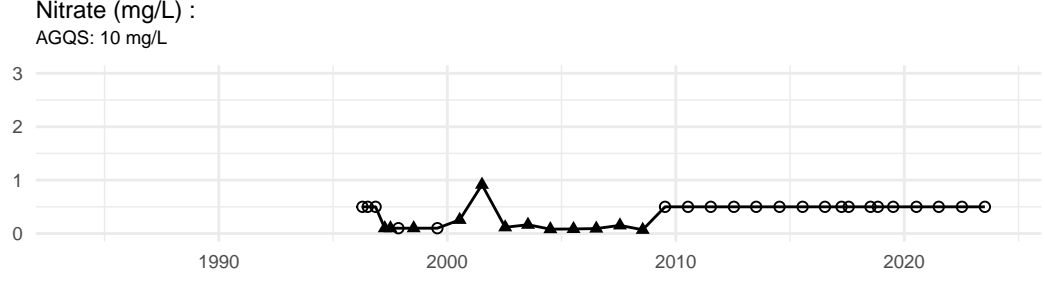
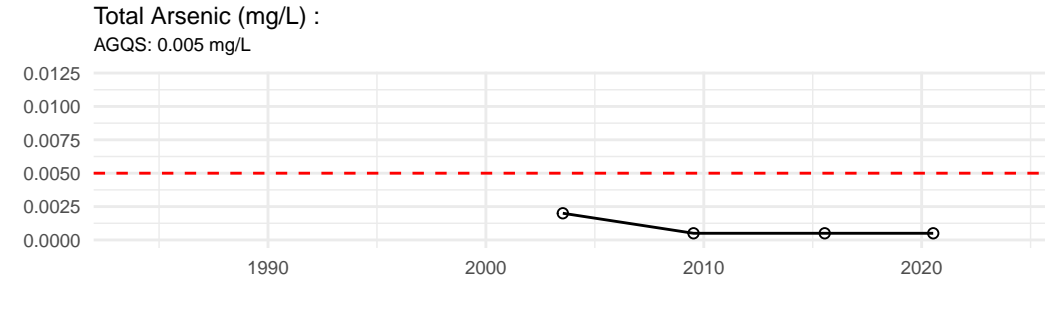
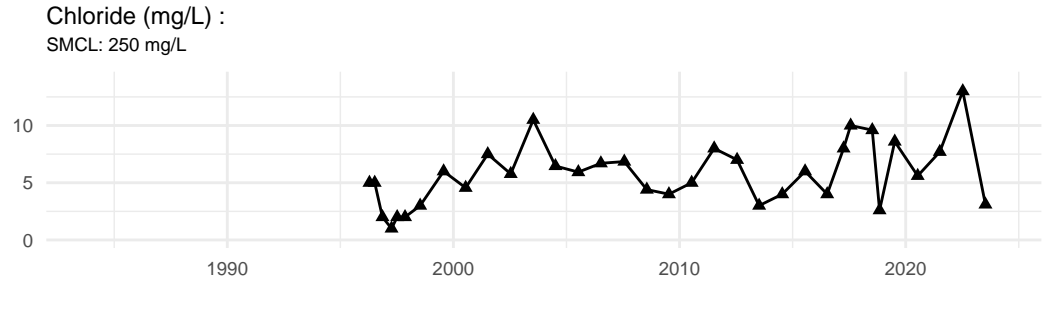


Result

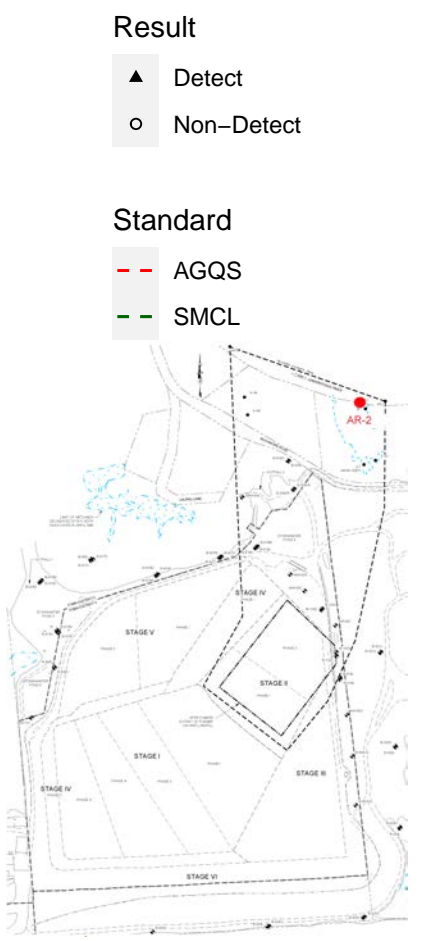
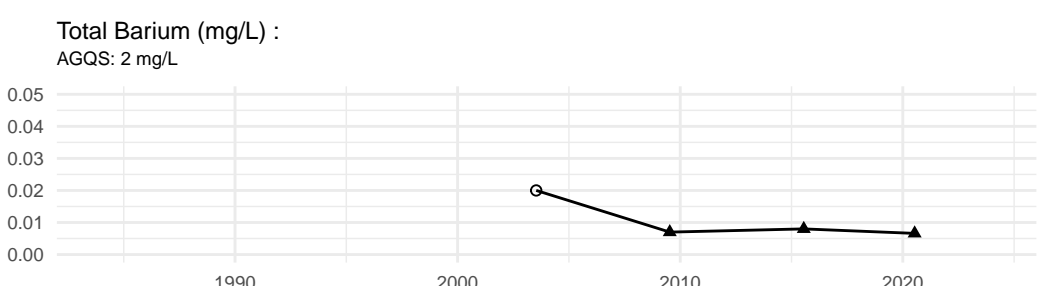
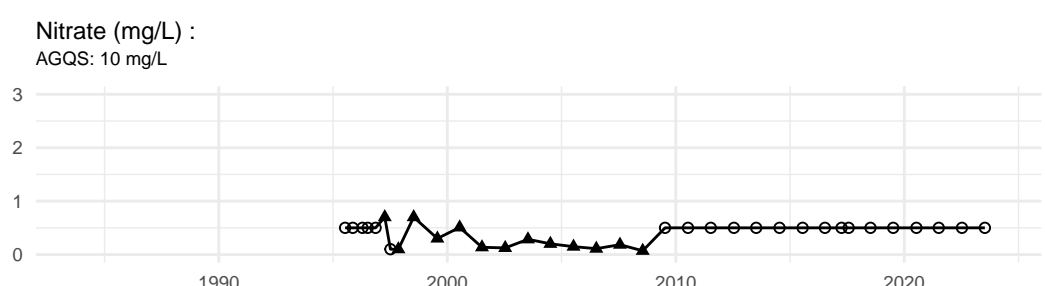
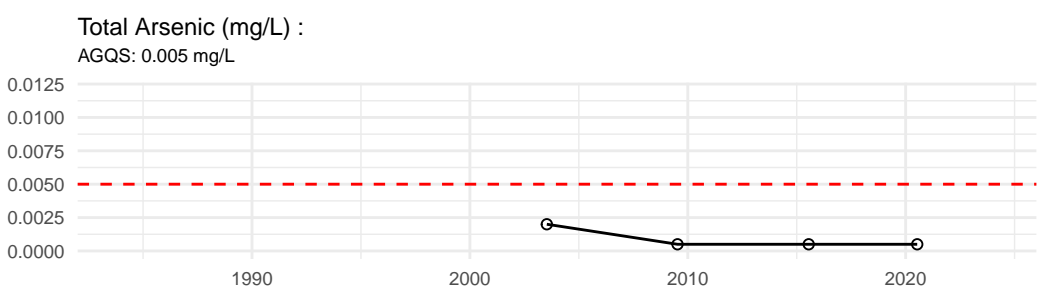
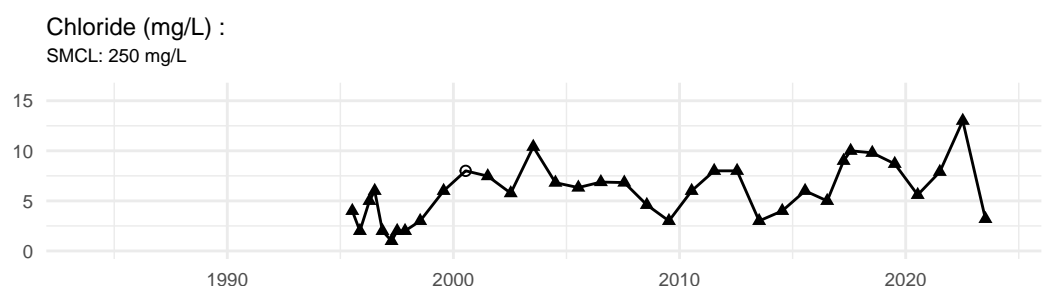
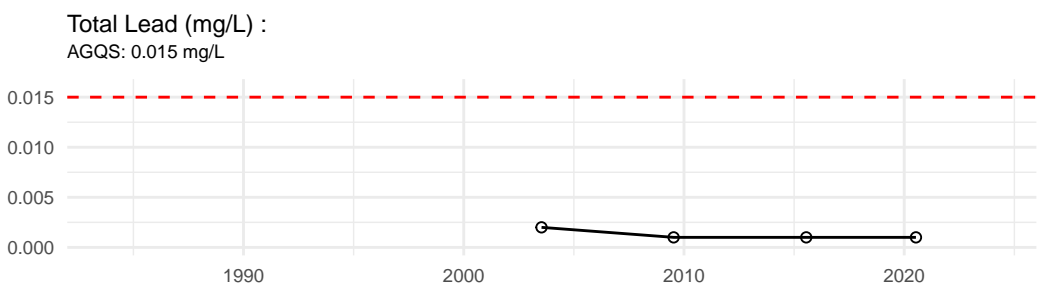
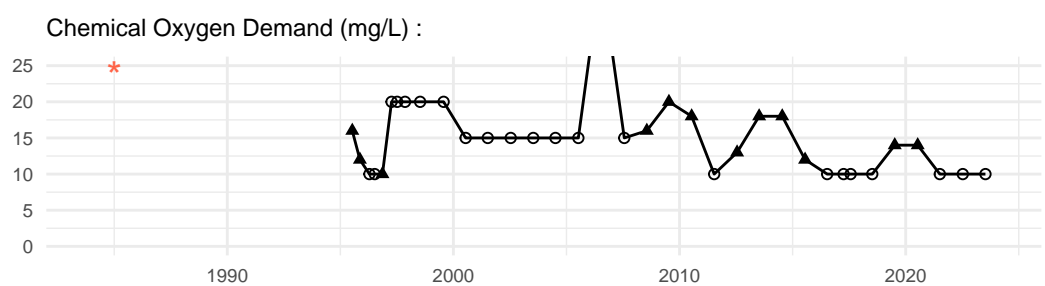
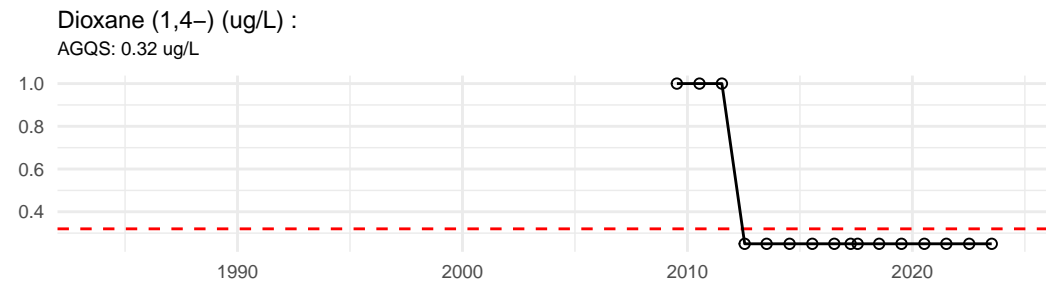
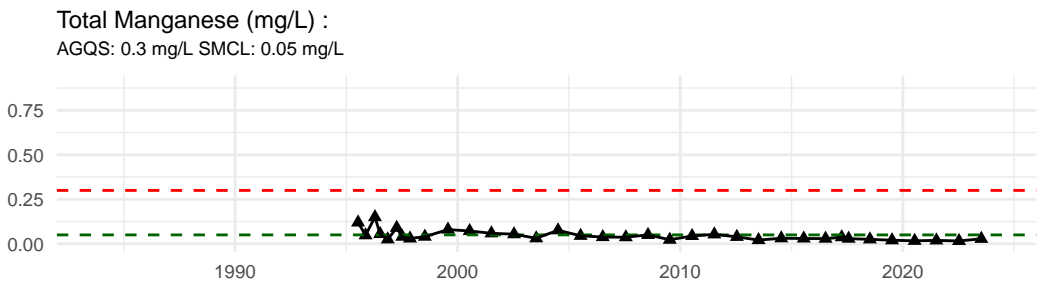
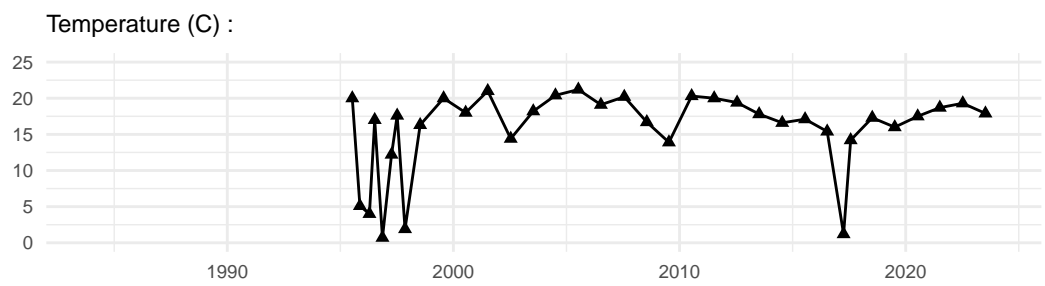
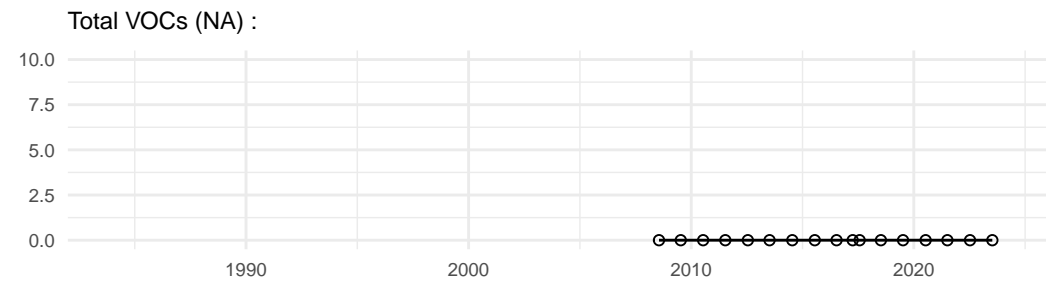
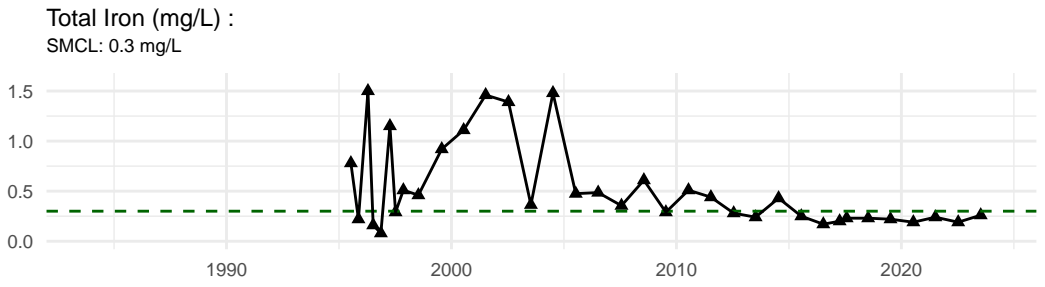
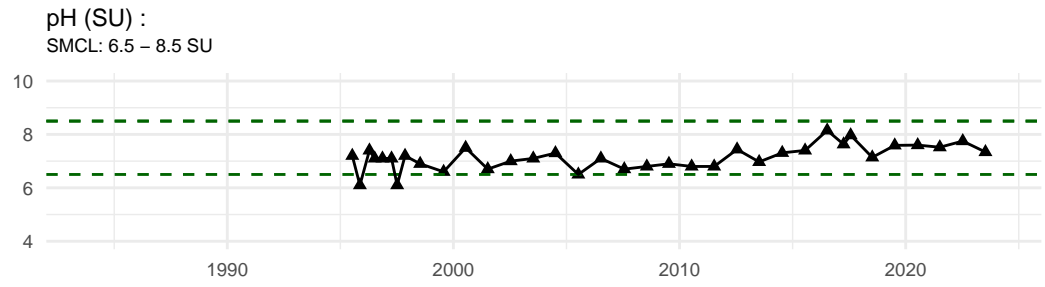
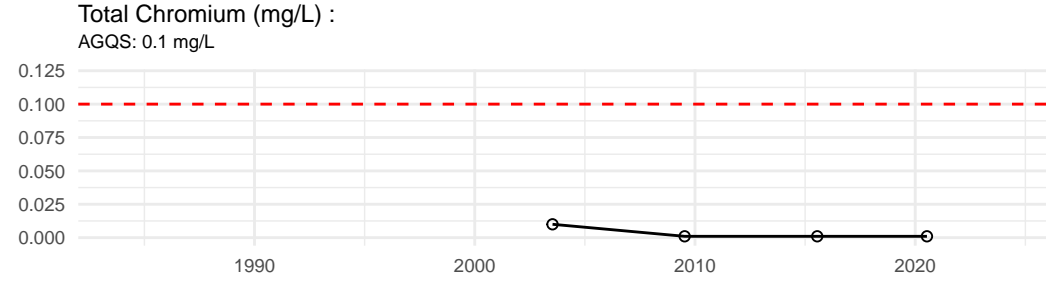
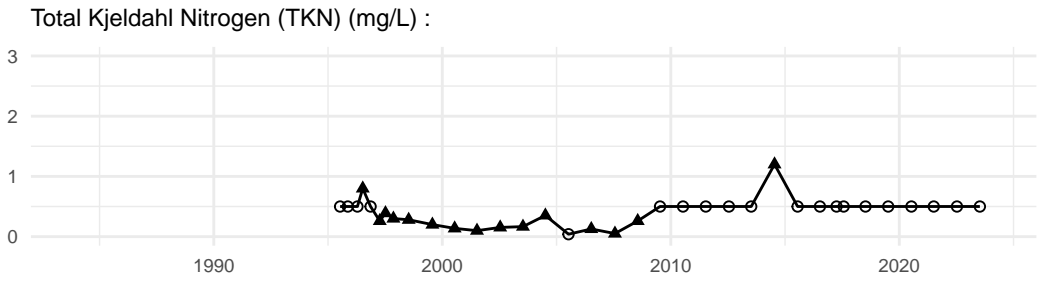
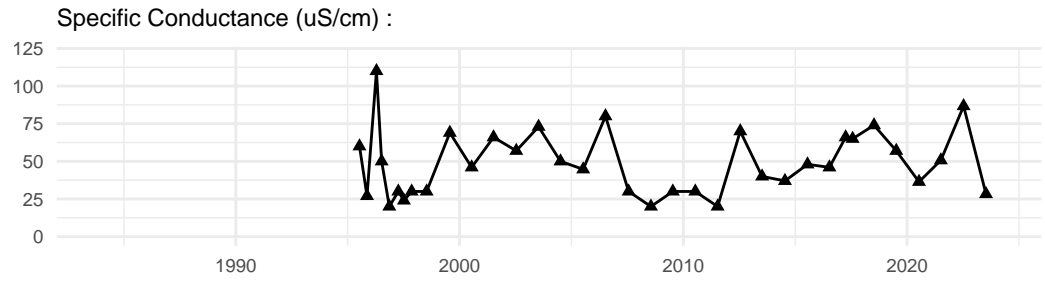
- ▲ Detect
- Non-Detect

Standard

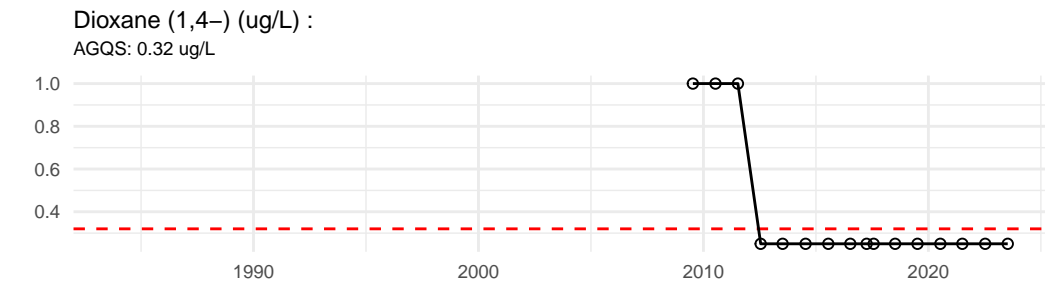
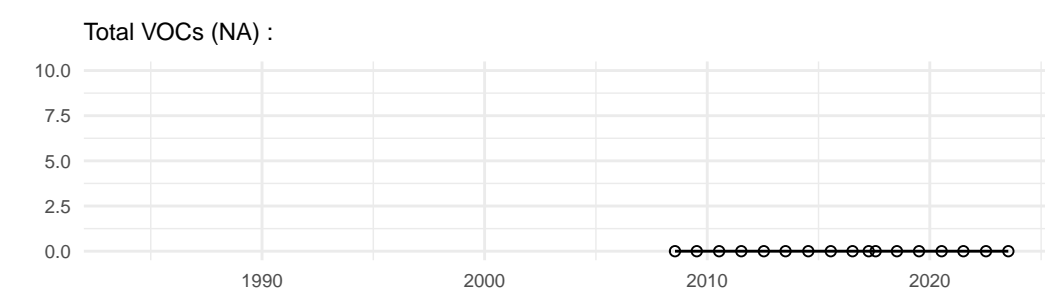
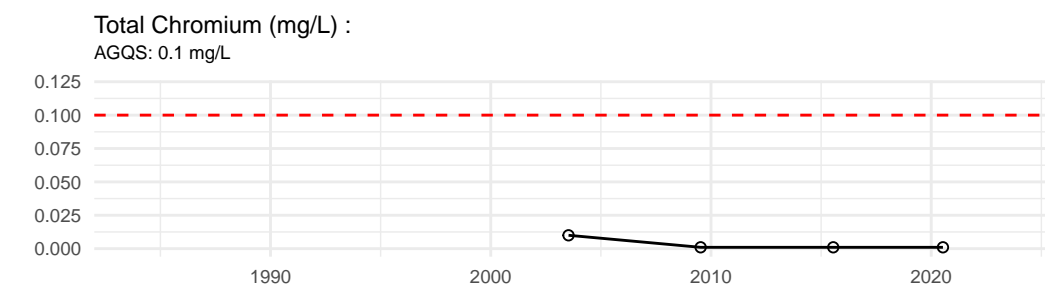
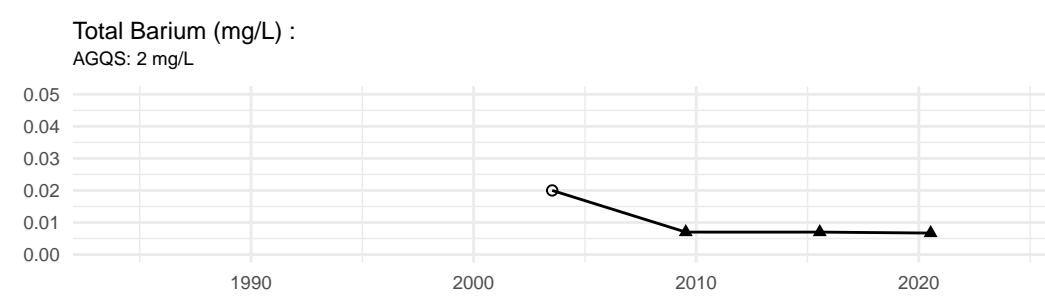
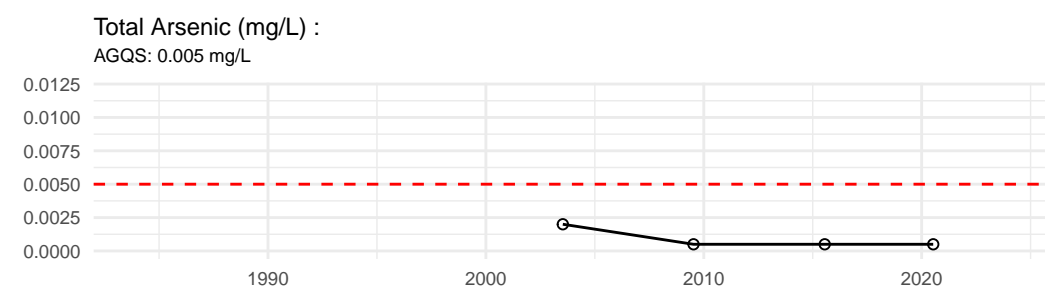
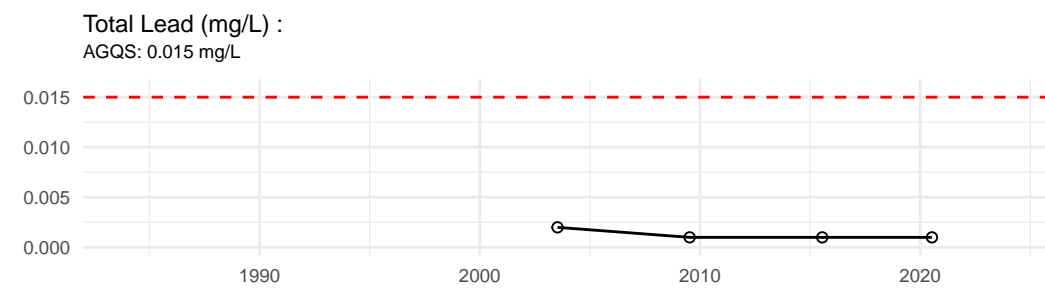
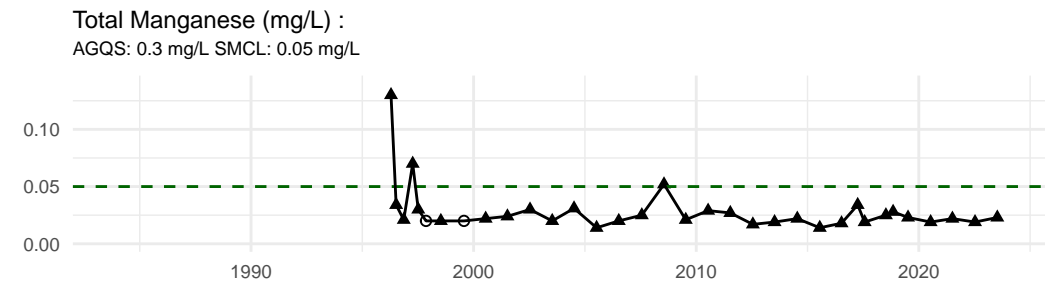
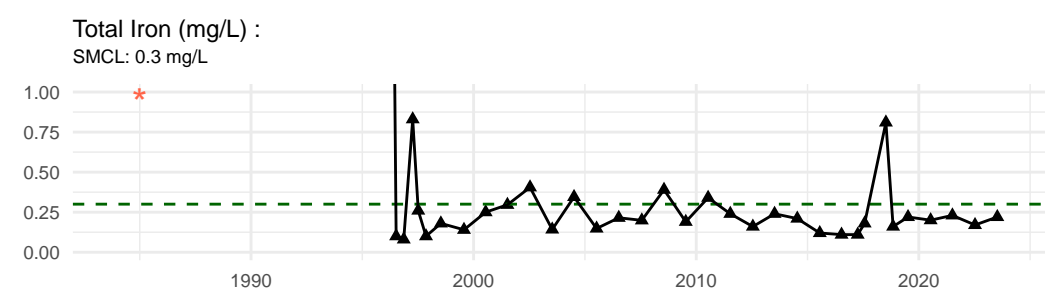
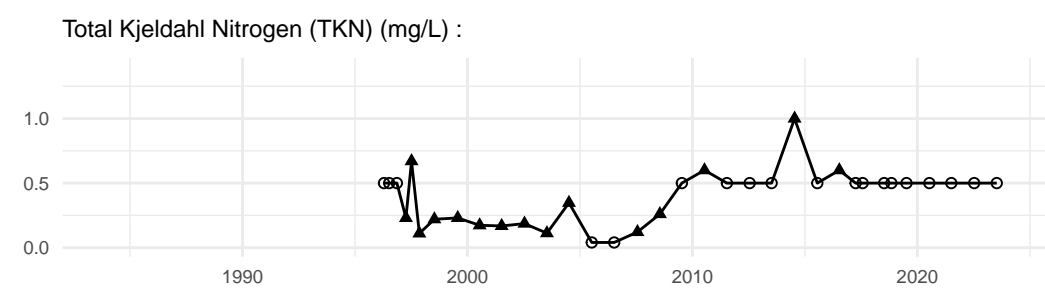
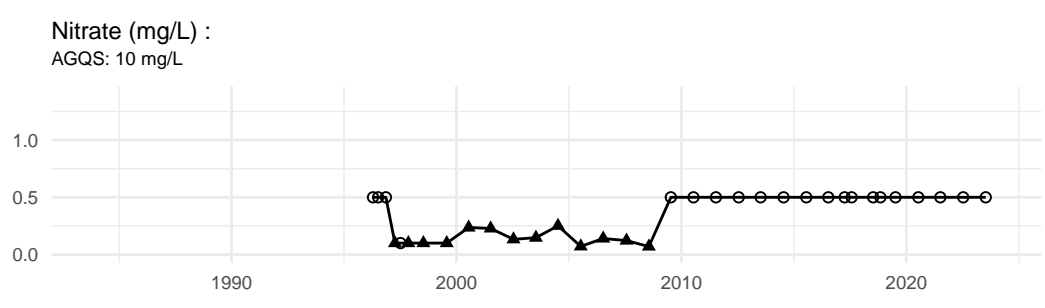
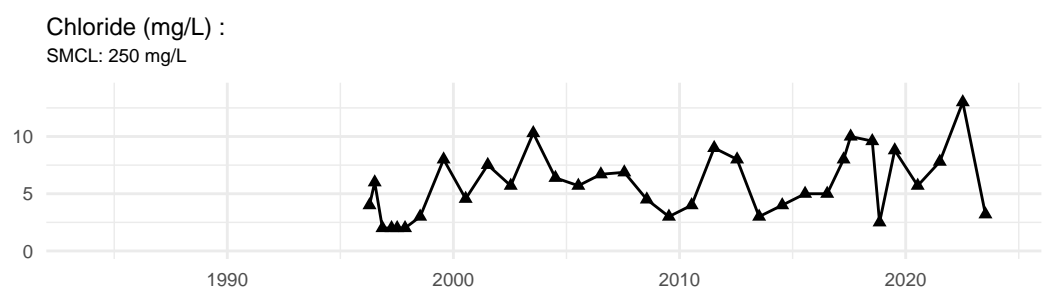
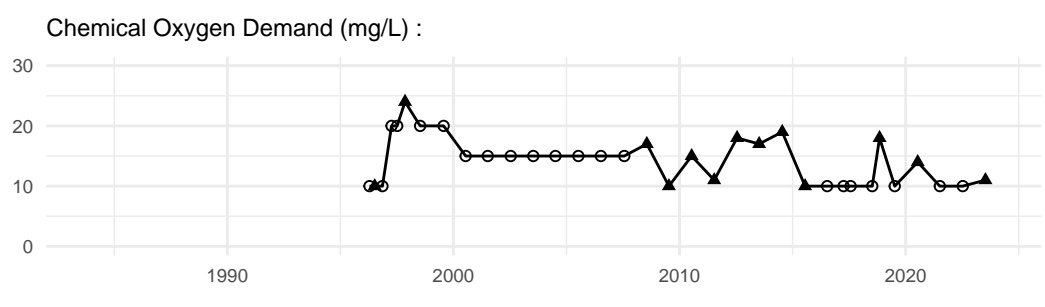
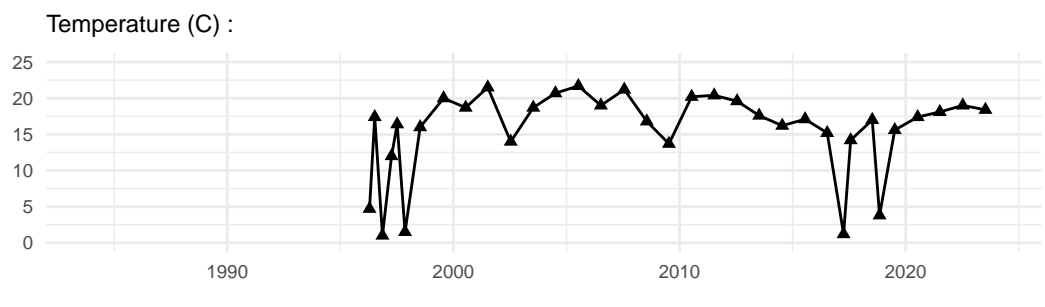
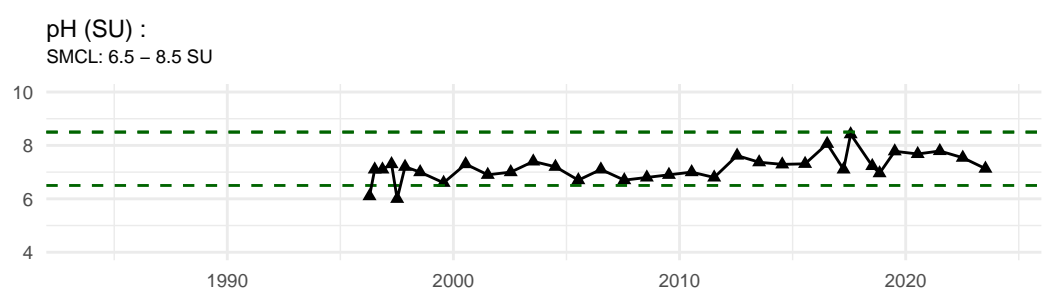
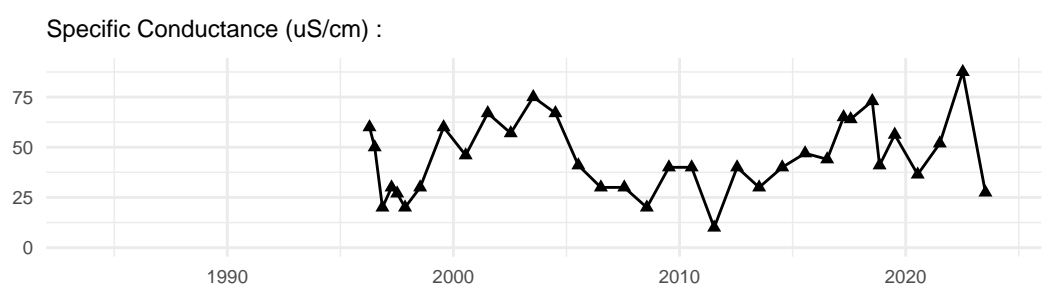
- - - AGQS
- - - SMCL



* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.



* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

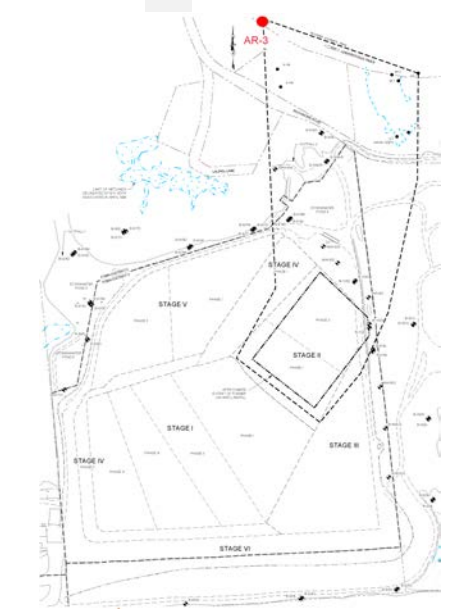


Result

- ▲ Detect
- Non-Detect

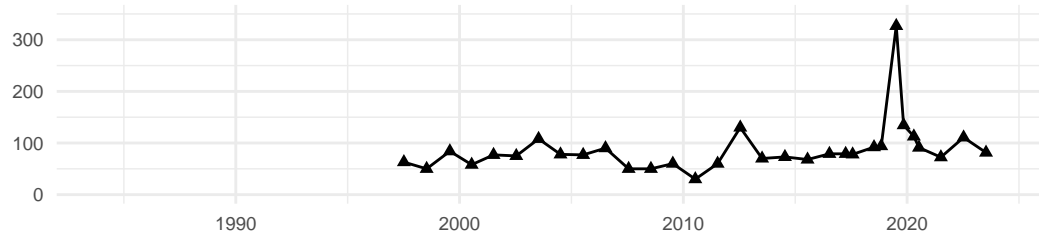
Standard

- - - AGQS
- - - SMCL

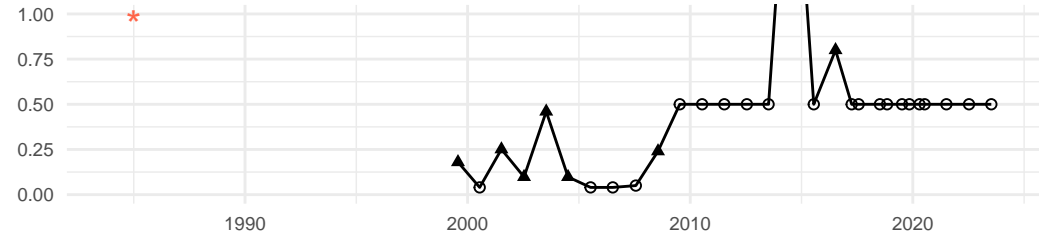


* indicates one or more data points plot outside concentration range shown
Sanborn, Head & Associates, Inc.

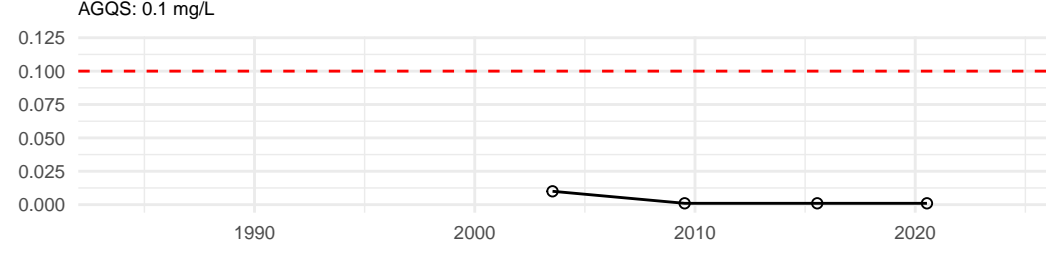
Specific Conductance (uS/cm) :



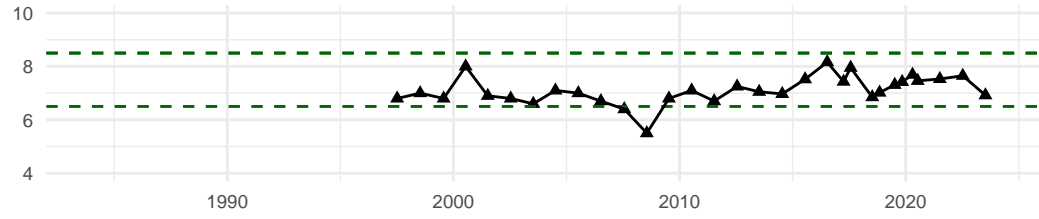
Total Kjeldahl Nitrogen (TKN) (mg/L) :



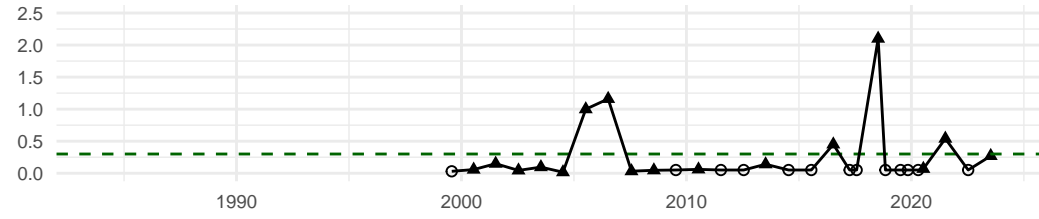
Total Chromium (mg/L) :



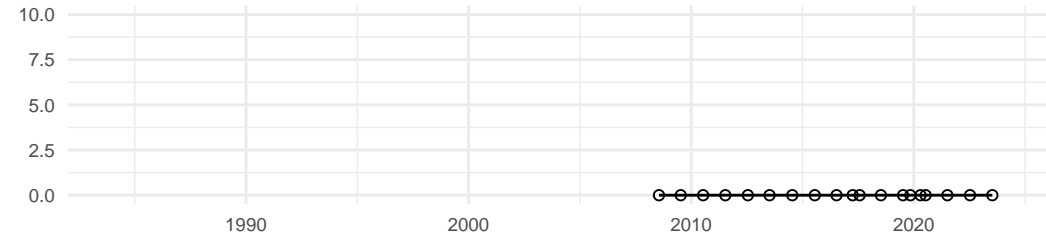
pH (SU) :
SMCL: 6.5 - 8.5 SU



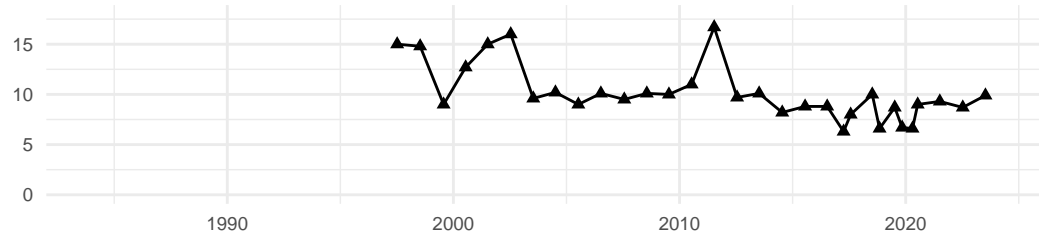
Total Iron (mg/L) :
SMCL: 0.3 mg/L



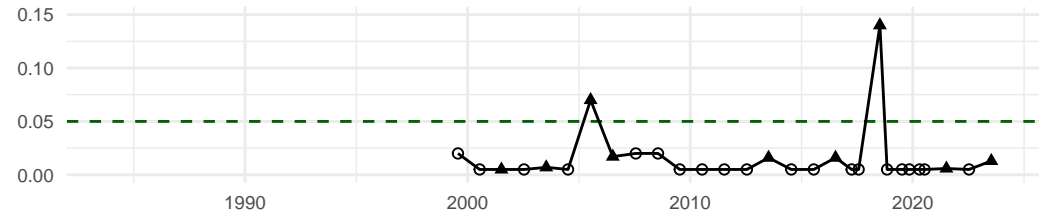
Total VOCs (NA) :



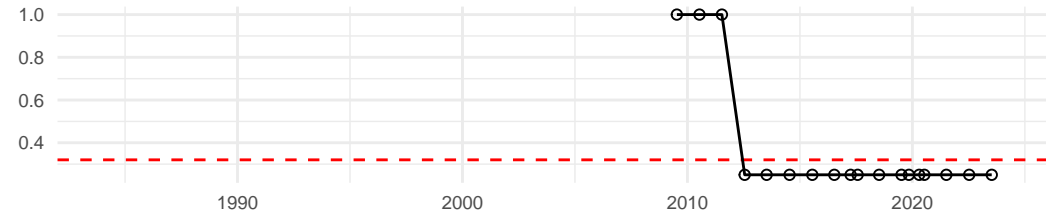
Temperature (C) :



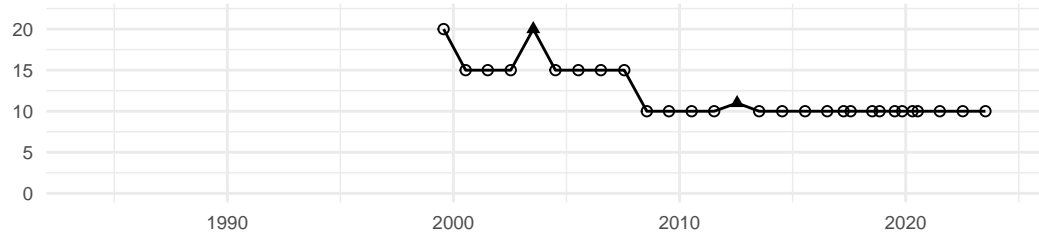
Total Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



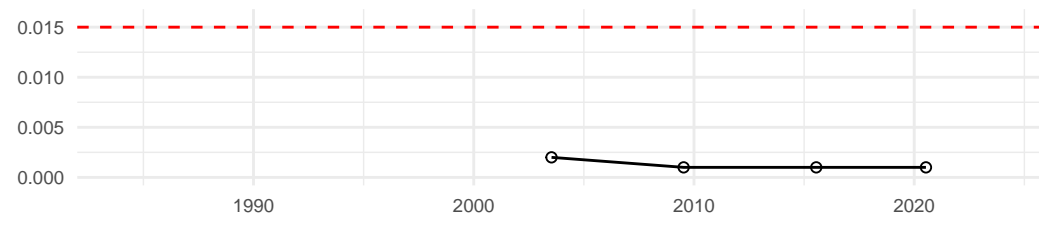
Dioxane (1,4-) (ug/L) :
AGQS: 0.32 ug/L



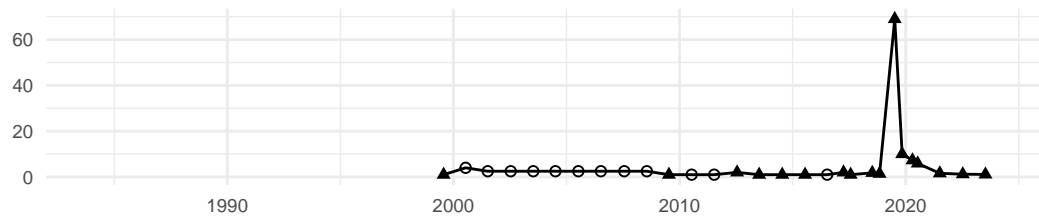
Chemical Oxygen Demand (mg/L) :



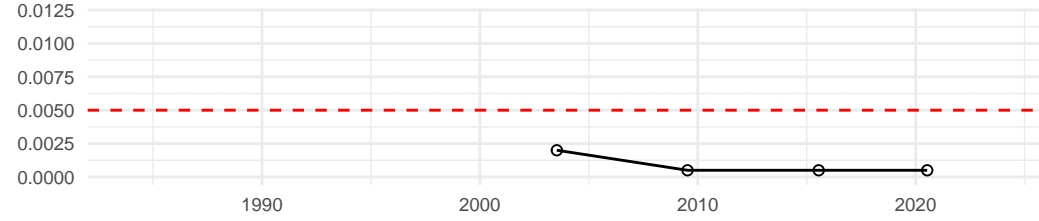
Total Lead (mg/L) :
AGQS: 0.015 mg/L



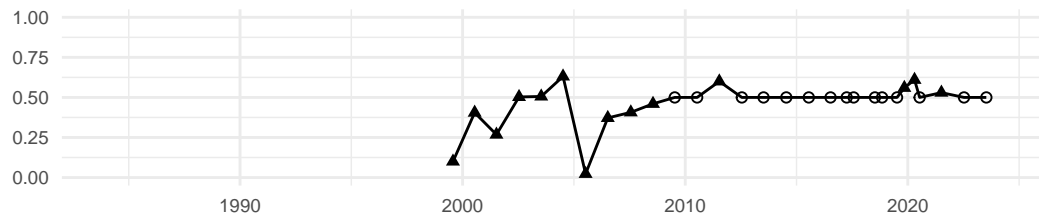
Chloride (mg/L) :
SMCL: 250 mg/L



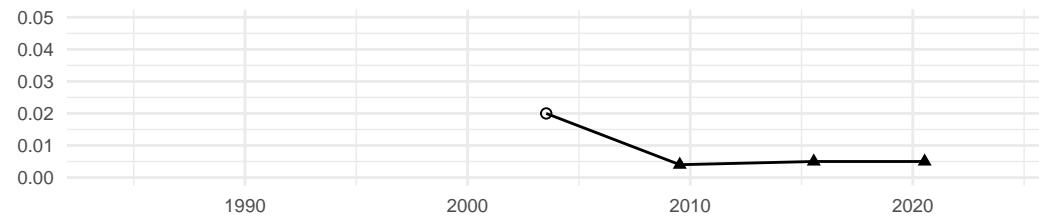
Total Arsenic (mg/L) :
AGQS: 0.005 mg/L



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



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

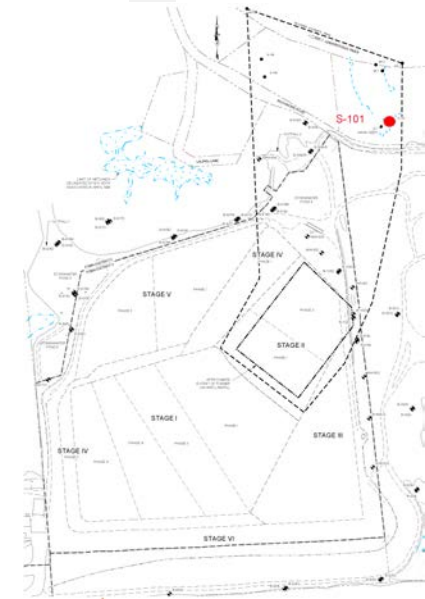


Result

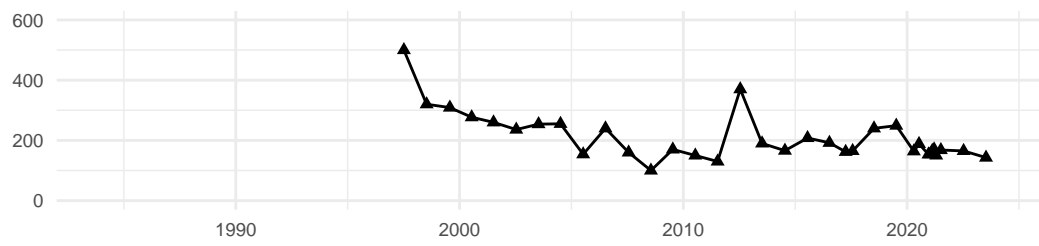
- ▲ Detect
- Non-Detect

Standard

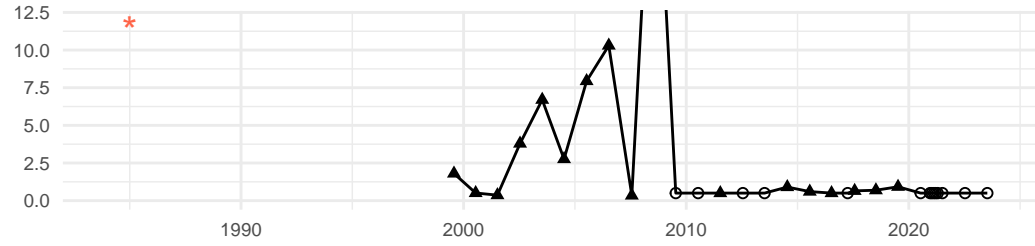
- - - AGQS
- - - SMCL



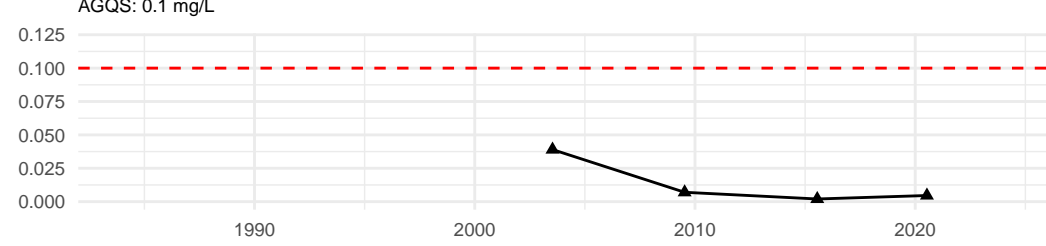
Specific Conductance (uS/cm) :



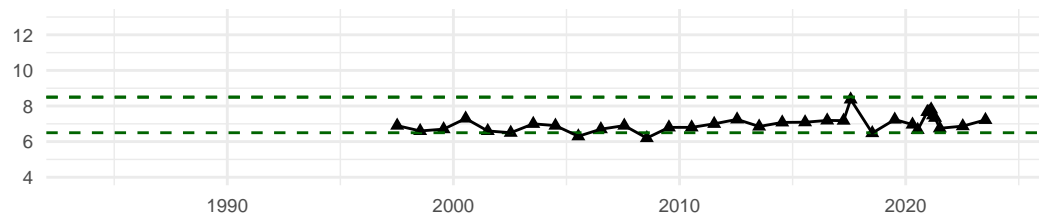
Total Kjeldahl Nitrogen (TKN) (mg/L) :



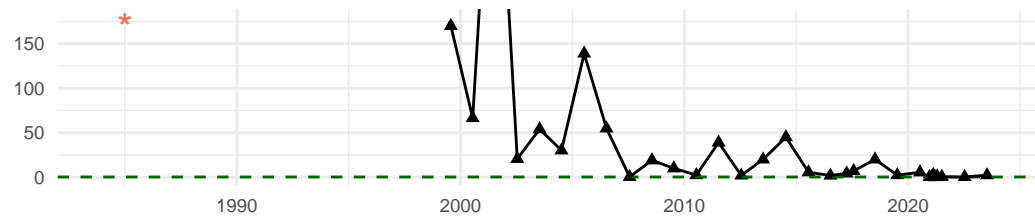
Total Chromium (mg/L) :



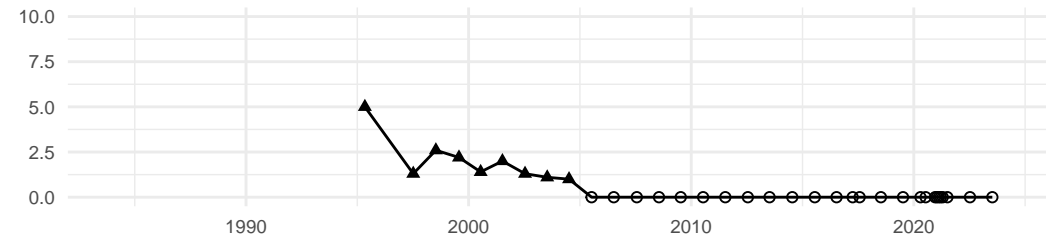
pH (SU) :
SMCL: 6.5 – 8.5 SU



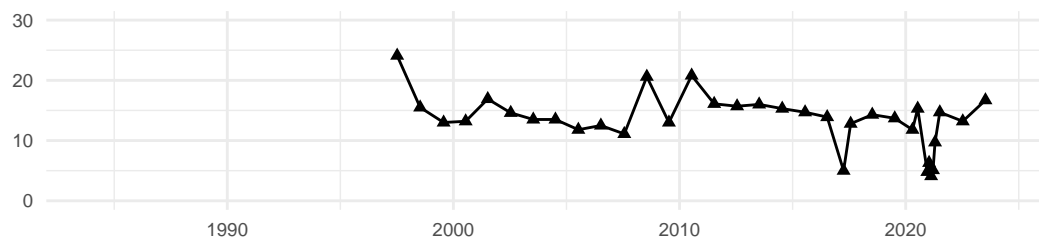
Total Iron (mg/L) :
SMCL: 0.3 mg/L



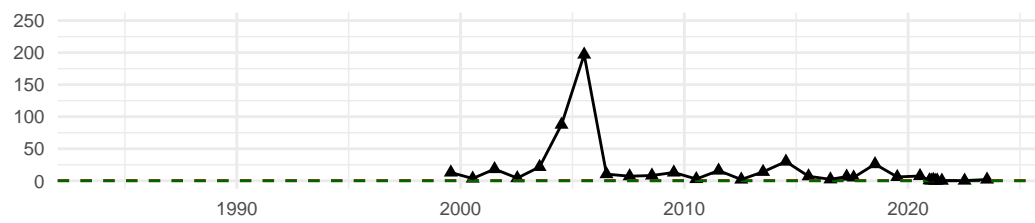
Total VOCs (NA) :



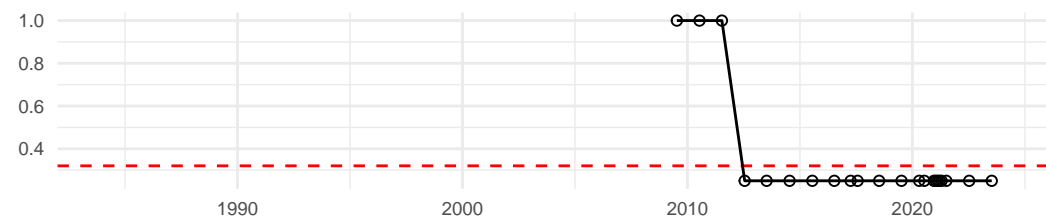
Temperature (C) :



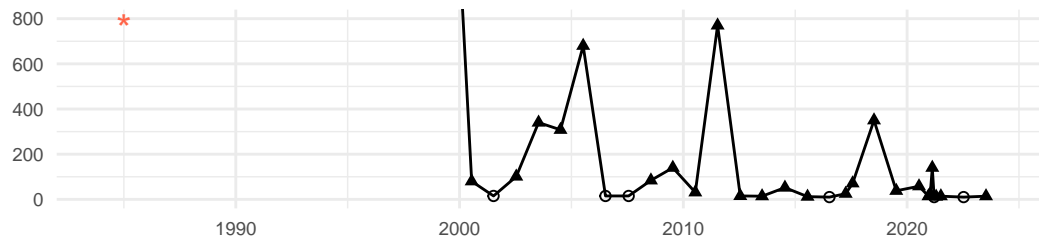
Total Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



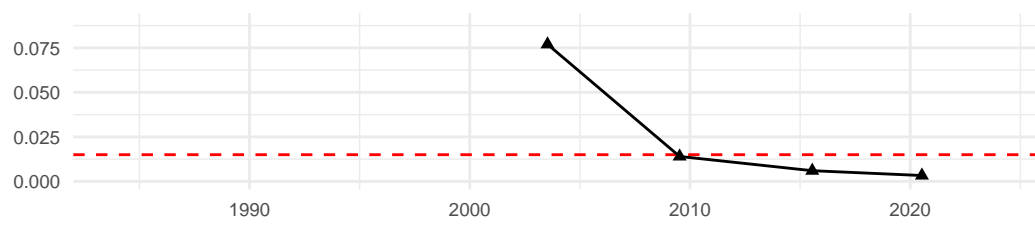
Dioxane (1,4-) (ug/L) :
AGQS: 0.32 ug/L



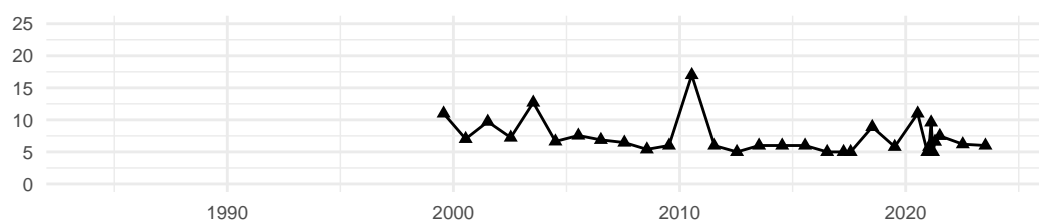
Chemical Oxygen Demand (mg/L) :



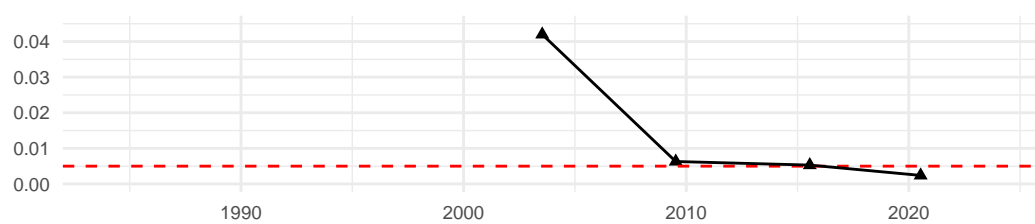
Total Lead (mg/L) :
AGQS: 0.015 mg/L



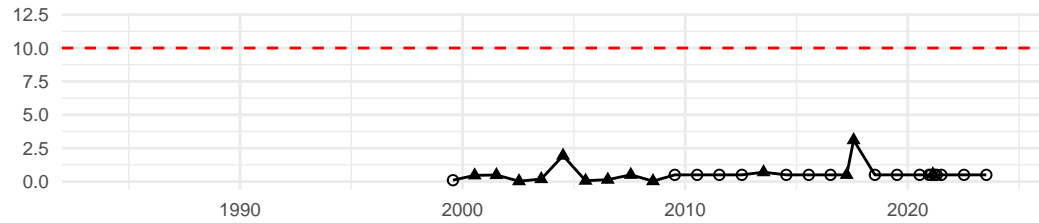
Chloride (mg/L) :
SMCL: 250 mg/L



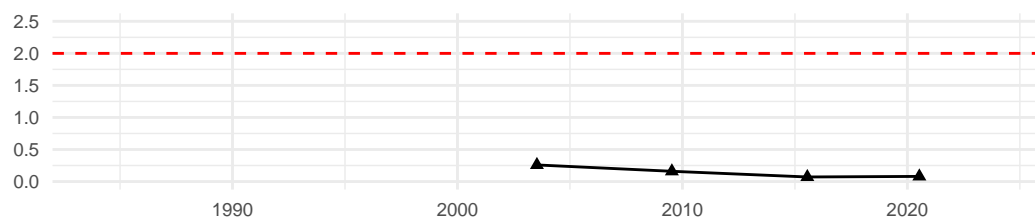
Total Arsenic (mg/L) :
AGQS: 0.005 mg/L



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



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

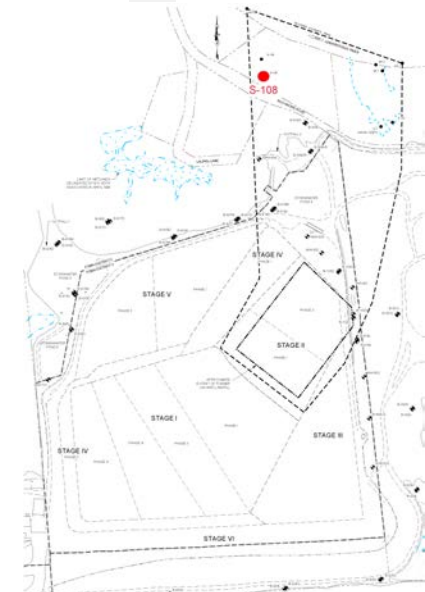


Result

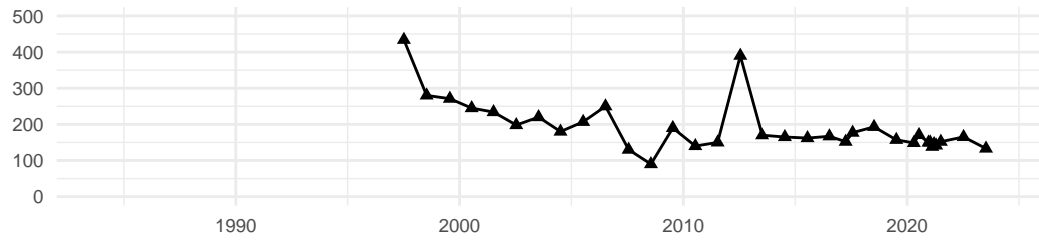
- ▲ Detect
- Non-Detect

Standard

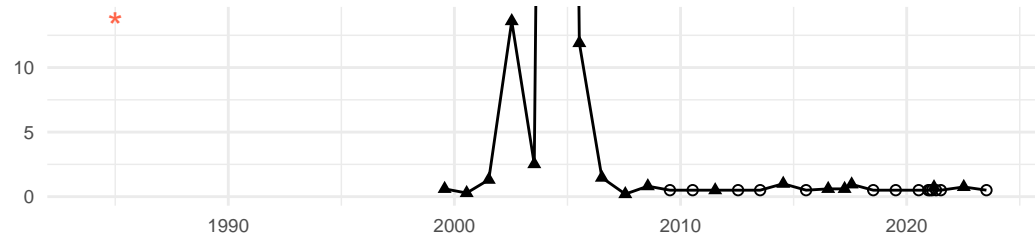
- - - AGQS
- - - SMCL



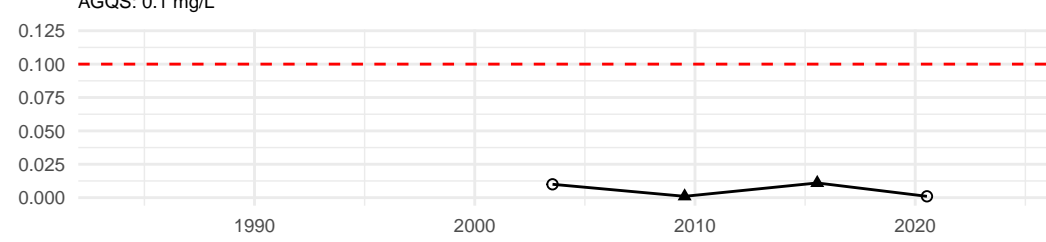
Specific Conductance (uS/cm) :



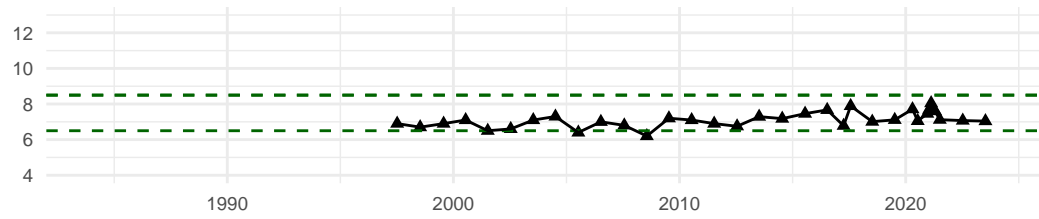
Total Kjeldahl Nitrogen (TKN) (mg/L) :



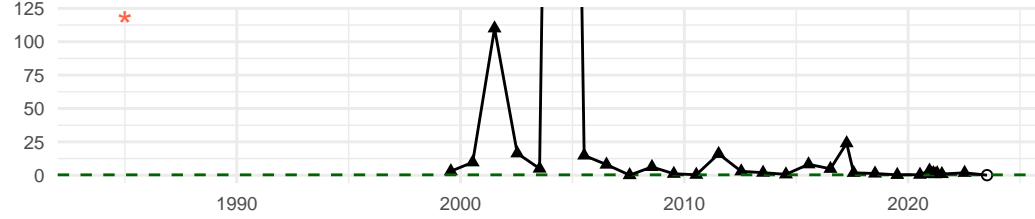
Total Chromium (mg/L) :



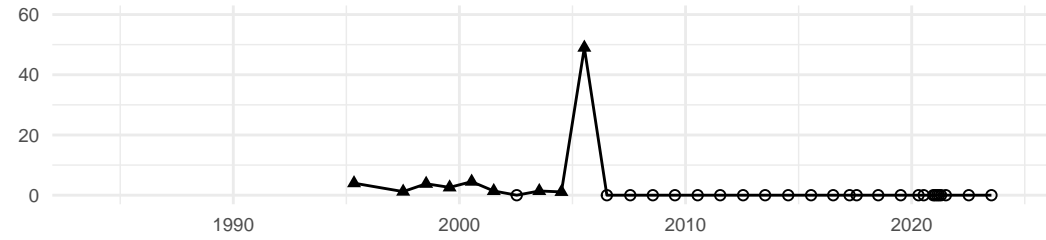
pH (SU) :
SMCL: 6.5 – 8.5 SU



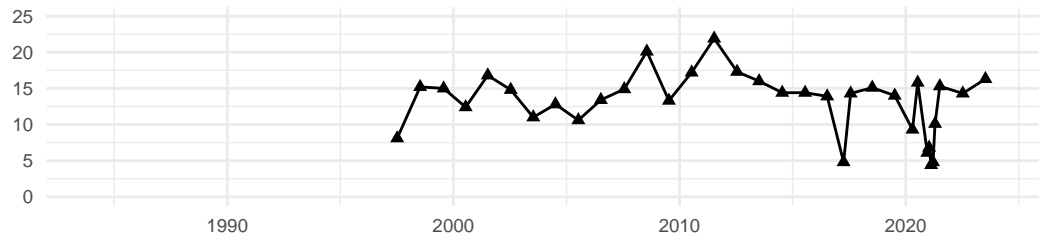
Total Iron (mg/L) :
SMCL: 0.3 mg/L



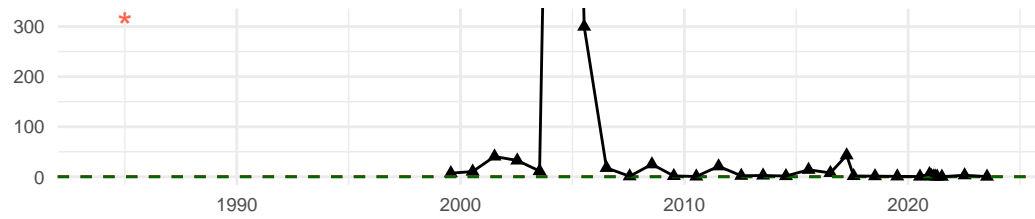
Total VOCs (NA) :



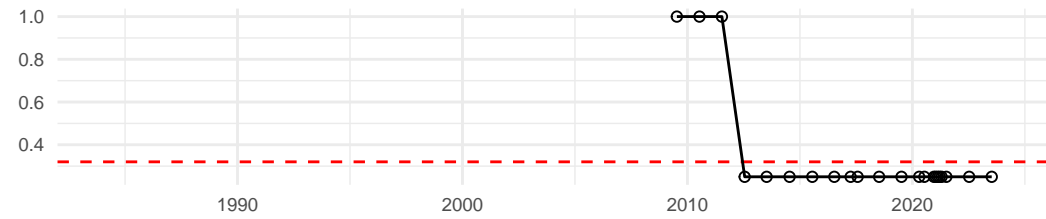
Temperature (C) :



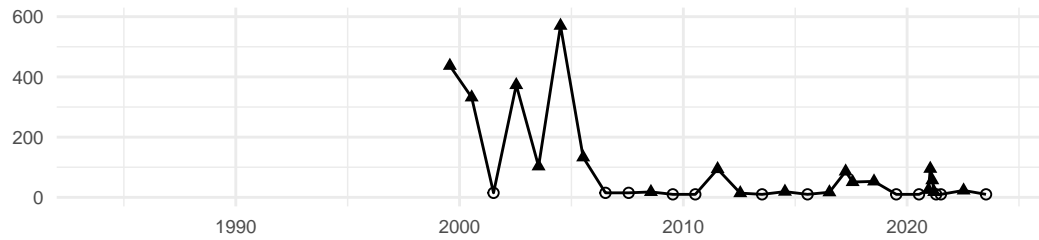
Total Manganese (mg/L) :
AGQS: 0.3 mg/L SMCL: 0.05 mg/L



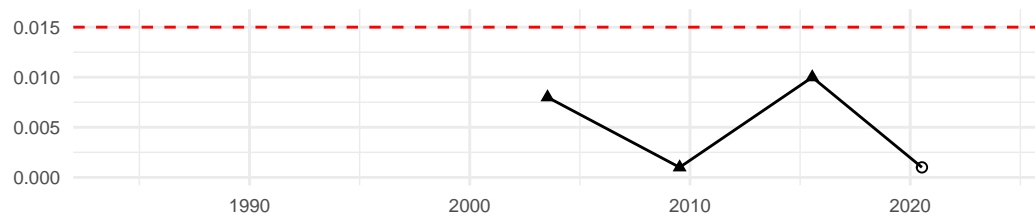
Dioxane (1,4-) (ug/L) :
AGQS: 0.32 ug/L



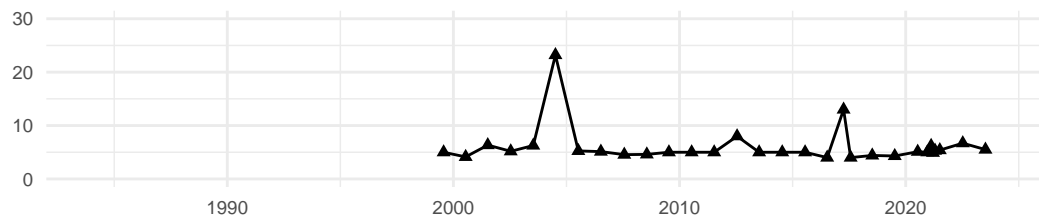
Chemical Oxygen Demand (mg/L) :



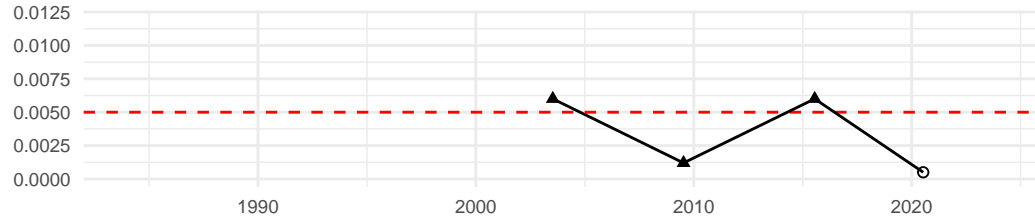
Total Lead (mg/L) :
AGQS: 0.015 mg/L



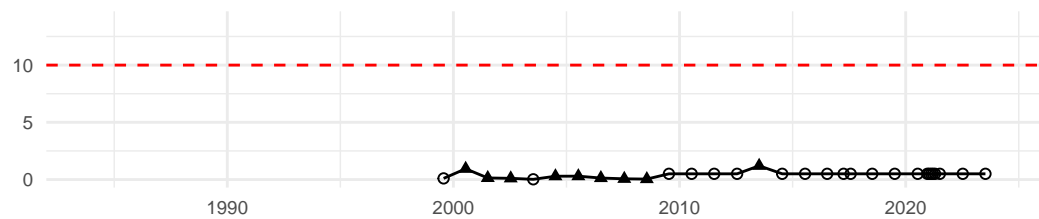
Chloride (mg/L) :
SMCL: 250 mg/L



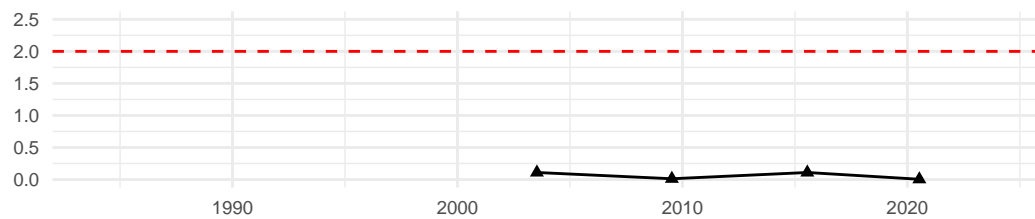
Total Arsenic (mg/L) :
AGQS: 0.005 mg/L



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



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

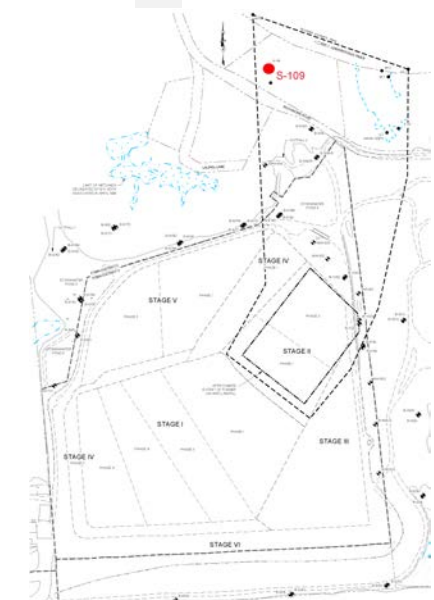


Result

- ▲ Detect
- Non-Detect

Standard

- - - AGQS
- - - SMCL



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 AGQs 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 (PFASs). All of the carbons are fluorinated.

“<” indicates the analyte was not detected.

7. **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).

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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																								Total of Regulated PFAS	Total PFAS		
			Perfluoroalkyl Carboxylic Acids										Perfluoroalkyl Sulfonic Acids						Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances						
			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]	Perfluorodecane sulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic 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	4.77	<4	<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	5.5	<4	4.82	<4	<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	<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	<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	37.2	<4.29	<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	<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	66.5	<4	<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	137	4.46	13.2	<4	<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	111	<4	6.51	<4	<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	165	5	11.1	<4	<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	4.43	<4	<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	12	<4	5.37	<4	<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	47	<4	4.19	<4	<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	22.9	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	8.34	110.58	
B-304UR	7/11/2023	N	14.2	15.0	25.2	8.70	13.2	<2.13	<2.13	<2.13	<2.13	<2.13	11.4	<2.13	2.25	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<2.13	<4.26	<2.13	<2.13	15.45	89.95	
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	73.8	<4.41	<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	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	55.6	<4	7.51	<4	<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	27	<4	6.8	<4	<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	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	14.9	<4	13.8	<4	<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	12.2	<4	15.8	<4	<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	11.4	<4	11.3	<4	<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	15	<4	21.2	<4	<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	12.9	<4	18.8	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	82.2	188.7	
B-304DR	7/11/2023	N	22.5	25.6	31.6	25.4	91.4	<2.85	<2.85	<2.85	<2.85	<2.85	15.9	2.88	23.9	<2.85	<2.85	<2.85	<2.85	<2.85	<2.85	<2.85	<2.85	<2.85	<5.71	<2.85	<2.85	115.3	246.3	
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	<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	<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	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	4.3	<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	<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	<20	<4	<4	11.5	31.74		
MW-604	6/8/2022																													

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																								Total of Regulated PFAS	Total PFAS								
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids						Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances											
			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]	Perfluorodecane sulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic 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	7/8/2019	N	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	<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	<4.39	<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	<4	<4	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ND	ND
B-914U	12/1/2022	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<4	<4	<4	ND	ND	
B-914L	12/1/2022	N	<4	<4	<4	<4	4.84	<4	<4	<4	<4	<4	<4	<4	7.18	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<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	<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	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	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<4	<4	4.4	32.62		
B-915U	7/11/2023	N	7.67	6.97	11.0	2.69	4.23	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	5.57	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	4.23	38.13		
B-915M	11/7/2017	N	<4.40	<4.40	<4.40	<4.40	<4.40	<4.40					<4.40		<4.40		<4.40																	ND	ND	
B-915M	4/23/2018	N	<4.13	<4.13	<4.13	<4.13	4.54	<4.13					<4.13		<4.13		<4.13																	4.54	4.54	
B-915M	7/9/2018	N	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23					<4.23		<4.23		<4.23																	ND	ND	
B-915M	7/9/2019	N	<4.24	<4.24	<4.24	<4.24	<4.24	<4.24					<4.24		<4.24		<4.24																	ND	ND	
B-915M	7/15/2020	N	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	5.43	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	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<4	<4	4.54	19.74		
B-915M	7/11/2023	N	3.33	4.67	4.97	<2.21	4.20	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	2.44	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	4.2	19.61		
B-915D	11/7/2017	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35					<4.35		<4.35		<4.35																	ND	ND	
B-915D	4/23/2018	N	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28					<4.28		<4.28		<4.28																	ND	ND	
B-918U	7/9/2018	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35					<4.35		<4.35		<4.35																	ND	ND	
B-918U	8/27/2018	N	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31					<4.31		<4.31		<4.31																	ND	ND	
B-918U	7/9/2019	N	<4.21	<4.21	<4.21	<4.21	<4.21	<4.21					<4.21		<4.21		<4.21																	ND	ND	
B-918U	7/15/2020	N	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<4.47	<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	<4	<4	<4	<4	<4	<4	<4	<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	<4	<4	<4	<4	<4	<4	<4	<4	<4	ND	ND	
B-918U	7/11/2023	N	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	ND	ND		
B-918M	7/9/2018	N	23.7	38.3	51.5	23	64	8.72					9.33		11.3		12.6																96.62	242.45		
B-918M	8/27/2018	N	23.7	35.9	47.2	19.3	52	6.71					7.19		7.71		10.3																76.72	210.01		
B-918M	11/5/2018	N	13.5	23.7	33.2	14.2	42.9	6.13					5.54		6.02		10.7																65.75	155.89		
B-918M	4/22/2019	N	9.7	14	21	9.6	27	6.6	<1.7	<1.7	<1.7	<0.86	<0.86	3.1	<1.7	3.8	<1.7	8.6	<1.7	<1.7	<2.6	<1.7	<5.2	<2.6	<7.8	<2.6	<2.6	<2.6	<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																												

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																								Total of Regulated PFAS	Total PFAS		
			Perfluoroalkyl Carboxylic Acids											Perfluoroalkyl Sulfonic Acids						Fluorotelomers			Perfluoroalkane Sulfonamides		Perfluoroalkane Sulfonyl Substances					
			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]	Perfluorodecane sulfonic Acid (PFDS) [10S]	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1H,1H,2H,2H-Perfluorodecane sulfonic 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	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	4.81	<4	5.66	<4	9.65	<4	<4	<4	<4	<20	<4	<4	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	<4.39	<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	<5.27	5.22	<4.22	<5.8	<4.22	<4.22	<4.75	<4.22	<20	<4.22	<5.54	38.75	89.74		
B-918M	7/6/2021	N	11.2	20.8	28.4	11.4	40.4	6.91	<4	<4	<4	<4	<4	4.81	<4	5.66	<4	9.65	<4	<4	<4	<4	<4	<20	<4	<4	62.62	139.23		
B-918M	7/6/2021	FD	12	21.4	26.4	13.2	39.1	6.44	<4	<4	<4	<4	<4	4.23	<4	5.55	<4	9.04	<4	<4	<4	<4	<4	<20	<4	<4	60.13	137.36		
B-918M	11/2/2021	N	8.25	14.4	19.7	8.6	29.2	5.33	<4	<4	<4	<4	<4	<4	<4	4.04	<4	6.97	<4	<4	<4	<4	<4	<20	<4	<4	45.54	96.49		
B-918M	11/2/2021	FD	8.16	14	18.5	8.32	27.8	4.72	<4	<4	<4	<4	<4	<4	<4	4.79	<4	7.3	<4	<4	<4	<4	<4	<20	<4	<4	44.61	93.59		
B-918M	1/6/2022	N	7.86	13.6	17.7	7.76	26.9	4.53	<1.99	<1.99	<1.99	<1.99	<1.99	3.37	<1.99	4.07	<1.99	7.75	<1.99	<1.99	<1.99	<1.99	<1.99	<2.48	<1.99	<1.99	43.25	93.54		
B-918M	4/18/2022	N	12.0	21.2	29.7	12.5	44.2	6.52	<4	<4	<4	<4	<4	4.93	<4	5.39	<4	10.5	<4	<4	<4	<4	<4	<20	<4	<4	66.61	146.94		
B-918M	7/12/2022	N	12.6	20.5	27.3	13.0	40.6	6.71	<4	<4	<4	<4	<4	5.37	<4	6.13	<4	10.6	<4	<4	<4	<4	<4	<20	<4	<4	64.04	142.81		
B-918M	7/12/2022	FD	12.2	21.9	28.5	12.7	43.7	6.3	<4	<4	<4	<4	<4	5.20	<4	6.11	<4	10.1	<4	<4	<4	<4	<4	<20	<4	<4	66.21	146.71		
B-918M	11/2/2022	N	10.1	18.1	24.1	11.9	34.9	5.83	<4	<4	<4	<4	<4	<4	<4	<4	<4	9.59	<4	<4	<4	<4	<4	<20	<4	<4	50.32	114.52		
B-918M	1/4/2023	N	6.40	10.0	12.4	6.27	20.4	4.06	<4	<4	<4	<4	<4	<4	<4	4.08	<4	6.73	<4	<4	<4	<4	<4	<20	<4	<4	35.27	70.34		
B-918M	4/19/2023	N	<4	5.81	7.51	4.00	12.9	<4	<4	<4	<4	<4	<4	<4	<4	5.35	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	18.25	35.57		
B-918M	7/11/2023	N	<2.16	3.17	4.25	2.40	6.15	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<4.31	<2.16	<2.16	6.15	15.97		
B-918M	7/11/2023	FD	<2.21	3.09	4.06	2.36	5.89	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<4.41	<2.21	<2.21	5.89	15.4		
B-918D	8/27/2018	N	<4.21	<4.21	<4.21	<4.21	<4.21	<4.21					<4.21			<4.21		<4.21										ND	ND	
B-918D	7/9/2019	N	<4.35	<4.35	<4.35	<4.35	<4.35	<4.35					<4.35			<4.35		<4.35											ND	ND
B-918D	7/6/2021	N	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4		ND	ND	
B-918D	7/11/2023	N	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<2.44	<4.87	<2.44	<2.44		ND	ND	
B-919U	11/7/2017	N	8.92	14	18.7	8.27	54.3	<4.38					4.38		10.6		<4.38											64.9	110.25	
B-919U	4/23/2018	N	7.48	8.46	6.52	4.27	23.4	<4.12					4.37		<4.12		<4.12											23.4	47.02	
B-919U	7/9/2018	N	9.06	12	13.2	6.67	20.6	<4.38					<4.38		<4.38		<4.38											20.6	52.47	
B-919U	7/8/2019	N	9.56	9.07	9.88	5.74	14.1	<4.3					<4.3		<4.3		<4.3											14.1	38.79	
B-919U	7/13/2020	N	6.51	9.14	10.4	<4.38	25.4	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<4.38	<21.9	<4.38	<4.38	25.4	44.94		
B-919U	5/27/2021	N	5.1	7	7.98	<4.19	24.5	<4.19	<4.19	<4.19	<4.19	<4.19	4.36	<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	4.61	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	27.9	60.00		
B-919U	9/29/2021	N	7.31	8.41	11.4	6.59	24.5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	24.5	50.90		
B-919U	11/1/2021	N	6.52	6.96	9.31	6.14	23.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	23.7	52.63		
B-919U	2/22/2022	N	13.7	17.2	23	9.88	25.4	<4	<4	<4	<4	<4	13	<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	8.91	<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	9.93	<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	10.4	<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	14.8	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4	<4	23.4	97.6		
B-919U	7/11/2023	N	5.46	6.09	11.2	8.44	23.7	2.80	<2.11	<2.11	<2.11	<2.11	9.00	<2.11	3.19	<2.11	<2.11	<2.11	<2.11	<2.11	<2.11	<2.11	<2.11	<4.23	<2.11	<2.11	29.69	69.88		
B-919M	11/7/2017	N	<4.76	6.16	<4.76	<4.76	<4.76	<4.76					<4.76		<4.76		<4.76											ND	6.16	
B-919M	4/23/2018	N	<4.2	4.5	4.75	<4.2	<4.2	<4.2					<4.2		<4.2		<4.2											ND	9.25	
B-919M	7/10/2018	N	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5					<4.5		<4.5		<4.5											ND	ND	
B-919M	7/9/2019	N	<4.4																											

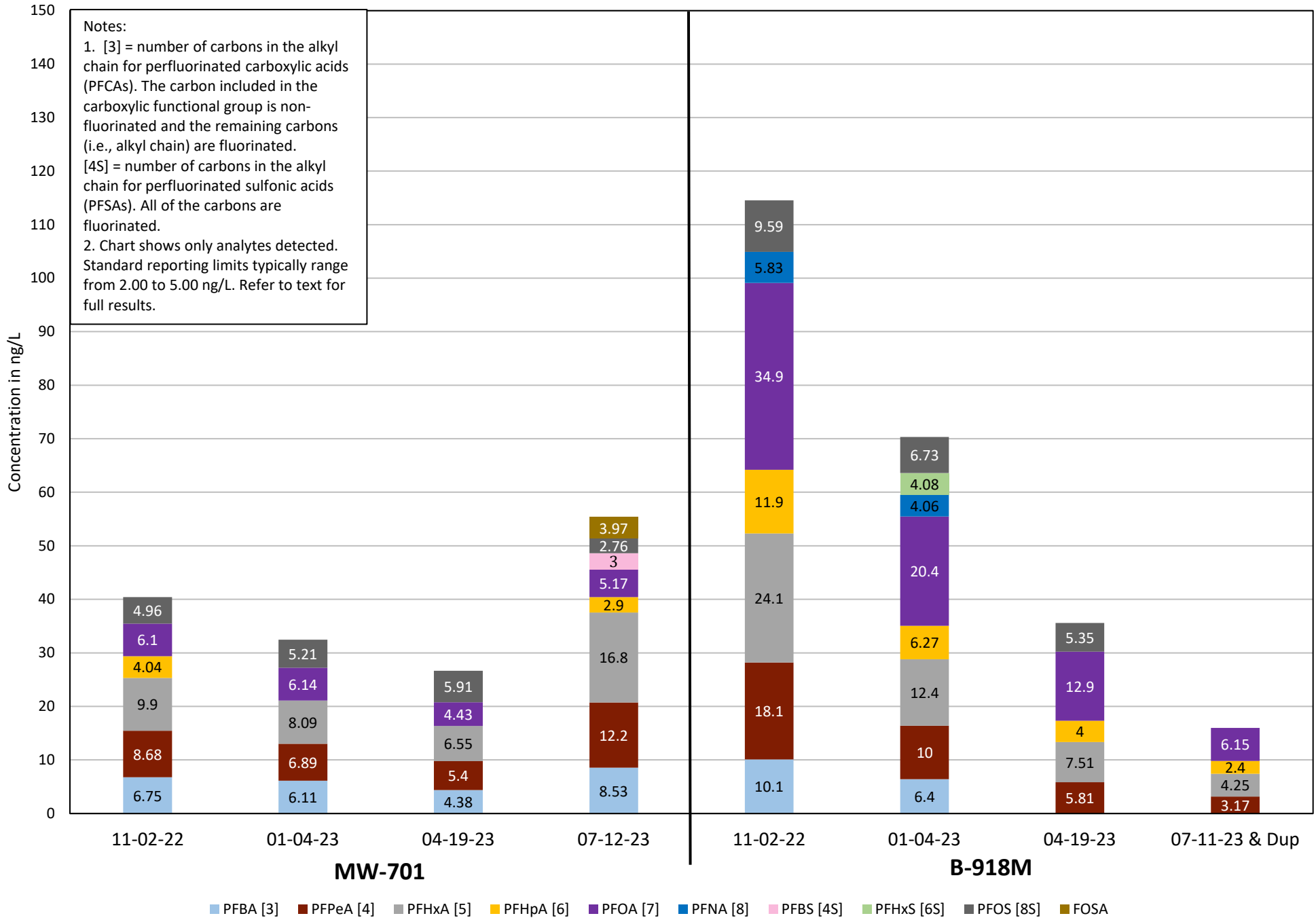
TABLE D.1
 Summary of PFAS Groundwater Analytical Results
 North Country Environmental Services, Inc.
 Bethlehem, New Hampshire
 Permit No. GWP-198704033-B-007

Sample Location	Sample Date	Sample Type	Concentrations in ng/L																				Total of Regulated PFAS	Total PFAS								
			Perfluoroalkyl Carboxylic Acids										Perfluoroalkyl Sulfonic Acids						Fluorotelomers			Perfluoroalkane Sulfonamides			Perfluoroalkane Sulfonyl Substances							
			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_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

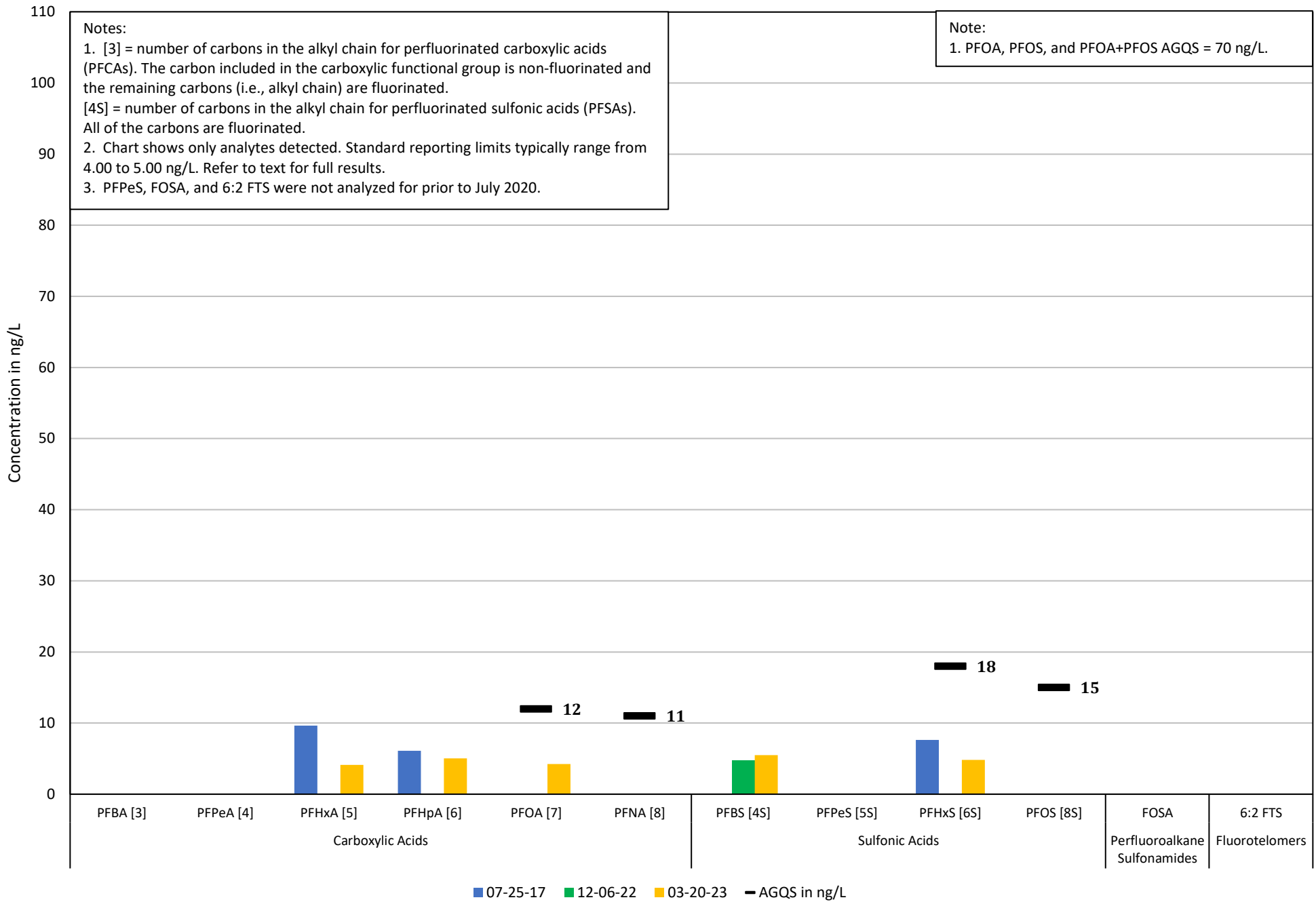
Appendix D.2

PFAS Plots

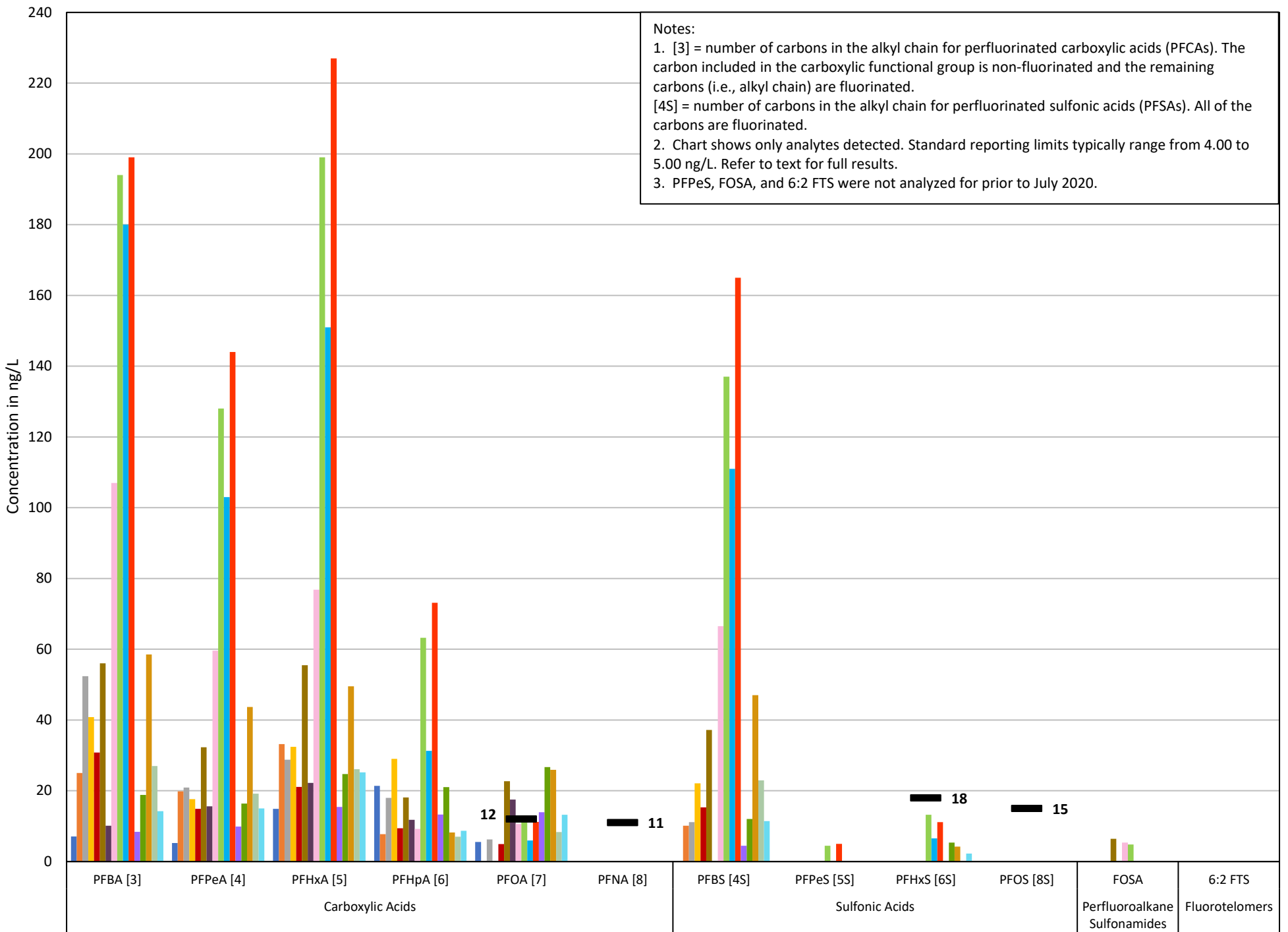
PFAS by Location - November 2022 & January, April & July 2023



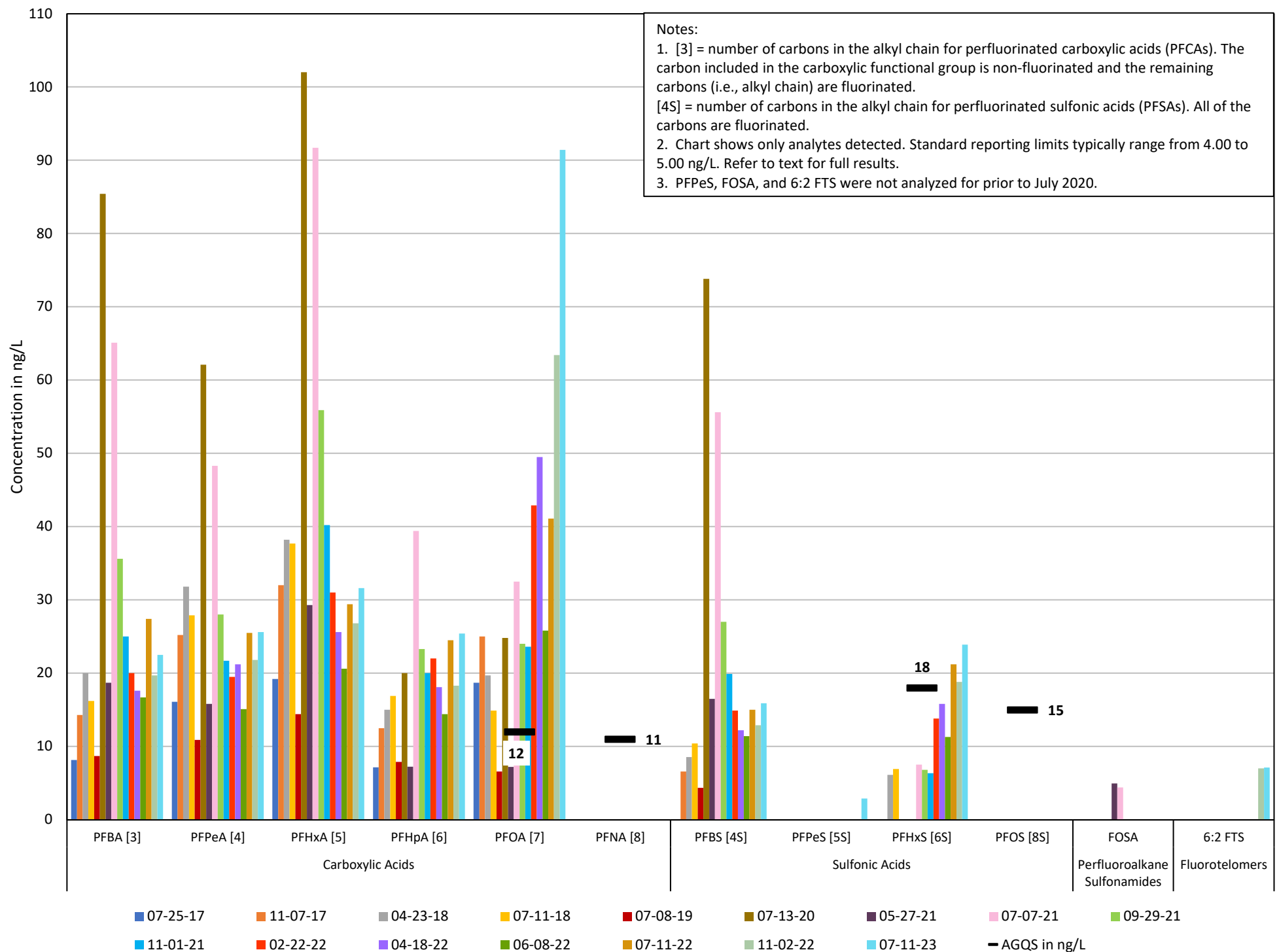
PFAS in B-102S



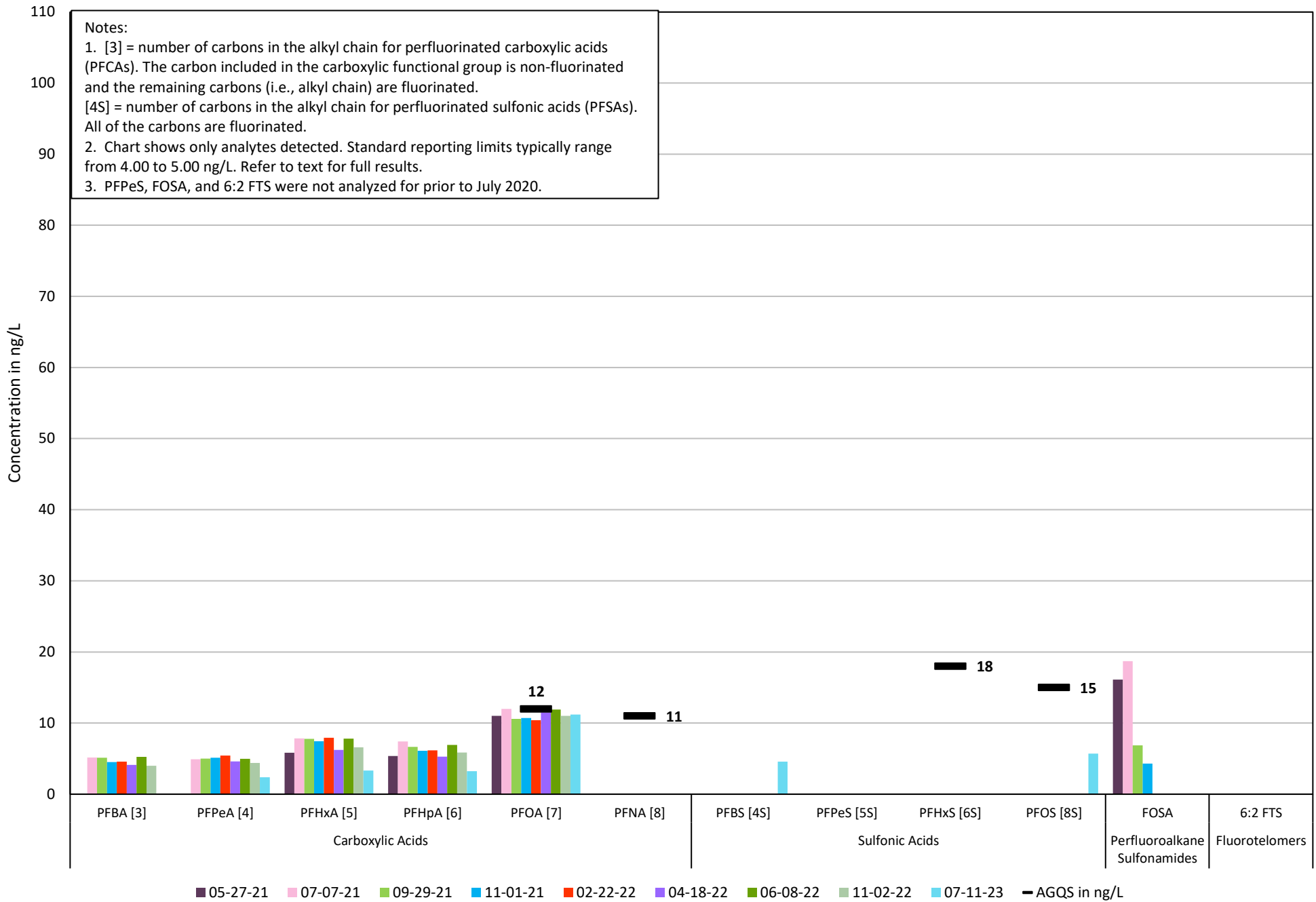
PFAS in B-304UR



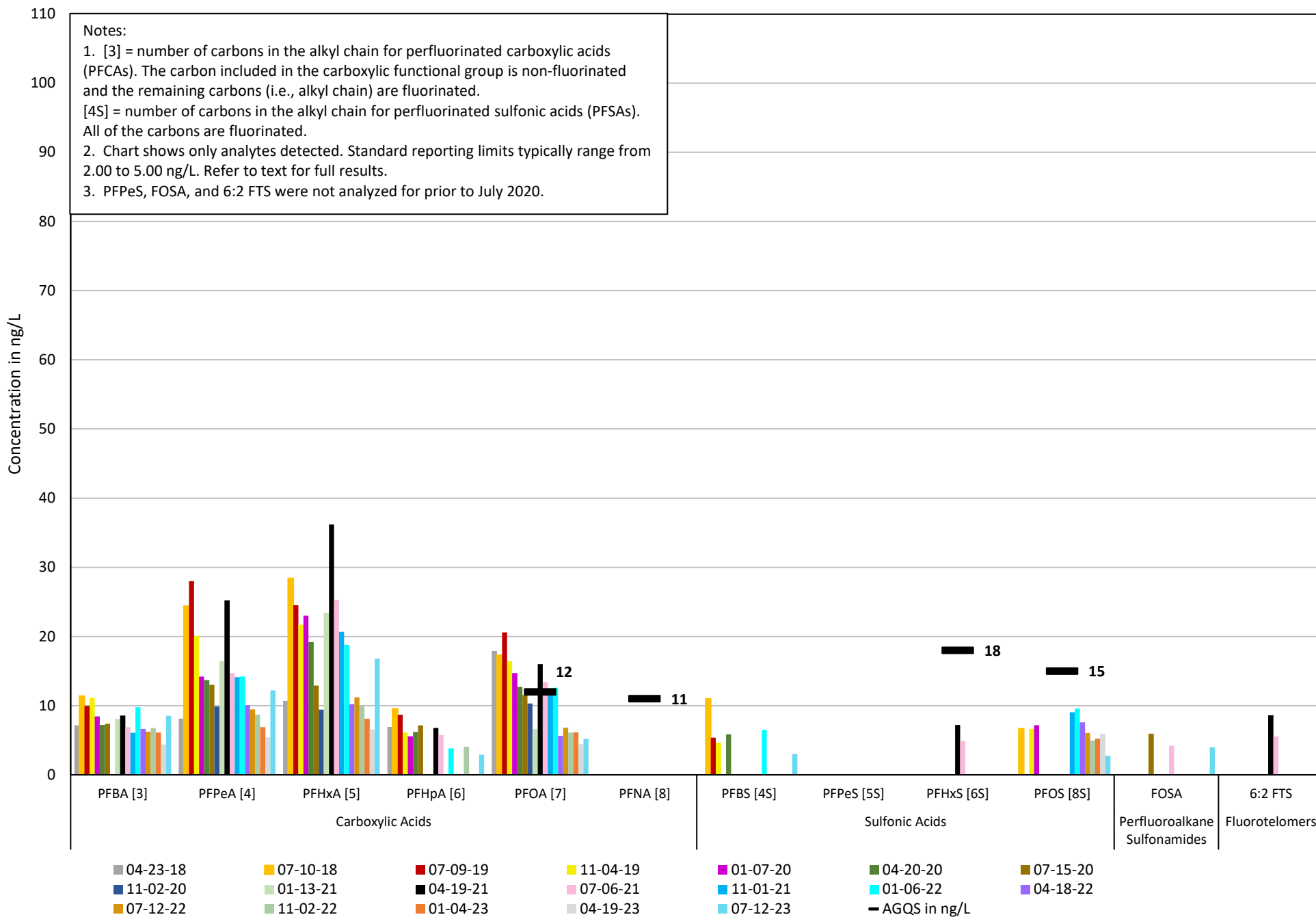
PFAS in B-304DR



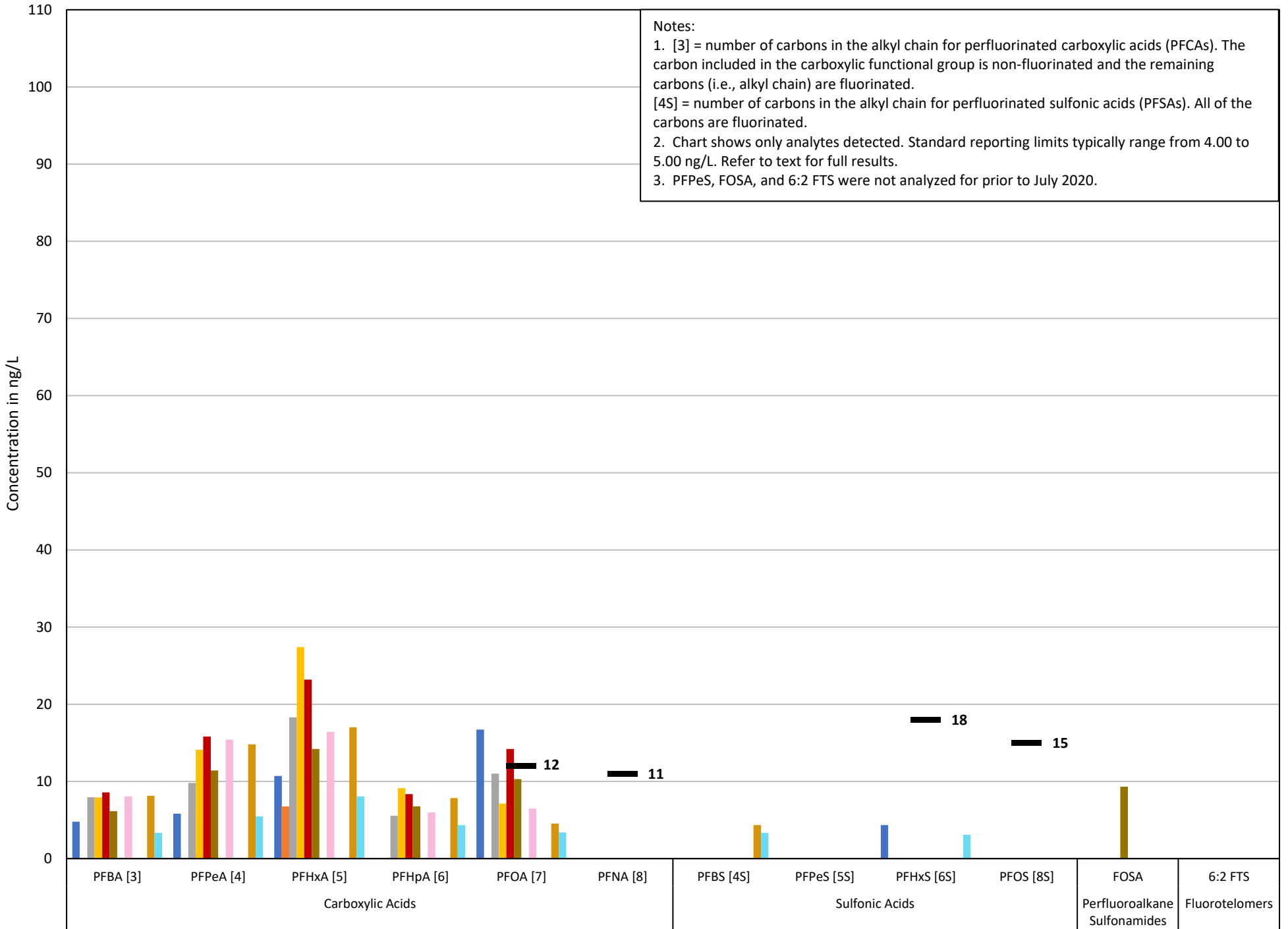
PFAS in MW-604



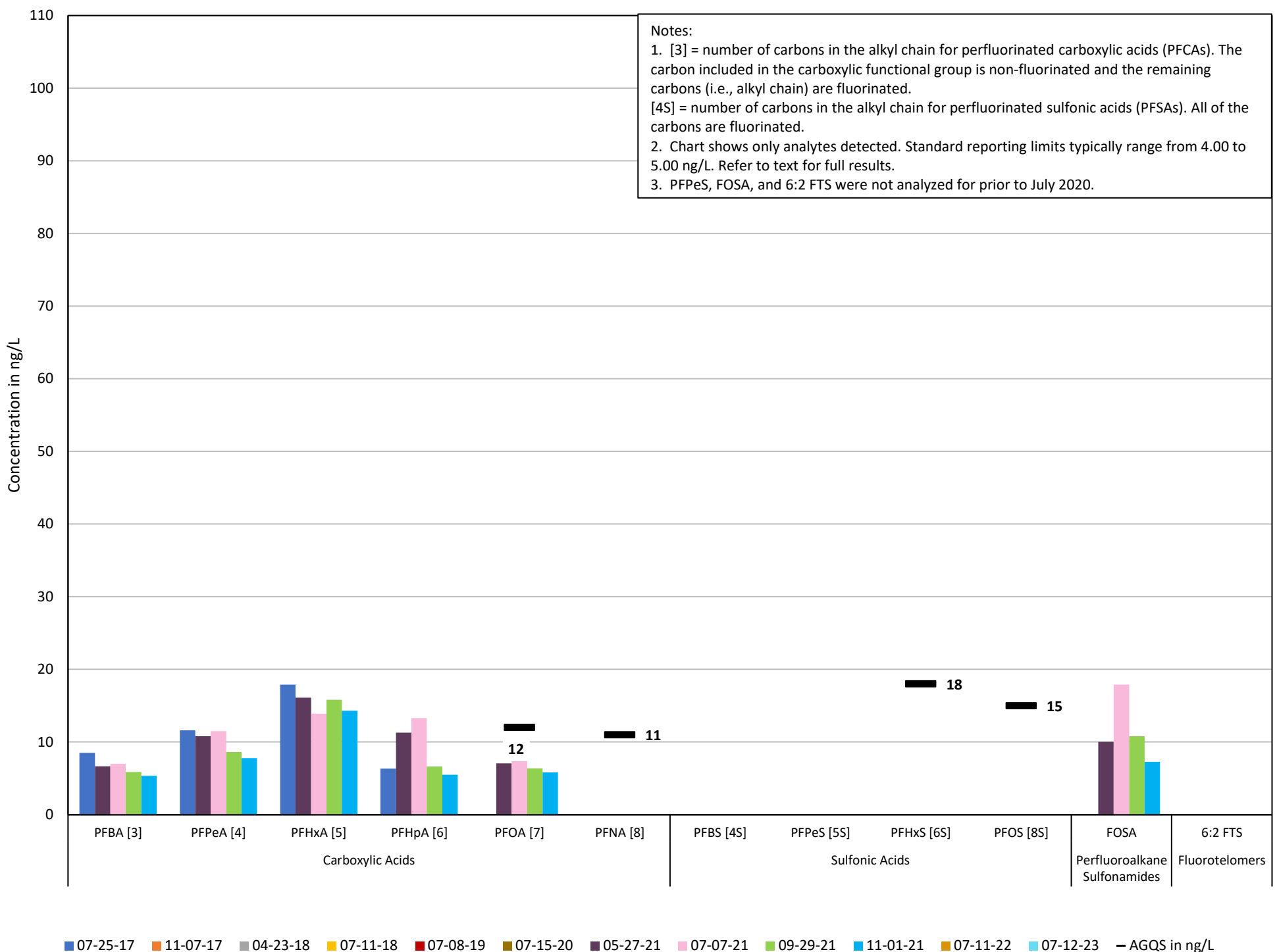
PFAS in MW-701



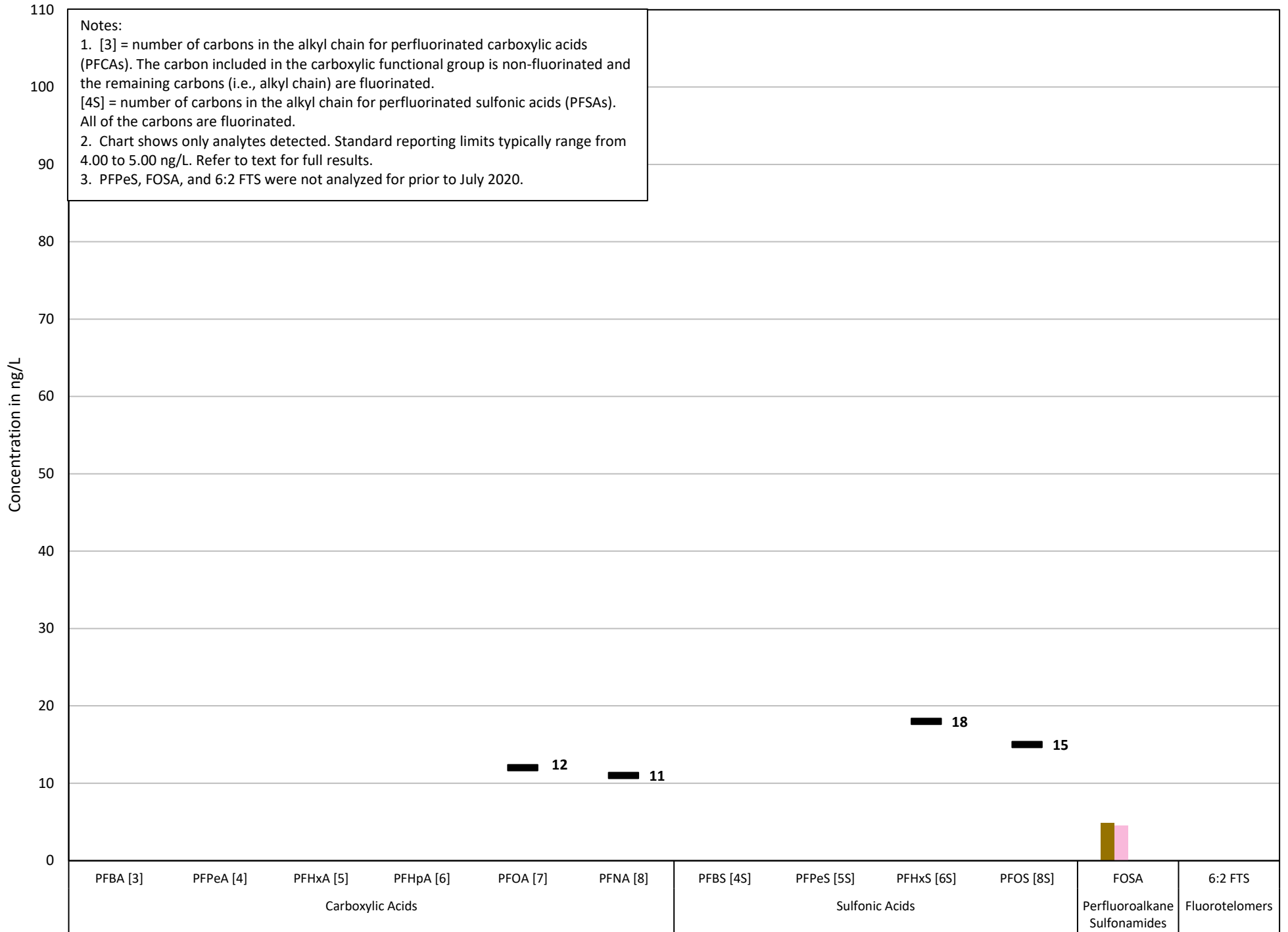
PFAS in MW-802



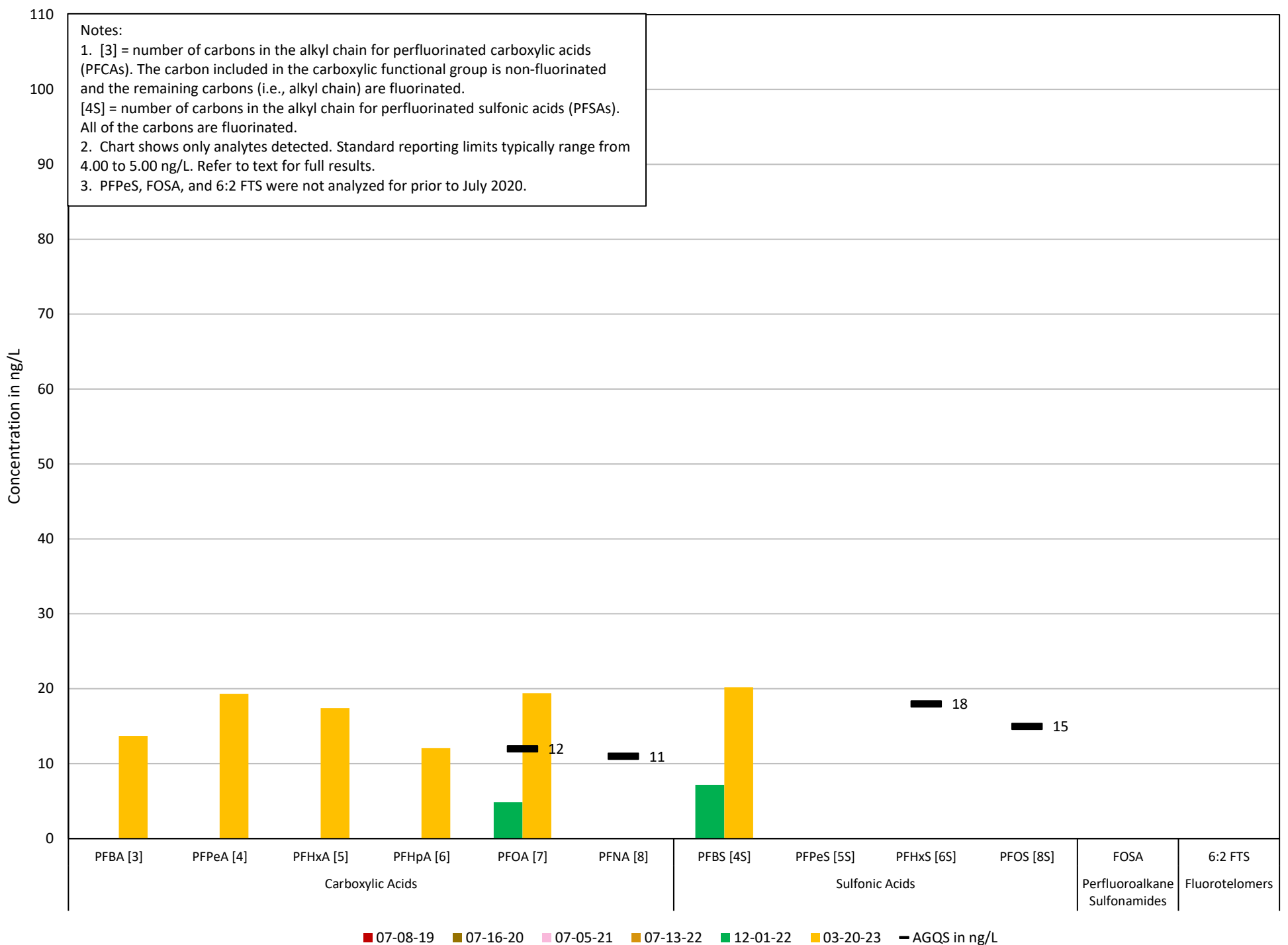
PFAS in MW-803



PFAS in B-914U



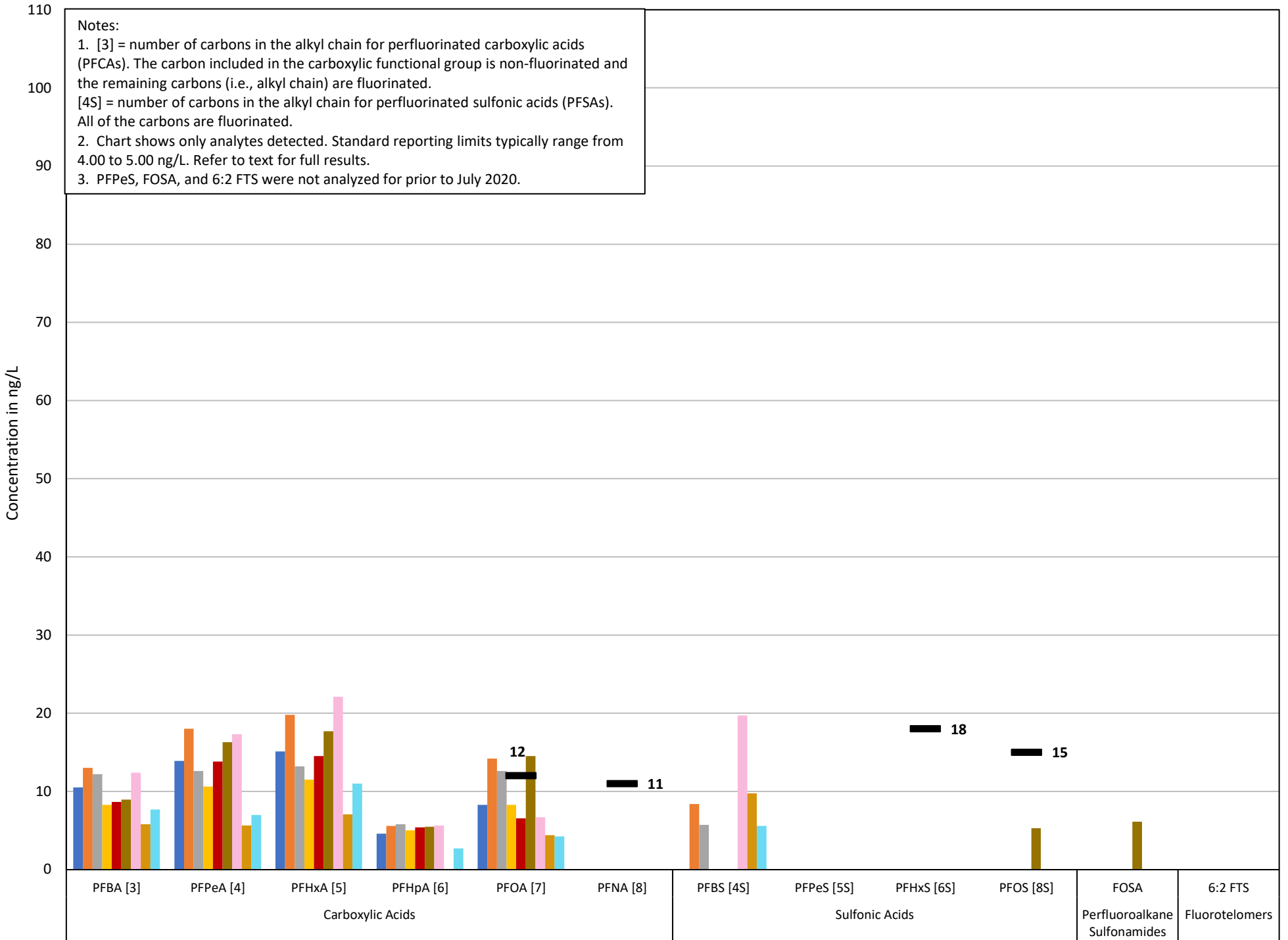
PFAS in B-914L



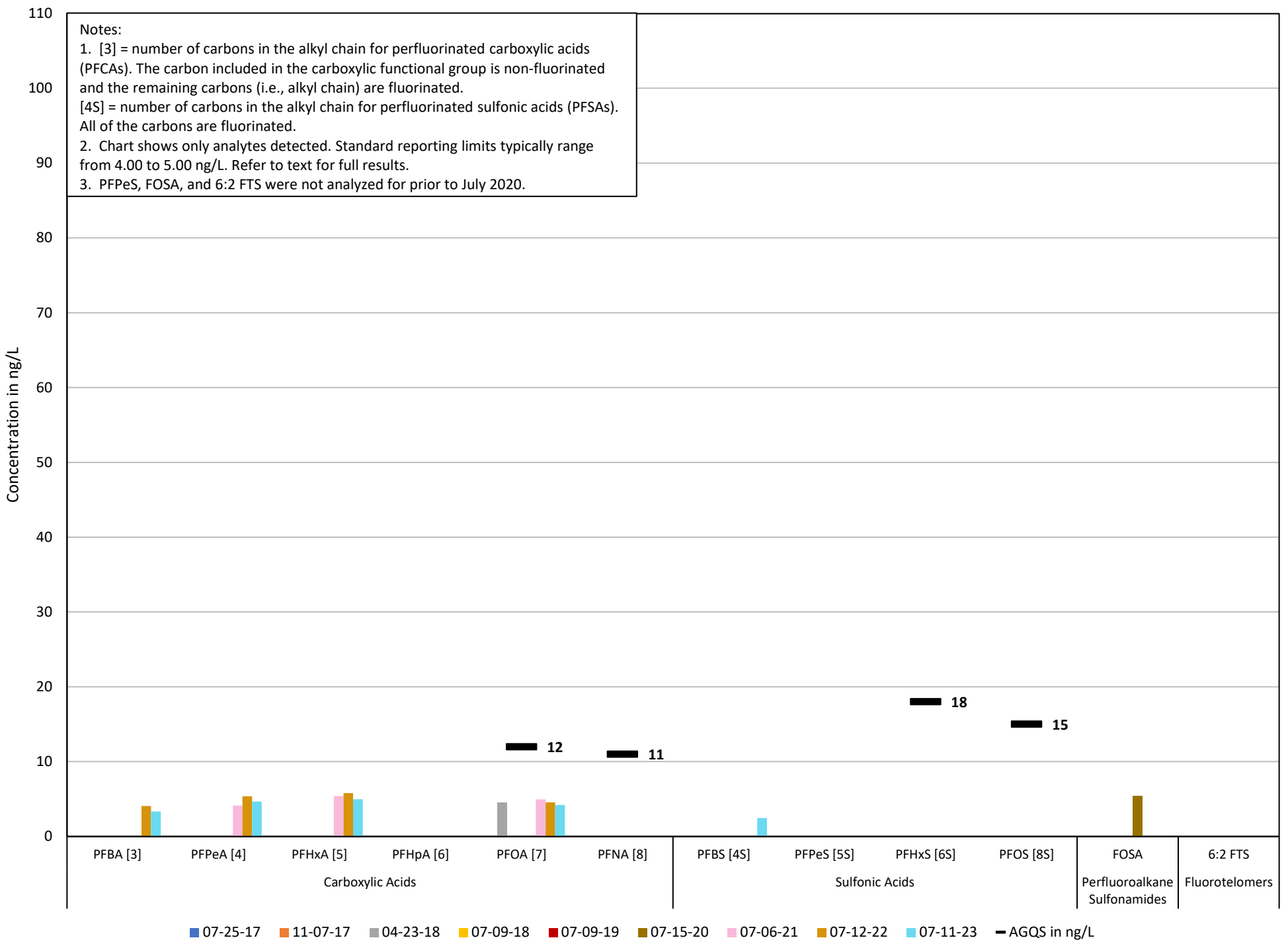
Legend: 07-08-19 (red), 07-16-20 (brown), 07-05-21 (pink), 07-13-22 (orange), 12-01-22 (green), 03-20-23 (yellow), AGQS in ng/L (black line)

PFAS not detected in B-915D (11/17 and 4/18).

PFAS in B-915U

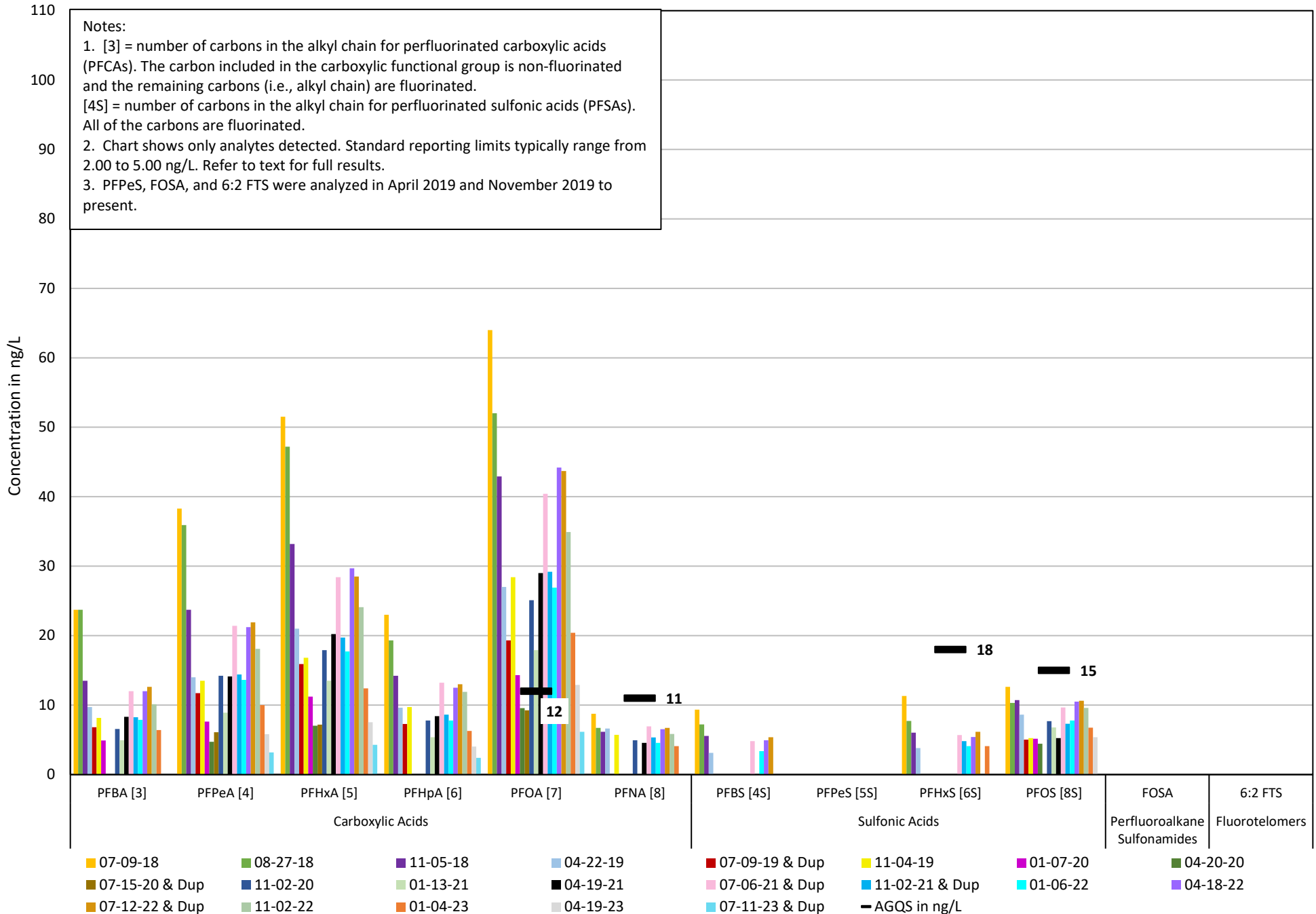


PFAS in B-915M



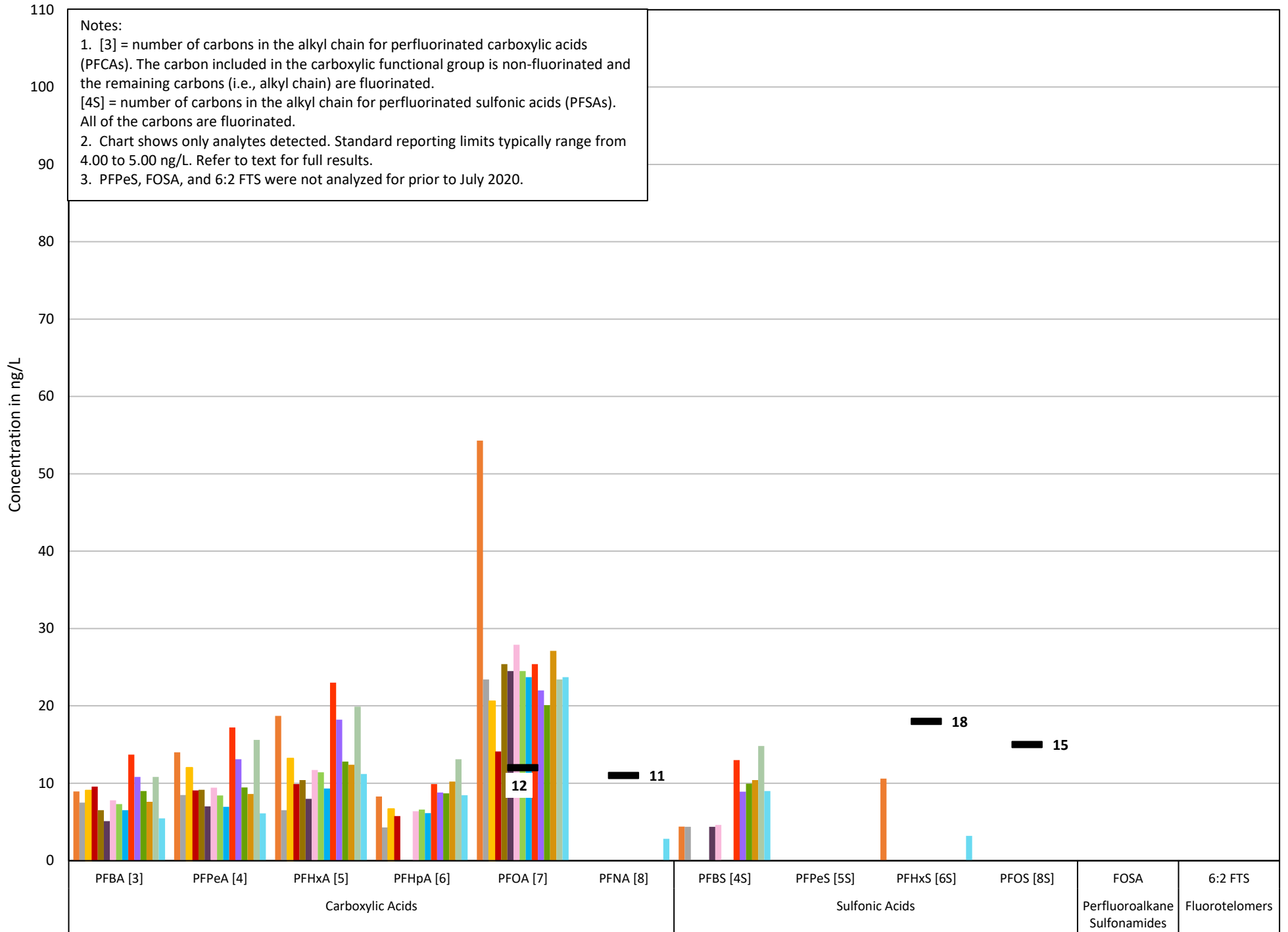
PFAS not detected in B-918U (7/18, 8/18, 7/19, 7/20, 7/21, 7/22, & 7/23) and B-918D (8/18, 7/19, 7/21, & 7/23).

PFAS in B-918M

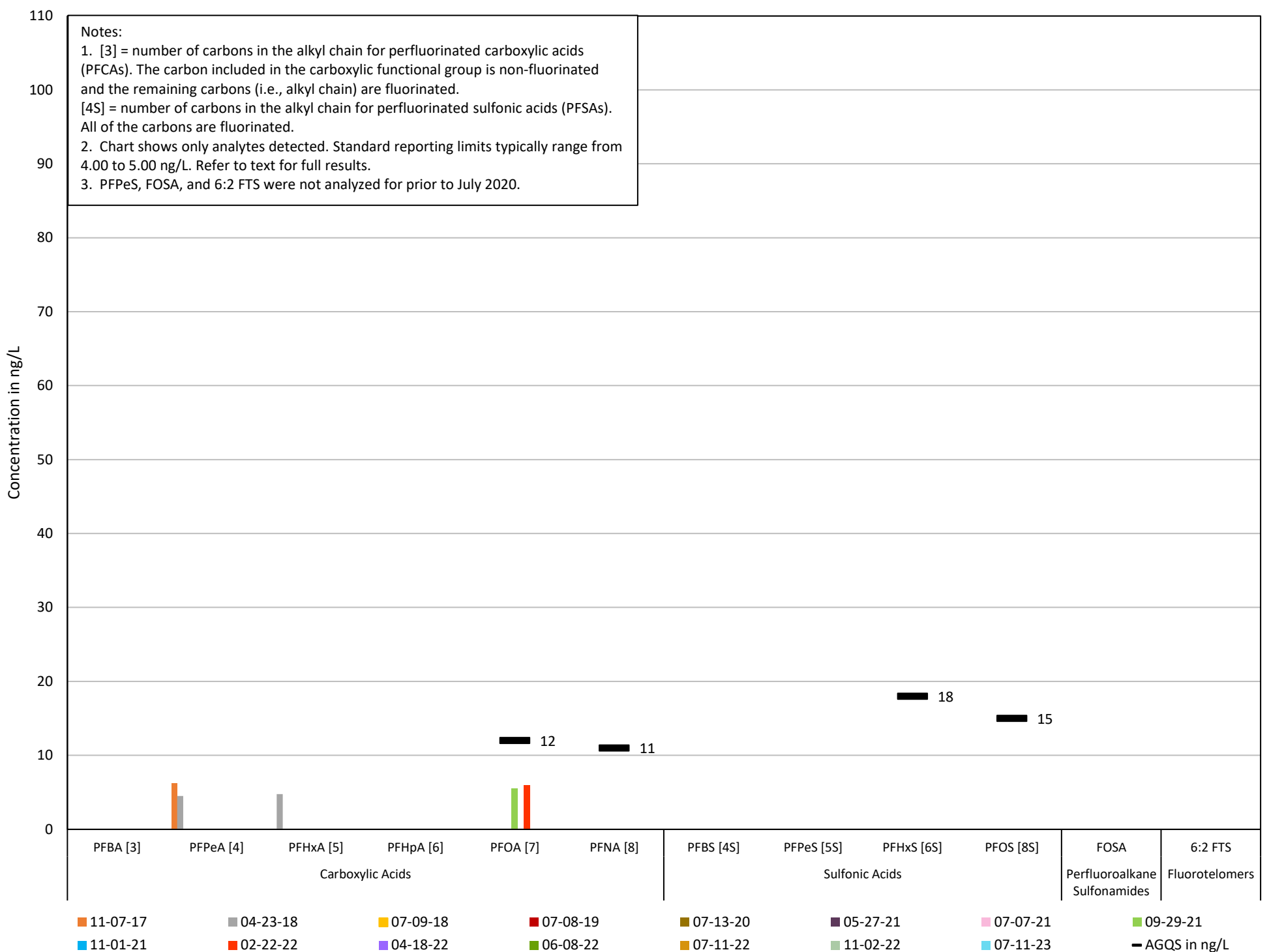


PFAS not detected in B-919D (11/17, 4/18, 7/19, 5/21, 7/21, 9/21, 11/21, 2/22, 4/22, 6/22, 11/22, & 7/23).

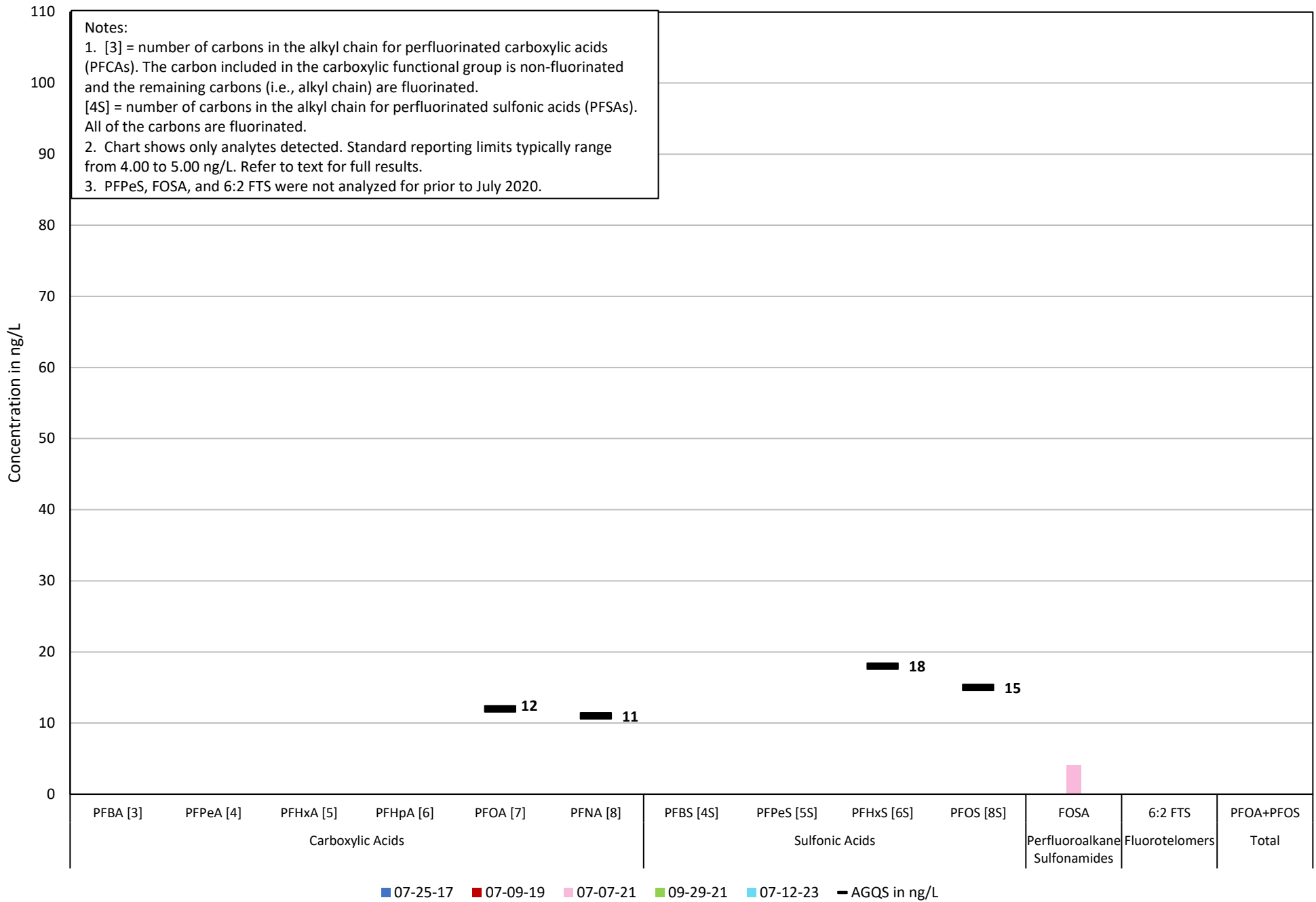
PFAS in B-919U



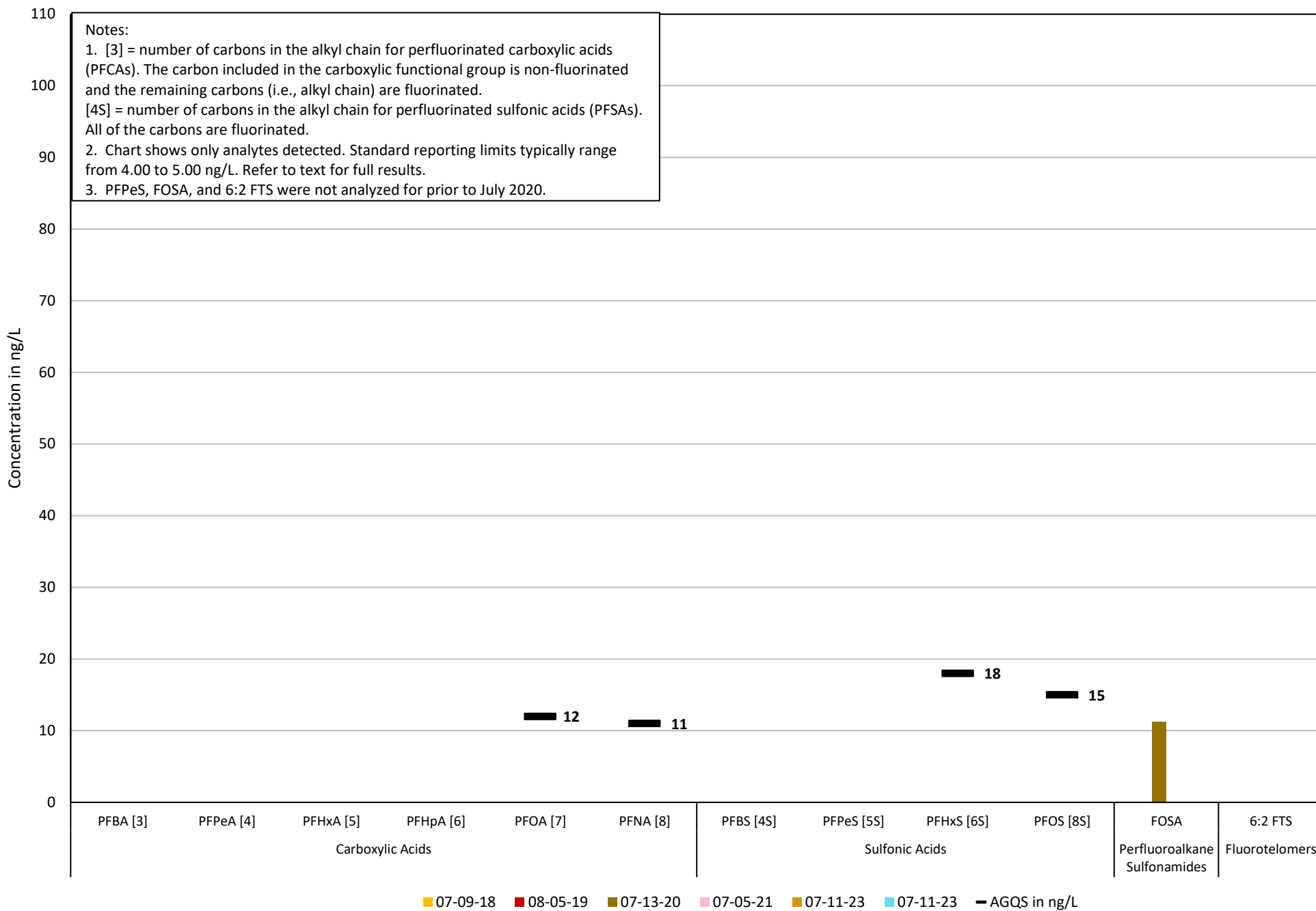
PFAS in B-919M



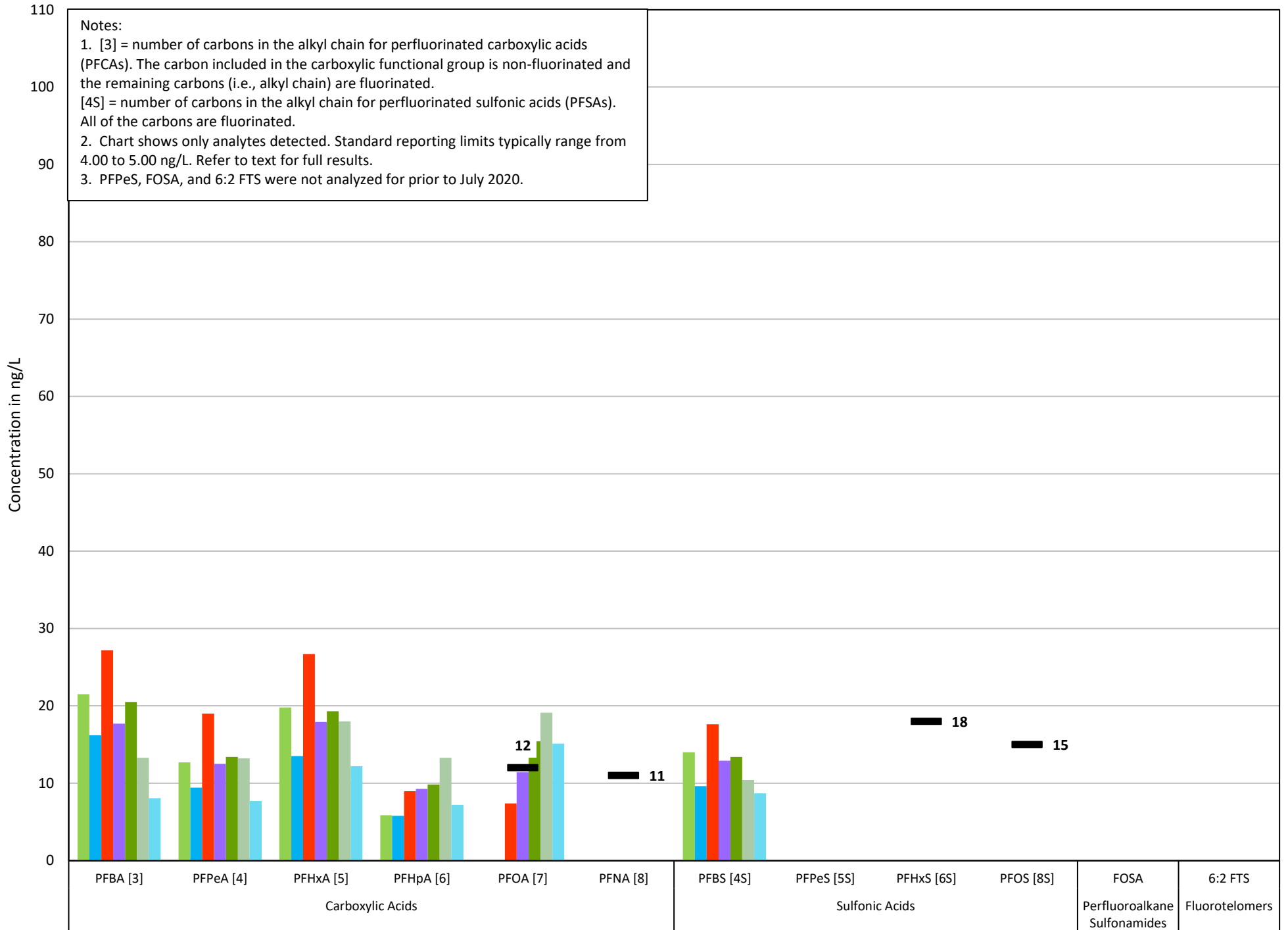
PFAS in B-924U



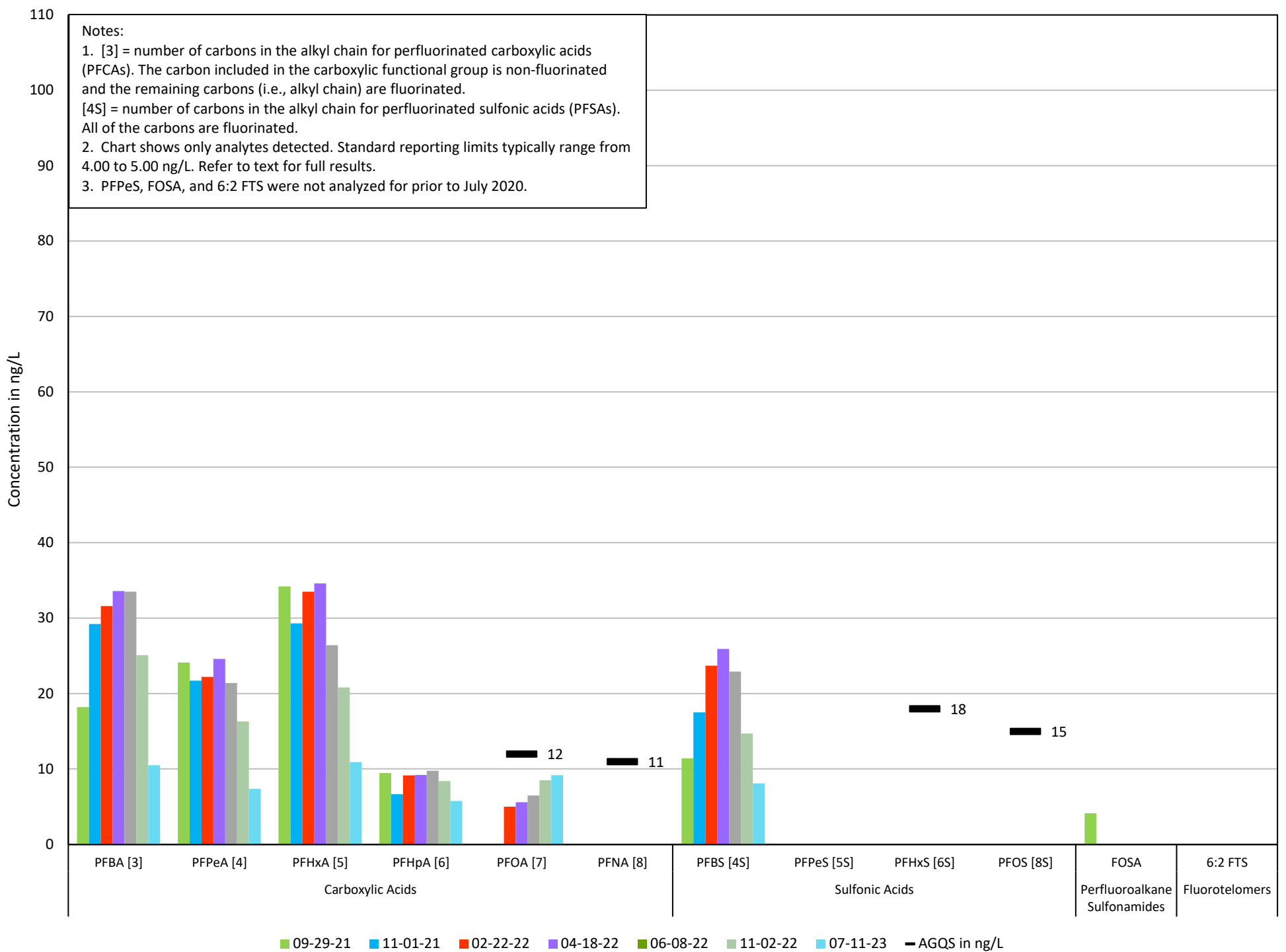
PFAS in B-927M



PFAS in B-928U



PFAS in B-928D



Appendix E

Sanborn Head Field Sampling Summary Forms

Groundwater Quality Field Sampling Summary

	Project Number:	2637.10	Date(s):	July 10-12, 2023
	Project Name:	North Country Environmental Services, Inc.	Project Manager:	T. White, M. Estabrooks
	Project Location:	Bethlehem, New Hampshire	Collector(s):	P. Pryor, G. Bush, E. Finger
pH, Conductivity, Temperature Meter(s): Oakton PC450			Weather: 7/10: Overcast to rain, 70s° F, 7/11: Cloudy to clearing, 70s° F, 7/12: Sunny, 70-80s° F	
Water Level Meter(s): Heron Dipper T			Turbidity: Hack 2100Q	


Field Measurements

Sampling Location	Sample Date	Sample Time	Ref. Point	Well Dia.	Ref. Point Elev. (ft)	Depth to Water (ft)	Water Table Elev. (ft)	Depth to Bottom Installed (ft bgs)	Depth to Bottom Plunked July 2023 (ft Ref Pt)	Surface Completion Type: Standpipe (SP) Vault (V)	Approx. PVC Height (ft)		pH (S.U.)	Specific Conductance (µS/cm)	Temp. (°C)	Turbidity (NTU)	Well Secured?		Approx. Gallons Purged	Target 3x Well Volume?	Purge/Sample Device	Comment No.
											July 2017 Height	AG or BG?					On Arrival	After Sampling				
B-103S	07/10/23	9:27	TPVC	1.5"	1357.64	53.98	1303.66	61	61.28	SP	1.99	AG	7.07	161	14.5	-	Y	Y	2.5	Y	Ded. Waterra	2,5,12
B-103D	07/10/23	8:58	TPVC	1.5"	1358.61	55.27	1303.34	66.5	68.36	SP	1.88	AG	7.13	139	15.5	-	Y	Y	3.75	Y	Ded. Waterra	2
B-304UR	07/11/23	12:55	TPVC	2"	1338.44	47.69	1290.75	50	52.91	SP	2.15	AG	6.66	232	15.3	43.6	Y	Y	2.75	Y	Ded. Bailer	1,9
B-304DR	07/11/23	13:08	TPVC	2"	1338.24	47.61	1290.63	75	75.50	SP	2.20	AG	6.36	331	17.2	>1,000	Y	Y	14.25	Y	Mega-Monsoon XL Pump	3,9,12
MW-604	07/11/23	14:22	TPVC	2"	1319.83	40.24	1279.59	75	75.20	SP	2.65	AG	7.02	256	15.3	>1,000	Y	Y	5	N	Ded. Waterra	2,7,9
MW-701	07/12/23	8:06	TPVC	2"	1331.63	13.86	1317.77	23	25.09	SP	2.05	AG	6.51	222	13.8	14.9	Y	Y	5.5	Y	Ded. Bailer	1,9
MW-802	07/12/23	9:33	TPVC	2"	1350.55	47.40	1303.15	52	51.99	SP	3.05	AG	6.15	332	17.9	12.5	Y	Y	3.75	Y	Ded. Bailer	1,9
MW-803	07/12/23	9:23	TPVC	2"	1346.38	43.02	1303.36	53	55.45	SP	0.75	AG	6.30	416	20.8	-	Y	Y	6	Y	Ded. Bailer	1,6
B-915U	07/11/23	15:27	TPVC	2"	1338.20	22.33	1315.87	35.75	35.86	SP	1.95	AG	6.47	143	12.8	58.9	Y	Y	4	N	Ded. Bailer	1,7,9
B-915M	07/11/23	15:30	TPVC	2"	1338.09	31.98	1306.11	78.72	78.88	SP	3.25	AG	6.52	352	11.4	5.61	Y	Y	24	Y	Ded. Waterra	2,9
B-915D	07/11/23	15:07	TPVC	2"	1338.16	31.62	1306.54	108.18	108.38	SP	1.55	AG	-	-	-	-	Y	Y	-	-	-	4
B-916U	07/10/23	10:31	TPVC	2"	1323.76	10.43	1313.33	26.14	26.22	SP	2.42	AG	5.76	74	13.2	-	Y	Y	9	Y	Ded. Bailer	1
B-916M	07/10/23	10:25	TPVC	2"	1323.91	42.38	1281.53	89.5	92.40	SP	2.68	AG	6.61	328	10.9	-	Y	Y	24.25	Y	Ded. Waterra	2
B-916D	07/10/23	9:58	TPVC	2"	1323.99	52.57	1271.42	126.6	125.65	SP	2.61	AG	-	-	-	-	Y	Y	-	-	-	4
B-917U	07/10/23	11:37	TPVC	2"	1325.14	30.01	1295.13	38.64	37.56	SP	2.55	AG	6.65	43	11.5	-	Y	Y	4	N	Ded. Bailer	1,7,12
B-909	07/10/23	11:44	TPVC	2"	1325.50	32.24	1293.26	57.55	58.10	SP	2.57	AG	6.76	92	12.2	-	Y	Y	13.5	Y	Ded. Waterra	2
B-917D	07/10/23	10:21	TPVC	2"	1325.36	30.93	1294.43	102.86	102.13	SP	2.31	AG	-	-	-	-	Y	Y	-	-	-	4
B-918U	07/11/23	11:14	TPVC	2"	1330.59	26.94	1303.65	30.55	31.50	SP	3.00	AG	6.18	276	14.4	178	Y	Y	3.25	Y	Ded. Bailer	1,9
B-918M	07/11/23	11:35	TPVC	2"	1330.23	26.73	1303.50	47.8	47.89	SP	1.78	AG	6.50	177	13.3	17.3	Y	Y	11	Y	Ded. Waterra	2,9,10
B-918D	07/11/23	11:49	TPVC	2"	1330.57	35.39	1295.18	126.51	127.30	SP	2.60	AG	6.83	135	12.4	14.6	Y	Y	45	Y	Ded. Waterra	2,9
B-919U	07/11/23	8:07	TPVC	2"	1344.27	39.91	1304.36	50	43.42	SP	2.15	AG	7.03	136	13.9	261	Y	Y	0.75	N	Ded. Bailer	1,7,9
B-919M	07/11/23	14:38	TPVC	2"	1344.06	51.31	1292.75	100	101.29	SP	2.25	AG	6.77	147	19.2	6.62	Y	Y	11.5	N	Ded. Bailer	1,7,9
B-919D	07/11/23	9:15	TPVC	2"	1344.13	51.40	1292.73	150	151.27	SP	1.2	AG	7.47	102	14.7	13.0	Y	Y	48	Y	Ded. Waterra	2,9
B-923U	07/12/23	10:02	TPVC	2"	1357.38	38.56	1318.82	43.3	46.15	SP	2.7	AG	-	-	-	-	Y	Y	-	-	-	4
B-924U	07/12/23	12:30	TPVC	2"	1362.00	31.66	1330.34	34.3	37.24	SP	3.0	AG	6.87	92	10.3	135	Y	Y	2	N	Ded. Bailer	1,7,9
B-924L	07/12/23	10:10	TPVC	2"	1361.25	43.85	1317.40	90.8	93.74	SP	2.6	AG	-	-	-	-	Y	Y	-	-	-	4
B-925U	07/12/23	10:22	TPVC	2"	1365.00	28.92	1336.08	32	37.16	SP	3 [†]	AG	-	-	-	-	Y	Y	-	-	-	4
B-925L	07/12/23	10:23	TPVC	2"	1365.05	46.70	1318.35	81.3	86.88	SP	3 [†]	AG	-	-	-	-	Y	Y	-	-	-	4
B-926U	07/12/23	8:41	TPVC	2"	1332.47	25.02	1307.45	29	31.54	SP	2.4	AG	5.94	250	11.5	-	Y	Y	1.75	N	Ded. Bailer	1,7
B-926L	07/12/23	8:44	TPVC	2"	1332.68	30.95	1301.73	64	66.07	SP	2.5	AG	6.38	257	11.0	-	Y	Y	17.25	Y	Ded. Waterra	2
B-927U	07/11/23	9:45	TPVC	2"	1345.58	45.37	1300.21	49.2	52.35	SP	2.7	AG	6.29	387	16.5	-	Y	Y	3.25	N	Ded. Bailer	1,7
B-927M	07/11/23	10:29	TPVC	2"	1345.59	47.83	1297.76	86.3	85.50	SP	2.6	AG	7.06	153	20.2	>1,000	Y	Y	19.75	Y	Mega-Monsoon XL Pump	3,9
B-927L	07/11/23	8:31	TPVC	2"	1345.61	54.32	1291.29	133.1	134.97	SP	2.6	AG	-	-	-	-	Y	Y	-	-	-	4
B-928U	07/11/23	13:55	TPVC	2"	1333.75	45.02	1288.73	51.3	53.99	SP	-	AG	6.24	158	12.5	37.0	Y	Y	4.5	Y	Ded. Bailer	1,9
B-928D	07/11/23	13:57	TPVC	2"	1334.12	49.66	1284.46	71.1	73.19	SP	-	AG	6.76	220	13.3	>1,000	Y	Y	11.75	Y	Ded. Waterra	2,9,12
B-929U	07/12/23	10:55	TPVC	2"	1376.06	41.91	1334.15	55.2	57.65	SP	2.7 [†]	AG	6.76	88	11.9	-	Y	Y	7.75	Y	Ded. Bailer	1,12
B-929L	07/12/23	10:31	TPVC	2"	1375.99	48.18	1327.81	95.1	97.77	SP	2.7 [†]	AG	-	-	-	-	Y	Y	-	-	-	4,12
B-930U	07/12/23	11:27	TPVC	2"	1376.69	41.49	1335.20	50.1	52.34	SP	2.7 [†]	AG	6.76	99	12.9	>1,000	Y	Y	5.5	Y	Ded. Bailer	1,9,12
B-930L	07/12/23	11:11	TPVC	2"	1376.93	68.29	1308.64	114	116.39	SP	2.7 [†]	AG	-	-	-	-	Y	Y	-	-	-	4,12
B-931U	07/12/23	12:02	TPVC	2"	1331.86	26.38	1305.48	34.2	36.78	SP	2.7 [†]	AG	7.29	87	14.1	696	Y	Y	5.25	Y	Ded. Bailer	1,9
B-931L	07/12/23	12:04	TPVC	2"	1332.07	26.49	1305.58	65.9	66.07	SP	2.7 [†]	AG	7.38	92	11.7	-	Y	Y	20.25	Y	Ded. Waterra	2,12
QC_FB	07/12/23	13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,9

Comments

- AG = Above ground
 BG = Below ground
- The monitoring well was purged using a dedicated polyethylene bailer prior to collecting the groundwater sample (using the bailer).
 - 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).
 - The monitoring well was purged using a ProActive Mega-Monsoon XL pump with new HDPE tubing.
 - Water level measurement only. The well was not scheduled to be sampled during this monitoring round.
 - Field duplicate (labeled "Dup-1") obtained from well B-103S.
 - Field duplicate (labeled "Dup-2") obtained from well MW-803.
 - Monitoring well purged near dry. Sample collected upon sufficient recharge.
 - 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-924U.
 - Sampled for PFAS. Only PFAS samples were screened for turbidity to support laboratory analysis.
 - Field duplicate (labeled "DUP-PFAS") obtained from well B-918M for PFAS analysis only.
 - "+" indicates PVC riser was extended July 2021.
 - "x" indicates height measured March 2023.
 - Silt at bottom of well.

Surface Water Quality Field Sampling Summary

	Project Number: 2637.10		Date(s): July 12, 2023					
	Project Name: North Country Environmental Services, Inc.							
	Project Location: Bethlehem, New Hampshire							
pH, Conductivity, Temperature Meter(s): Oakton PC450			Project Manager: T. White					
Turbidity Meter: Hach 2100Q			Collector(s): P. Pryor, G. Bush, E. Finger					
Weather: Sunny, Heavy Rain on 7/10, 70-80s° 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	07/12/23	13:10	7.4	127	13.0	25.2	Laboratory Container	1
Seep S-1	07/12/23	14:46	7.1	100	11.0	1.05	Laboratory Container	1
S-101	07/12/23	14:53	6.9	81	9.9	3.69	Laboratory Container	1
S-108	07/12/23	14:26	7.2	143	16.7	91.9	Laboratory Container	1
S-109	07/12/23	14:10	7.0	133	16.3	5.68	Laboratory Container	1
AR-1	07/12/23	13:23	7.9	28	18.0	1.72	Laboratory Container	1
AR-2	07/12/23	13:33	7.3	28	17.9	1.25	Laboratory Container	1
AR-3	07/12/23	13:56	7.1	27	18.4	1.29	Laboratory Container	1
Comments								
1. Surface water samples were collected as grab samples from the above sampling locations.								

Appendix F
Analytical Laboratory Reports

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford, NH 03110



Laboratory Report for:

Eastern Analytical, Inc. ID: 263075
Client Identification: NCES | Groundwater / 2637.10
Date Received: 7/10/2023

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

7.20.23
Date



SAMPLE CONDITIONS PAGE

EAI ID#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Temperature upon receipt (°C): 1.0

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
263075.01	B-103S_20230710	7/10/23	7/10/23 09:27	aqueous		Adheres to Sample Acceptance Policy
263075.02	DUP-1_20230710	7/10/23	7/10/23 09:27	aqueous		Adheres to Sample Acceptance Policy
263075.03	B-103D_20230710	7/10/23	7/10/23 08:58	aqueous		Adheres to Sample Acceptance Policy
263075.04	B-916U_20230710	7/10/23	7/10/23 10:31	aqueous		Adheres to Sample Acceptance Policy
263075.05	B-916M_20230710	7/10/23	7/10/23 10:25	aqueous		Adheres to Sample Acceptance Policy
263075.06	B-917U_20230710	7/10/23	7/10/23 11:37	aqueous		Adheres to Sample Acceptance Policy
263075.07	B-909_20230710	7/10/23	7/10/23 11:44	aqueous		Adheres to Sample Acceptance Policy
263075.08	TB-GW-01_20230710	7/10/23	7/10/23 13:45	aqueous		Adheres to Sample Acceptance Policy
263075.09	TB-LL-GW-01_20230710	7/10/23	7/10/23 13:45	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#: **263075**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-103S_20230710	DUP-1_20230710	B-103D_20230710	TB-GW-01_20230710
Lab Sample ID:	263075.01	263075.02	263075.03	263075.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/10/23	7/10/23	7/10/23	7/10/23
Date Received:	7/10/23	7/10/23	7/10/23	7/10/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23	7/12/23
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#: **263075**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-103S_20230710	DUP-1_20230710	B-103D_20230710	TB-GW-01_20230710
Lab Sample ID:	263075.01	263075.02	263075.03	263075.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/10/23	7/10/23	7/10/23	7/10/23
Date Received:	7/10/23	7/10/23	7/10/23	7/10/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23	7/12/23
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)	88 %R	87 %R	87 %R	88 %R
1,2-Dichlorobenzene-d4 (surr)	101 %R	102 %R	101 %R	103 %R
Toluene-d8 (surr)	99 %R	100 %R	100 %R	100 %R
1,2-Dichloroethane-d4 (surr)	106 %R	106 %R	106 %R	104 %R

Bromoform, 1,2-Dibromo-3-chloropropane, Carbon disulfide, exhibited recovery below acceptance limits in the Quality Control sample (s). The analyte(s) were not detected in the sample(s).



QC REPORT

EAI ID#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63824843999

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	19 (93 %R)	20 (99 %R) (6 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	19 (95 %R)	20 (100 %R) (5 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	19 (93 %R)	20 (98 %R) (5 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	21 (107 %R)	22 (110 %R) (2 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	18 (90 %R)	19 (94 %R) (5 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	18 (90 %R)	19 (95 %R) (5 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	19 (95 %R)	19 (97 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (87 %R)	17 (87 %R) (1 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (105 %R)	22 (108 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	79 (79 %R)	77 (77 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	21 (104 %R)	21 (106 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	15 (76 %R)	16 (80 %R) (5 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	20 (99 %R)	20 (99 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	19 (94 %R)	19 (95 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	19 (97 %R)	20 (98 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	18 (91 %R)	18 (91 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (101 %R)	21 (105 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (106 %R)	22 (108 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	15 (77 %R)	15 (77 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (103 %R)	21 (105 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	16 (80 %R)	16 (82 %R) (2 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (97 %R)	20 (98 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	15 (76 %R)	15 (77 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (101 %R)	21 (103 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	19 (93 %R)	19 (96 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	18 (88 %R)	18 (91 %R) (4 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	21 (104 %R)	21 (107 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (102 %R)	21 (104 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	21 (103 %R)	21 (104 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (99 %R)	20 (102 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (100 %R)	20 (102 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (97 %R)	20 (99 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	16 (82 %R)	17 (84 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (86 %R)	< 50 (85 %R) (2 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	17 (85 %R)	17 (87 %R) (2 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	17 (83 %R)	17 (85 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (104 %R)	21 (106 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	17 (86 %R)	17 (86 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	20 (102 %R)	20 (102 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	16 (79 %R)	16 (82 %R) (3 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (103 %R)	21 (105 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	20 (101 %R)	20 (101 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	15 (75 %R)	15 (76 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	19 (94 %R)	19 (95 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (105 %R)	21 (107 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	17 (87 %R)	18 (89 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C



QC REPORT

EAI ID#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 63824843999

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCS D	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	21 (107 %R)	22 (109 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	43 (107 %R)	44 (109 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	21 (104 %R)	21 (106 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	17 (83 %R)	17 (86 %R) (4 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	* 13 (64 %R)	* 13 (65 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	20 (99 %R)	20 (101 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (105 %R)	21 (106 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	19 (94 %R)	19 (94 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	19 (93 %R)	18 (92 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	21 (105 %R)	21 (107 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (108 %R)	22 (108 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (108 %R)	22 (109 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	20 (102 %R)	21 (103 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	21 (104 %R)	21 (105 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	22 (111 %R)	22 (112 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (104 %R)	21 (106 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	21 (104 %R)	21 (105 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (101 %R)	20 (102 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	21 (103 %R)	21 (104 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	20 (102 %R)	21 (104 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	* 13 (63 %R)	* 13 (63 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	21 (103 %R)	21 (104 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	20 (99 %R)	20 (99 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	18 (89 %R)	18 (91 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	18 (92 %R)	18 (92 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	20 (100 %R)	20 (100 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	89 %R	95 %R	96 %R	7/12/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	102 %R	98 %R	98 %R	7/12/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	100 %R	101 %R	101 %R	7/12/2023	% Rec	70 - 130	20	8260C
1,2-Dichloroethane-d4 (surr)	104 %R	101 %R	100 %R	7/12/2023	% 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#: **263075**

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-103S_20230710	DUP-1_20230710	B-103D_20230710	TB-LL-GW -01_20230710
Lab Sample ID:	263075.01	263075.02	263075.03	263075.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/10/23	7/10/23	7/10/23	7/10/23
Date Received:	7/10/23	7/10/23	7/10/23	7/10/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/11/23	7/11/23	7/11/23	7/11/23
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)	97 %R	98 %R	96 %R	97 %R
Toluene-d8 (surr)	99 %R	99 %R	98 %R	99 %R



QC REPORT

EAI ID#: **263075**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638246-90989/A071123DIOX1

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.1 (82 %R)	4.4 (88 %R) (6 RPD)	7/11/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	99 %R	98 %R	98 %R	7/11/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	99 %R	99 %R	99 %R	7/11/2023	% 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#: 263075

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Groundwater / 2637.10

Sample ID:	B-103S_20230710	DUP-1_20230710	B-103D_20230710
Lab Sample ID:	263075.01	263075.02	263075.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	7/10/23	7/10/23	7/10/23
Date Received:	7/10/23	7/10/23	7/10/23
Units:	ug/L	ug/L	ug/L
Date of Extraction/Prep:	7/12/23	7/12/23	7/12/23
Date of Analysis:	7/12/23	7/12/23	7/12/23
Analyst:	WOD	WOD	WOD
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)	98 %R	82 %R	94 %R



QC REPORT

EAI ID#: **263075**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638247-47295/A071223E5041

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 (105 %R)	0.13 (126 %R) (18 RPD)	7/12/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.097 (97 %R)	0.11 (108 %R) (11 RPD)	7/12/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	86 %R	95 %R	89 %R	7/12/2023	% 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#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-103S_20230710		DUP		B					
			-1_20230710	-103D_202307	-916U_202307					
Lab Sample ID:	263075.01	263075.02	263075.03	263075.04						
Matrix:	aqueous	aqueous	aqueous	aqueous						
Date Sampled:	7/10/23	7/10/23	7/10/23	7/10/23						
Date Received:	7/10/23	7/10/23	7/10/23	7/10/23			Analysis			
					Units	Date	Time	Method	Analyst	
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	07/11/23	15:21	300.0	ALM	
Chloride	5.3	5.3	1.9	2.2	mg/L	07/11/23	15:21	300.0	ALM	
Nitrate-N	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	07/11/23	15:21	300.0	ALM	
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	07/13/23	16:05	4500N _{org} C/NH3D	PEN	
COD	< 10	< 10	< 10	< 10	mg/L	07/12/23	9:50	H8000	JCS	

Sample ID:	B-916M_20230710		B						
			-917U_202307	-909_20230710					
Lab Sample ID:	263075.05	263075.06	263075.07						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/10/23	7/10/23	7/10/23						
Date Received:	7/10/23	7/10/23	7/10/23			Analysis			
					Units	Date	Time	Method	Analyst
Bromide	< 0.1	< 0.1	< 0.1		mg/L	07/11/23	16:04	300.0	ALM
Chloride	56	< 1	< 1		mg/L	07/11/23	16:04	300.0	ALM
Nitrate-N	0.54	< 0.5	< 0.5		mg/L	07/11/23	16:04	300.0	ALM
TKN	< 0.5	< 0.5	< 0.5		mg/L	07/13/23	16:29	4500N _{org} C/NH3D	PEN
COD	< 10	< 10	< 10		mg/L	07/12/23	9:50	H8000	JCS



QC REPORT

EAI ID#: 263075

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Groundwater / 2637.10

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (100 %R)	2.0 (101 %R) (0 RPD)	mg/L	7/11/23	90 - 110	20	300.0
Chloride	< 1	20 (98 %R)	20 (98 %R) (1 RPD)	mg/L	7/11/23	90 - 110	20	300.0
Nitrate-N	< 0.5	1.9 (96 %R)	1.9 (97 %R) (1 RPD)	mg/L	7/11/23	90 - 110	20	300.0
TKN	< 0.5	10 (102 %R)	10 (101 %R) (0 RPD)	mg/L	7/13/23	90 - 111	20	4500 _{ora} N _o C/NH3D-11
COD	< 10	100 (104 %R)	100 (103 %R) (1 RPD)	mg/L	7/12/23	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#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-103S_20230710	DUP -1_20230710	B -103D_20230 710						
Lab Sample ID:	263075.01	263075.02	263075.03						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/10/23	7/10/23	7/10/23						
Date Received:	7/10/23	7/10/23	7/10/23						
				Analytical Matrix	Units	Date of Analysis	Method	Analyst	
Arsenic	0.029	0.030	0.038	AqDis	mg/L	7/13/23	200.8	DS	
Barium	0.0094	0.0094	0.0052	AqDis	mg/L	7/13/23	200.8	DS	
Cadmium	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS	
Chromium	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS	
Iron	8.9	9.2	6.1	AqDis	mg/L	7/13/23	200.8	DS	
Lead	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS	
Manganese	2.1	2.1	1.2	AqDis	mg/L	7/13/23	200.8	DS	

Sample ID:	B-916U_20230710	B -916M_20230 710	B -917U_20230 710	B -909_202307 10					
Lab Sample ID:	263075.04	263075.05	263075.06	263075.07					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/10/23	7/10/23	7/10/23	7/10/23					
Date Received:	7/10/23	7/10/23	7/10/23	7/10/23					
					Analytical Matrix	Units	Date of Analysis	Method	Analyst
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Arsenic	< 0.0005	< 0.0005	< 0.0005	< 0.0005	AqDis	mg/L	7/13/23	200.8	DS
Barium	0.012	0.020	0.0020	0.0049	AqDis	mg/L	7/13/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Chromium	< 0.001	< 0.001	0.0025	0.0016	AqDis	mg/L	7/13/23	200.8	DS
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	7/13/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Manganese	0.0054	< 0.005	< 0.005	< 0.005	AqDis	mg/L	7/13/23	200.8	DS
Nickel	< 0.001	0.0020	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS



QC REPORT

EAI ID#: 263075

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Antimony	< 0.001	0.20 (102 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Arsenic	< 0.0005	0.19 (97 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Barium	< 0.001	0.20 (99 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Beryllium	< 0.001	0.20 (99 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Cadmium	< 0.001	0.19 (97 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Chromium	< 0.001	0.19 (97 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Iron	< 0.05	10 (103 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Lead	< 0.001	0.19 (97 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Manganese	< 0.005	0.19 (97 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Nickel	< 0.001	0.19 (95 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Silver	< 0.001	0.0099 (99 %R)		NA mg/L	7/13/23	85 - 115	20	200.8
Thallium	< 0.001	0.20 (99 %R)		NA mg/L	7/13/23	85 - 115	20	200.8

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford, NH 03110



Laboratory Report for:

Eastern Analytical, Inc. ID: 263234
Client Identification: NCES | Groundwater / 2637.10
Date Received: 7/12/2023

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.

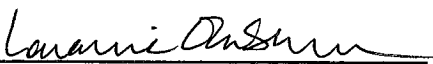
References:

- 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

7.20.23
Date



SAMPLE CONDITIONS PAGE

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Temperature upon receipt (°C): 3.2

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
263234.01	B-304UR_20230711	7/12/23	7/11/23 12:55	aqueous		Adheres to Sample Acceptance Policy
263234.02	B-304DR_20230711	7/12/23	7/11/23 13:08	aqueous		Adheres to Sample Acceptance Policy
263234.03	MW-604_20230711	7/12/23	7/11/23 14:22	aqueous		Adheres to Sample Acceptance Policy
263234.04	B-915U_20230711	7/12/23	7/11/23 15:27	aqueous		Adheres to Sample Acceptance Policy
263234.05	B-915M_20230711	7/12/23	7/11/23 15:30	aqueous		Adheres to Sample Acceptance Policy
263234.06	B-918U_20230711	7/12/23	7/11/23 11:14	aqueous		Adheres to Sample Acceptance Policy
263234.07	B-918M_20230711	7/12/23	7/11/23 11:35	aqueous		Adheres to Sample Acceptance Policy
263234.08	B-919U_20230711	7/12/23	7/11/23 08:07	aqueous		Adheres to Sample Acceptance Policy
263234.09	B-919M_20230711	7/12/23	7/11/23 14:38	aqueous		Adheres to Sample Acceptance Policy
263234.1	B-927U_20230711	7/12/23	7/11/23 09:45	aqueous		Adheres to Sample Acceptance Policy
263234.11	B-927M_20230711	7/12/23	7/11/23 10:29	aqueous		Adheres to Sample Acceptance Policy
263234.12	B-928U_20230711	7/12/23	7/11/23 13:55	aqueous		Adheres to Sample Acceptance Policy
263234.13	B-928D_20230711	7/12/23	7/11/23 13:57	aqueous		Adheres to Sample Acceptance Policy
263234.14	TB-GW-02_20230711	7/12/23	7/11/23 16:00	aqueous		Adheres to Sample Acceptance Policy
263234.15	TB-LL-GW-02_20230711	7/12/23	7/11/23 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#: 263234

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Groundwater / 2637.10

Sample ID:	B-304UR_20230711	B-304DR_20230711	MW-604_20230711	B-918M_20230711
Lab Sample ID:	263234.01	263234.02	263234.03	263234.07
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23	7/12/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-304UR_20230711	B-304DR_20230711	MW-604_20230711	B-918M_20230711
Lab Sample ID:	263234.01	263234.02	263234.03	263234.07
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23	7/12/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	96 %R	95 %R	95 %R	95 %R
1,2-Dichlorobenzene-d4 (surr)	99 %R	101 %R	101 %R	101 %R
Toluene-d8 (surr)	107 %R	107 %R	105 %R	104 %R
1,2-Dichloroethane-d4 (surr)	104 %R	104 %R	105 %R	106 %R

Bromomethane exhibited recovery below acceptance limits in the Quality Control sample(s). The analyte(s) were not detected in the sample(s).



LABORATORY REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: B-928U_20230711 B-928D_20230711 TB-GW-02_20230711

Lab Sample ID:	263234.12	263234.13	263234.14
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23
Analyst:	SG	SG	SG
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1

Dichlorodifluoromethane	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2
Acetone	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1
Benzene	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: 263234

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Groundwater / 2637.10

Sample ID:	B-928U_20230711	B-928D_20230711	TB-GW-02_20230711
Lab Sample ID:	263234.12	263234.13	263234.14
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23
Analyst:	SG	SG	SG
Method:	8260C	8260C	8260C
Dilution Factor:	1	1	1
Ethylbenzene	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1
Styrene	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	94 %R	95 %R	95 %R
1,2-Dichlorobenzene-d4 (surr)	101 %R	101 %R	101 %R
Toluene-d8 (surr)	105 %R	104 %R	106 %R
1,2-Dichloroethane-d4 (surr)	107 %R	106 %R	104 %R

Bromomethane exhibited recovery below acceptance limits in the Quality Control sample(s). The analyte(s) were not detected in the sample(s).



QC REPORT

EAI ID#: 263234

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638247-69804/A071223V82601

Client Designation: NCES | Groundwater / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	21 (103 %R)	21 (103 %R) (1 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	21 (106 %R)	21 (106 %R) (0 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	19 (96 %R)	19 (96 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	9 (45 %R)	11 (56 %R) (21 RPD) !	7/12/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	17 (86 %R)	17 (86 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	18 (89 %R)	18 (89 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (90 %R)	18 (90 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (84 %R)	17 (83 %R) (2 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (104 %R)	21 (105 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	96 (96 %R)	98 (98 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	19 (94 %R)	19 (97 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	21 (103 %R)	21 (105 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	20 (100 %R)	20 (101 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (100 %R)	20 (102 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	20 (101 %R)	21 (103 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	20 (100 %R)	20 (102 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	19 (97 %R)	20 (99 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (103 %R)	21 (105 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	22 (109 %R)	22 (110 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	20 (100 %R)	20 (102 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	18 (92 %R)	18 (92 %R) (0 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (93 %R)	19 (95 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (87 %R)	17 (86 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	19 (97 %R)	20 (100 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	20 (101 %R)	21 (103 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	19 (97 %R)	20 (99 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	19 (95 %R)	19 (97 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	19 (95 %R)	19 (97 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	19 (97 %R)	20 (99 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (94 %R)	19 (96 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	20 (98 %R)	20 (101 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (87 %R)	< 50 (88 %R) (1 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	19 (97 %R)	19 (97 %R) (0 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	20 (100 %R)	20 (102 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	24 (122 %R)	25 (123 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	21 (105 %R)	21 (106 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	22 (111 %R)	22 (110 %R) (1 RPD)	7/12/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (103 %R)	21 (105 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	21 (104 %R)	21 (104 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	21 (107 %R)	22 (108 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (105 %R)	21 (106 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (103 %R)	21 (104 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	22 (108 %R)	22 (109 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C



QC REPORT

EAI ID#: 263234

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638247-69804/A071223V82601

Client Designation: NCES | Groundwater / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	23 (113 %R)	23 (113 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	46 (115 %R)	46 (115 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	23 (113 %R)	23 (114 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	23 (113 %R)	23 (115 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	22 (110 %R)	22 (110 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	21 (106 %R)	22 (108 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	21 (106 %R)	21 (107 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	20 (101 %R)	20 (101 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	22 (111 %R)	23 (113 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	21 (106 %R)	22 (109 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (109 %R)	22 (111 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (109 %R)	22 (112 %R) (3 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	22 (108 %R)	22 (110 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	23 (116 %R)	24 (118 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	23 (116 %R)	24 (119 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	21 (105 %R)	21 (107 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	23 (114 %R)	23 (116 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	20 (101 %R)	21 (103 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	21 (104 %R)	21 (106 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	23 (114 %R)	23 (116 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	25 (126 %R)	25 (125 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (108 %R)	22 (109 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	22 (110 %R)	22 (112 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	21 (106 %R)	21 (106 %R) (0 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	25 (125 %R)	25 (127 %R) (2 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	23 (116 %R)	23 (117 %R) (1 RPD)	7/12/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	97 %R	99 %R	99 %R	7/12/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	94 %R	98 %R	97 %R	7/12/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	106 %R	108 %R	107 %R	7/12/2023	% 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#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-304UR_20230711	B-304DR_20230711	MW-604_20230711	B-918M_20230711
Lab Sample ID:	263234.01	263234.02	263234.03	263234.07
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23	7/12/23
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	0.51	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	98 %R	103 %R	97 %R	97 %R
Toluene-d8 (surr)	100 %R	101 %R	99 %R	99 %R



LABORATORY REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: B-928U_20230711 B-928D_20230711 TB-LL-GW-02_20230711

Lab Sample ID:	263234.12	263234.13	263234.15
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L
Date of Analysis:	7/12/23	7/12/23	7/12/23
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)	98 %R	98 %R	99 %R
Toluene-d8 (surr)	100 %R	100 %R	99 %R



QC REPORT

EAI ID#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638247-54708/A071223DIOX1

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	4.2 (84 %R)	4.5 (90 %R) (7 RPD)	7/12/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	97 %R	96 %R	96 %R	7/12/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	99 %R	99 %R	99 %R	7/12/2023	% Rec	70 - 130	50	8260B

*If Flagged analyte recoveries deviated from the QA/QC limits. Data that impacts sample results are noted on the sample report.



LABORATORY REPORT

EAI ID#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-304UR_20230711	B-304DR_20230711	MW-604_20230711	B-918M_20230711
Lab Sample ID:	263234.01	263234.02	263234.03	263234.07
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	7/17/23	7/17/23	7/17/23	7/17/23
Date of Analysis:	7/17/23	7/17/23	7/17/23	7/17/23
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)	100 %R	94 %R	98 %R	103 %R



LABORATORY REPORT

EAI ID#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-928U_20230711	B-928D_20230711
Lab Sample ID:	263234.12	263234.13
Matrix:	aqueous	aqueous
Date Sampled:	7/11/23	7/11/23
Date Received:	7/12/23	7/12/23
Units:	ug/L	ug/L
Date of Extraction/Prep:	7/17/23	7/17/23
Date of Analysis:	7/17/23	7/17/23
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)	101 %R	103 %R



QC REPORT

EAI ID#: **263234**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638251-83103/A071723E5041

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 (108 %R)	0.10 (104 %R) (4 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.10 (101 %R)	0.099 (99 %R) (2 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	100 %R	103 %R	100 %R	7/17/2023	% 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#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-304UR_20230711	B -304DR_2023 0711	MW -604_20230711	B -915U_202307 11		Analysis			
Lab Sample ID:	263234.01	263234.02	263234.03	263234.04	Units	Date	Time	Method	Analyst
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23					
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23					
Bromide	< 0.1	0.11	< 0.1	< 0.1	mg/L	07/12/23	17:06	300.0	ALM
Chloride	17	32	11	3.6	mg/L	07/12/23	17:06	300.0	ALM
Nitrate-N	1.3	1.0	< 0.5	< 0.5	mg/L	07/12/23	17:06	300.0	ALM
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	07/17/23	16:08	4500N _{org} C/NH3D	PEN
COD	< 10	< 10	< 10	< 10	mg/L	07/17/23	8:50	H8000	JCS

Sample ID:	B-915M_20230711	B -918U_202307 11	B -919U_202307 11	B -919M_202307 11		Analysis			
Lab Sample ID:	263234.05	263234.06	263234.08	263234.09	Units	Date	Time	Method	Analyst
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23					
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23					
Bromide	< 0.1	0.13	< 0.1	< 0.1	mg/L	07/12/23	18:47	300.0	ALM
Chloride	68	40	3	2.6	mg/L	07/12/23	18:47	300.0	ALM
Nitrate-N	0.55	2.7	< 0.5	< 0.5	mg/L	07/12/23	18:47	300.0	ALM
TKN	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	07/17/23	16:32	4500N _{org} C/NH3D	PEN
COD	< 10	< 10	< 10	< 10	mg/L	07/17/23	8:50	H8000	JCS



LABORATORY REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-927U_20230711		B-928U_202307		B-928D_202307						
	-927M_20230711	-927M_20230711	-928U_20230711	-928U_20230711	-928D_20230711	-928D_20230711	Units	Analysis		Method	Analyst
Lab Sample ID:	263234.1	263234.1	263234.12	263234.12	263234.13	263234.13		Date	Time		
Matrix:	aqueous	aqueous	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23	7/11/23	7/11/23					
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23	7/12/23	7/12/23					
Bromide	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	mg/L	07/12/23	14:56	300.0	ALM
Chloride	58	3.4	10	10	14	14	mg/L	07/12/23	14:56	300.0	ALM
Nitrate-N	0.68	< 0.5	0.92	0.92	1.0	1.0	mg/L	07/12/23	14:56	300.0	ALM
TKN	< 0.5	0.61	< 0.5	< 0.5	< 0.5	< 0.5	mg/L	07/17/23	16:46	4500N _{org} C/NH3D	PEN
COD	< 10	61	< 10	< 10	< 10	< 10	mg/L	07/17/23	8:50	H8000	JCS

Sample ID: B-918M_20230711

Lab Sample ID:	B-918M_20230711										
	263234.07	263234.07	Units	Analysis		Method	Analyst				
Matrix:	aqueous	aqueous		Date	Time						
Date Sampled:	7/11/23	7/11/23									
Date Received:	7/12/23	7/12/23									
Bromide	< 0.1	< 0.1	mg/L	07/12/23	16:51	300.0	ALM				
Sulfate	12	12	mg/L	07/12/23	16:51	300.0	ALM				
Chloride	10	10	mg/L	07/12/23	16:51	300.0	ALM				
Nitrate-N	0.66	0.66	mg/L	07/12/23	16:51	300.0	ALM				
TKN	< 0.5	< 0.5	mg/L	07/17/23	16:38	4500N _{org} C/NH3D	PEN				
COD	< 10	< 10	mg/L	07/17/23	8:50	H8000	JCS				



QC REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (102 %R)	2.0 (102 %R) (1 RPD)	mg/L	7/12/23	90 - 110	20	300.0
Sulfate	< 1	20 (101 %R)	20 (100 %R) (0 RPD)	mg/L	7/12/23	90 - 110	20	300.0
Chloride	< 1	20 (99 %R)	20 (99 %R) (0 RPD)	mg/L	7/12/23	90 - 110	20	300.0
Nitrate-N	< 0.5	1.9 (97 %R)	1.9 (97 %R) (0 RPD)	mg/L	7/12/23	90 - 110	20	300.0
TKN	< 0.5	10 (100 %R)	10 (100 %R) (0 RPD)	mg/L	7/17/23	90 - 111	20	4500N _{ord} C/NH3D-11
COD	< 10	93 (93 %R)	100 (100.%R) (7 RPD)	mg/L	7/17/23	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#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B	B	MW	B					
	-304UR_20230711	-304DR_20230711	-604_20230711	-915U_20230711					
Lab Sample ID:	263234.01	263234.02	263234.03	263234.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23	Analytical		Date of		
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23	Matrix	Units	Analysis	Method	Analyst
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Arsenic	< 0.0005	< 0.0005	< 0.0005	< 0.0005	AqDis	mg/L	7/13/23	200.8	DS
Barium	0.013	0.026	0.057	0.0062	AqDis	mg/L	7/13/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Chromium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	7/13/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Manganese	< 0.005	1.9	< 0.005	< 0.005	AqDis	mg/L	7/13/23	200.8	DS
Nickel	0.0014	0.014	0.0014	0.0014	AqDis	mg/L	7/13/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS

Sample ID:	B	B	B						
	B-915M_20230711	-918U_20230711	-918M_20230711	-919U_20230711					
Lab Sample ID:	263234.05	263234.06	263234.07	263234.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23	Analytical		Date of		
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23	Matrix	Units	Analysis	Method	Analyst
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Arsenic	< 0.0005	< 0.0005	< 0.0005	< 0.0005	AqDis	mg/L	7/13/23	200.8	DS
Barium	0.027	0.017	0.016	0.0050	AqDis	mg/L	7/13/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Chromium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	7/13/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Manganese	< 0.005	< 0.005	0.0098	< 0.005	AqDis	mg/L	7/13/23	200.8	DS
Nickel	0.0011	< 0.001	0.0014	0.0013	AqDis	mg/L	7/13/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS



LABORATORY REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-919M_20230711	B -927U_20230 711	B -927M_2023 0711	B -928U_20230 711					
Lab Sample ID:	263234.09	263234.1	263234.11	263234.12					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/11/23	7/11/23	7/11/23	7/11/23	Analytical Matrix	Units	Date of Analysis	Method	Analyst
Date Received:	7/12/23	7/12/23	7/12/23	7/12/23					
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Arsenic	0.032	< 0.0005	0.0056	< 0.0005	AqDis	mg/L	7/13/23	200.8	DS
Barium	0.010	0.032	0.041	0.012	AqDis	mg/L	7/13/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Chromium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Iron	8.2	< 0.05	3.6	< 0.05	AqDis	mg/L	7/13/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Manganese	3.7	< 0.005	0.26	< 0.005	AqDis	mg/L	7/13/23	200.8	DS
Nickel	0.0025	0.0025	0.0053	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/13/23	200.8	DS

Sample ID: B-928D_20230711

Lab Sample ID:	263234.13								
Matrix:	aqueous								
Date Sampled:	7/11/23	Analytical Matrix	Units	Date of Analysis	Method	Analyst			
Date Received:	7/12/23								
Antimony	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Arsenic	< 0.0005	AqDis	mg/L	7/13/23	200.8	DS			
Barium	0.012	AqDis	mg/L	7/13/23	200.8	DS			
Beryllium	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Cadmium	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Chromium	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Iron	< 0.05	AqDis	mg/L	7/13/23	200.8	DS			
Lead	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Manganese	< 0.005	AqDis	mg/L	7/13/23	200.8	DS			
Nickel	0.0014	AqDis	mg/L	7/13/23	200.8	DS			
Silver	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			
Thallium	< 0.001	AqDis	mg/L	7/13/23	200.8	DS			



QC REPORT

EAI ID#: 263234

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Antimony	< 0.001	0.20 (102 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Arsenic	< 0.0005	0.19 (97 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Barium	< 0.001	0.20 (99 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Beryllium	< 0.001	0.20 (99 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Cadmium	< 0.001	0.19 (97 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Chromium	< 0.001	0.19 (97 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Iron	< 0.05	10 (103 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Lead	< 0.001	0.19 (97 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Manganese	< 0.005	0.19 (97 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Nickel	< 0.001	0.19 (95 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Silver	< 0.001	0.0099 (99 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8
Thallium	< 0.001	0.20 (99 %R)		NA	mg/L 7/13/23	85 - 115	20	200.8

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Matt Estabrooks
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Bedford, NH 03110



Laboratory Report for:

Eastern Analytical, Inc. ID: 263348
Client Identification: NCES | Groundwater / 2637.10
Date Received: 7/13/2023

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

7.25.23
Date



SAMPLE CONDITIONS PAGE

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Temperature upon receipt (°C): **3.1**

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)
263348.01	MW-701_20230712	7/13/23	7/12/23 08:06	aqueous		Adheres to Sample Acceptance Policy
263348.02	MW-802_20230712	7/13/23	7/12/23 09:33	aqueous		Adheres to Sample Acceptance Policy
263348.03	MW-803_20230712	7/13/23	7/12/23 09:23	aqueous		Adheres to Sample Acceptance Policy
263348.04	B-924U_20230712	7/13/23	7/12/23 12:30	aqueous		Adheres to Sample Acceptance Policy
263348.05	B-926U_20230712	7/13/23	7/12/23 08:41	aqueous		Adheres to Sample Acceptance Policy
263348.06	B-926L_20230712	7/13/23	7/12/23 08:44	aqueous		Adheres to Sample Acceptance Policy
263348.07	B-929U_20230712	7/13/23	7/12/23 10:55	aqueous		Adheres to Sample Acceptance Policy
263348.08	B-930U_20230712	7/13/23	7/12/23 11:27	aqueous		Adheres to Sample Acceptance Policy
263348.09	B-931U_20230712	7/13/23	7/12/23 12:02	aqueous		Adheres to Sample Acceptance Policy
263348.1	TB-GW-03_20230712	7/13/23	7/12/23 15:10	aqueous		Adheres to Sample Acceptance Policy
263348.11	TB-LL-GW-03_20230712	7/13/23	7/12/23 15:10	aqueous		Adheres to Sample Acceptance Policy
263348.12	DUP-2_20230712	7/13/23	7/12/23 09:23	aqueous		Adheres to Sample Acceptance Policy
263348.13	B-931L_20230712	7/13/23	7/12/23 12:04	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#: 263348

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Groundwater / 2637.10

Sample ID:	MW-701_20230712	MW-802_20230712	B-926U_20230712	B-931U_20230712
Lab Sample ID:	263348.01	263348.02	263348.05	263348.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	MW-701_20230712	MW-802_20230712	B-926U_20230712	B-931U_20230712
Lab Sample ID:	263348.01	263348.02	263348.05	263348.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	93 %R	93 %R	94 %R	93 %R
1,2-Dichlorobenzene-d4 (surr)	101 %R	102 %R	103 %R	103 %R
Toluene-d8 (surr)	106 %R	105 %R	105 %R	106 %R
1,2-Dichloroethane-d4 (surr)	111 %R	108 %R	112 %R	109 %R



LABORATORY REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: TB-GW-03_20230712 B-931L_20230712

Lab Sample ID:	263348.1	263348.13
Matrix:	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23
Units:	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23
Analyst:	SG	SG
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#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: TB-GW-03_20230712 B-931L_20230712

Lab Sample ID:	263348.1	263348.13
Matrix:	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23
Units:	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23
Analyst:	SG	SG
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)	95 %R	93 %R
1,2-Dichlorobenzene-d4 (surr)	99 %R	102 %R
Toluene-d8 (surr)	105 %R	105 %R
1,2-Dichloroethane-d4 (surr)	109 %R	109 %R



QC REPORT

EAI ID#: 263348

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638248-49483/A071323V82601

Client Designation: NCES | Groundwater / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	20 (101 %R)	19 (97 %R) (3 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	21 (106 %R)	21 (104 %R) (2 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	20 (99 %R)	19 (95 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	13 (63 %R)	13 (63 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	17 (87 %R)	17 (84 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	18 (91 %R)	18 (88 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (92 %R)	18 (89 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (84 %R)	17 (83 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (105 %R)	21 (104 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	96 (96 %R)	98 (98 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	19 (97 %R)	19 (96 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	21 (104 %R)	21 (104 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	21 (104 %R)	20 (102 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (99 %R)	20 (98 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (107 %R)	21 (105 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	22 (109 %R)	22 (108 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (103 %R)	20 (102 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	18 (92 %R)	18 (91 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (96 %R)	19 (94 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (85 %R)	17 (86 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (102 %R)	20 (99 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	21 (103 %R)	21 (103 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	20 (102 %R)	20 (102 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (99 %R)	19 (96 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (98 %R)	19 (97 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (101 %R)	20 (99 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (97 %R)	19 (94 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (86 %R)	< 50 (88 %R) (2 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	19 (95 %R)	19 (95 %R) (0 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	20 (102 %R)	20 (101 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	22 (109 %R)	21 (106 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	25 (124 %R)	24 (120 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	22 (109 %R)	21 (105 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	22 (109 %R)	22 (108 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (105 %R)	20 (102 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	22 (108 %R)	21 (104 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	22 (108 %R)	21 (105 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (107 %R)	20 (102 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	20 (102 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	22 (111 %R)	21 (107 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C



QC REPORT

EAI ID#: 263348

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638248-49483/A071323V82601

Client Designation: NCES | Groundwater / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	23 (115 %R)	22 (112 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	47 (118 %R)	46 (114 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	23 (116 %R)	22 (112 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	22 (110 %R)	21 (106 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	22 (109 %R)	21 (105 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (103 %R)	20 (98 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	22 (108 %R)	21 (104 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	20 (101 %R)	20 (98 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	23 (113 %R)	22 (110 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (110 %R)	21 (105 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (112 %R)	21 (107 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (111 %R)	22 (108 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	22 (111 %R)	21 (106 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	24 (120 %R)	23 (115 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	24 (119 %R)	23 (115 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	22 (108 %R)	21 (103 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	21 (105 %R)	20 (99 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	22 (108 %R)	21 (103 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	24 (122 %R)	24 (121 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (111 %R)	21 (106 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	22 (112 %R)	22 (108 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	22 (109 %R)	21 (104 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	25 (124 %R)	25 (123 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	24 (118 %R)	23 (114 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	94 %R	99 %R	100 %R	7/13/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	94 %R	96 %R	98 %R	7/13/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	106 %R	107 %R	107 %R	7/13/2023	% 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#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	MW-701_20230712	MW-802_20230712	B-926U_20230712	B-931U_20230712
Lab Sample ID:	263348.01	263348.02	263348.05	263348.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
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)	100 %R	98 %R	100 %R	100 %R
Toluene-d8 (surr)	100 %R	100 %R	101 %R	99 %R



LABORATORY REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**
Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: TB-LL-GW-03_20230712 B-931L_20230712

Lab Sample ID:	263348.11	263348.13
Matrix:	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23
Units:	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23
Analyst:	MKB	MKB
Method:	8260B SIM	8260B SIM
Dilution Factor:	1	1
1,4-Dioxane	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	100 %R	99 %R
Toluene-d8 (surr)	100 %R	99 %R



QC REPORT

EAI ID#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638248-55201/A071323DIOX1

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	3.9 (79 %R)	4.3 (85 %R) (8 RPD)	7/13/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	98 %R	97 %R	99 %R	7/13/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	99 %R	99 %R	99 %R	7/13/2023	% 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#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	MW-701_20230712	MW-802_20230712	B-926U_20230712	B-931U_20230712
Lab Sample ID:	263348.01	263348.02	263348.05	263348.09
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	7/17/23	7/17/23	7/17/23	7/17/23
Date of Analysis:	7/17/23	7/17/23	7/17/23	7/17/23
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)	98 %R	97 %R	99 %R	94 %R



LABORATORY REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**
Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: B-931L_20230712

Lab Sample ID: 263348.13
Matrix: aqueous
Date Sampled: 7/12/23
Date Received: 7/13/23
Units: ug/L
Date of Extraction/Prep: 7/17/23
Date of Analysis: 7/17/23
Analyst: AR
Method: 8011/504
Dilution Factor: 1
1,2-Dibromoethane(EDB) < 0.02
Dibromochloropropane (DBCP) < 0.02
1,1,1,2-Tetrachloroethane (surr) 101 %R



QC REPORT

EAI ID#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638251-83103/A071723E5041

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 (108 %R)	0.10 (104 %R) (4 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.10 (101 %R)	0.099 (99 %R) (2 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	100 %R	103 %R	100 %R	7/17/2023	% 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#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: MW-701_20230712

Lab Sample ID: 263348.01
 Matrix: aqueous
 Date Sampled: 7/12/23
 Date Received: 7/13/23

		Units	Analysis		Method	Analyst
			Date	Time		
Bromide	< 0.1	mg/L	07/17/23	14:33	300.0	MNT
Sulfate	21	mg/L	07/17/23	14:33	300.0	MNT
Chloride	10	mg/L	07/13/23	15:21	4500CIE-11	ALM
Nitrate-N	2.0	mg/L	07/13/23	15:21	353.2	ALM
TKN	0.50	mg/L	07/19/23	18:22	4500N _{nm} C/NH3D	PEN
COD	< 10	mg/L	07/17/23	11:00	H8000	JCS

Sample ID: MW-802_20230712 MW-803_20230712 B-924U_20230712

	263348.02	263348.03	263348.04
Lab Sample ID:	263348.02	263348.03	263348.04
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23

				Units	Analysis		Method	Analyst
					Date	Time		
Bromide	0.14	0.21	< 0.1	mg/L	07/17/23	14:48	300.0	MNT
Chloride	33	13	< 1	mg/L	07/13/23	15:22	4500CIE-11	ALM
Nitrate-N	< 0.5	< 0.5	< 0.5	mg/L	07/13/23	15:22	353.2	ALM
TKN	0.78	2.0	< 0.5	mg/L	07/19/23	18:25	4500N _{nm} C/NH3D	PEN
COD	< 10	76	< 10	mg/L	07/17/23	11:00	H8000	JCS



LABORATORY REPORT

EAI ID#: **263348**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	B-926U_20230712	B-926L_20230712	B-929U_20230712						
Lab Sample ID:	263348.05	263348.06	263348.07						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/12/23	7/12/23	7/12/23						
Date Received:	7/13/23	7/13/23	7/13/23						
				Units	Analysis		Method		Analyst
Bromide	0.13	< 0.1	< 0.1	mg/L	07/17/23	15:31	300.0	MNT	
Chloride	5.3	41	1.5	mg/L	07/13/23	15:27	4500CIE-11	ALM	
Nitrate-N	< 0.5	< 0.5	2.6	mg/L	07/13/23	15:27	353.2	ALM	
TKN	< 0.5	< 0.5	< 0.5	mg/L	07/19/23	18:46	4500N _{om} C/NH3D	PEN	
COD	12	< 10	< 10	mg/L	07/17/23	11:00	H8000	JCS	

Sample ID:	B-930U_20230712	B-931U_20230712	DUP-2_20230712						
Lab Sample ID:	263348.08	263348.09	263348.12						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/12/23	7/12/23	7/12/23						
Date Received:	7/13/23	7/13/23	7/13/23						
				Units	Analysis		Method		Analyst
Bromide	< 0.1	< 0.1	0.20	mg/L	07/17/23	16:29	300.0	MNT	
Chloride	< 1	1.9	13	mg/L	07/13/23	15:31	4500CIE-11	ALM	
Nitrate-N	< 0.5	< 0.5	< 0.5	mg/L	07/13/23	15:31	353.2	ALM	
TKN	< 0.5	< 0.5	1.9	mg/L	07/19/23	18:54	4500N _{om} C/NH3D	PEN	
COD	< 10	< 10	76	mg/L	07/17/23	11:00	H8000	JCS	



LABORATORY REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID: B-931L_20230712

Lab Sample ID: 263348.13

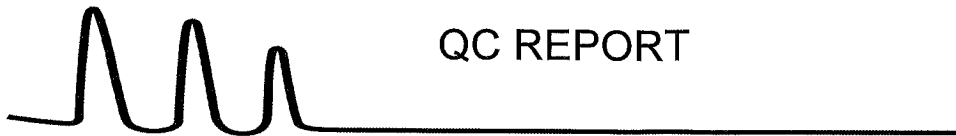
Matrix: aqueous

Date Sampled: 7/12/23

Date Received: 7/13/23

Bromide	< 0.1
Chloride	1.9
Nitrate-N	< 0.5
TKN	< 0.5
COD	< 10

Units	Analysis		Method	Analyst
	Date	Time		
mg/L	07/17/23	18:10	300.0	MNT
mg/L	07/13/23	15:34	4500CIE-11	ALM
mg/L	07/13/23	15:34	353.2	ALM
mg/L	07/19/23	19:03	4500N _{org} C/NH3D	PEN
mg/L	07/17/23	11:00	H8000	JCS



QC REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Bromide	< 0.1	2.0 (98 %R)	1.9 (96 %R) (2 RPD)	mg/L	7/17/23	90 - 110	20	300.0
Sulfate	< 1	20 (101 %R)	20 (99 %R) (2 RPD)	mg/L	7/17/23	90 - 110	20	300.0
Chloride	< 1	27 (106 %R)	26 (105 %R) (1 RPD)	mg/L	7/13/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.4 (108 %R)	5.3 (105 %R) (2 RPD)	mg/L	7/13/23	90 - 110	20	353.2
TKN	< 0.5	10 (103 %R)	10 (101 %R) (2 RPD)	mg/L	7/19/23	90 - 111	20	4500N _{ora} C/NH3D-11
COD	< 10	99 (99 %R)	100 (100 %R) (2 RPD)	mg/L	7/17/23	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#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Sample ID:	MW-701_20230712	MW -802_202307 12	MW -803_202307 12	B -924U_20230 712					
Lab Sample ID:	263348.01	263348.02	263348.03	263348.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23	Analytical Matrix	Units	Date of Analysis	Method	Analyst
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23					
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Arsenic	< 0.0005	0.016	0.067	< 0.0005	AqDis	mg/L	7/17/23	200.8	DS
Barium	0.010	0.068	0.082	0.0063	AqDis	mg/L	7/17/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Chromium	< 0.001	< 0.001	< 0.001	0.0017	AqDis	mg/L	7/17/23	200.8	DS
Iron	< 0.05	16	53	< 0.05	AqDis	mg/L	7/17/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Manganese	0.40	1.8	5.8	< 0.005	AqDis	mg/L	7/17/23	200.8	DS
Nickel	0.0012	0.0028	0.0031	0.0017	AqDis	mg/L	7/17/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS

Sample ID:	B-926U_20230712	B -926L_20230 712	B -929U_20230 712	B -930U_20230 712					
Lab Sample ID:	263348.05	263348.06	263348.07	263348.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23	Analytical Matrix	Units	Date of Analysis	Method	Analyst
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23					
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Arsenic	< 0.0005	< 0.0005	< 0.0005	< 0.0005	AqDis	mg/L	7/17/23	200.8	DS
Barium	0.0088	0.019	0.010	0.0080	AqDis	mg/L	7/17/23	200.8	DS
Beryllium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Cadmium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Chromium	< 0.001	< 0.001	0.0013	0.0018	AqDis	mg/L	7/17/23	200.8	DS
Iron	< 0.05	< 0.05	< 0.05	< 0.05	AqDis	mg/L	7/17/23	200.8	DS
Lead	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Manganese	2.5	< 0.005	< 0.005	0.0065	AqDis	mg/L	7/17/23	200.8	DS
Nickel	< 0.001	0.0017	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Silver	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS
Thallium	< 0.001	< 0.001	< 0.001	< 0.001	AqDis	mg/L	7/17/23	200.8	DS



QC REPORT

EAI ID#: 263348

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Groundwater / 2637.10**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Antimony	< 0.001	0.20 (101 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Arsenic	< 0.0005	0.19 (96 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Barium	< 0.001	0.19 (96 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Beryllium	< 0.001	0.20 (99 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Cadmium	< 0.001	0.19 (97 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Chromium	< 0.001	0.19 (95 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Iron	< 0.05	10 (102 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Lead	< 0.001	0.19 (97 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Manganese	< 0.005	0.19 (96 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Nickel	< 0.001	0.19 (97 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Silver	< 0.001	0.010 (101 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8
Thallium	< 0.001	0.20 (98 %R)	NA	mg/L	7/17/23	85 - 115	20	200.8

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.



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: 263351

Client Identification: NCES | PFAS / 2637.10

Date Received: 7/13/2023

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

8.10.23

Date



SAMPLE CONDITIONS PAGE

EAI ID#: 263351

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | PFAS / 2637.10**

Temperature upon receipt (°C): **3.1**

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)
263351.01	B-304UR_20230711	7/13/23	7/11/23 12:55	aqueous		Adheres to Sample Acceptance Policy
263351.02	B-304DR_20230711	7/13/23	7/11/23 13:08	aqueous		Adheres to Sample Acceptance Policy
263351.03	MW-604_20230711	7/13/23	7/11/23 14:22	aqueous		Adheres to Sample Acceptance Policy
263351.04	MW-701_20230712	7/13/23	7/12/23 08:06	aqueous		Adheres to Sample Acceptance Policy
263351.05	MW-802_20230712	7/13/23	7/12/23 09:33	aqueous		Adheres to Sample Acceptance Policy
263351.06	B-915U_20230711	7/13/23	7/11/23 15:27	aqueous		Adheres to Sample Acceptance Policy
263351.07	B-915M_20230711	7/13/23	7/11/23 15:30	aqueous		Adheres to Sample Acceptance Policy
263351.08	B-918U_20230711	7/13/23	7/11/23 11:14	aqueous		Adheres to Sample Acceptance Policy
263351.09	B-918M_20230711	7/13/23	7/11/23 11:35	aqueous		Adheres to Sample Acceptance Policy
263351.1	DUP-PFAS_20230711	7/13/23	7/11/23 11:35	aqueous		Adheres to Sample Acceptance Policy
263351.11	B-918D_20230711	7/13/23	7/11/23 11:49	aqueous		Adheres to Sample Acceptance Policy
263351.12	B-919U_20230711	7/13/23	7/11/23 08:07	aqueous		Adheres to Sample Acceptance Policy
263351.13	B-919M_20230711	7/13/23	7/11/23 14:38	aqueous		Adheres to Sample Acceptance Policy
263351.14	B-919D_20230711	7/13/23	7/11/23 09:15	aqueous		Adheres to Sample Acceptance Policy
263351.15	B-924U_20230712	7/13/23	7/12/23 12:30	aqueous		Adheres to Sample Acceptance Policy
263351.16	B-927M_20230711	7/13/23	7/11/23 10:29	aqueous		Adheres to Sample Acceptance Policy
263351.17	B-928U_20230711	7/13/23	7/11/23 13:55	aqueous		Adheres to Sample Acceptance Policy
263351.18	B-928D_20230711	7/13/23	7/11/23 13:57	aqueous		Adheres to Sample Acceptance Policy
263351.19	B-930U_20230712	7/13/23	7/12/23 11:27	aqueous		Adheres to Sample Acceptance Policy
263351.2	B-931U_20230712	7/13/23	7/12/23 12:02	aqueous		Adheres to Sample Acceptance Policy
263351.21	FB-PFAS-01_20230712	7/13/23	7/12/23 13:00	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.



August 08, 2023

**Enthalpy Analytical - El Dorado Hills
Work Order No. 2307186**

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 July 18, 2023 under your Project Name '263351 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,

A handwritten signature in black ink that reads 'Rajwinder Kaur'.

Rajwinder Kaur
Project Manager



Enthalpy Analytical - EDH certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Enthalpy Analytical - EDH.

Enthalpy Analytical - EDH Work Order No. 2307186

Case Narrative

Sample Condition on Receipt:

Twenty-one aqueous samples were received and stored securely in accordance with Enthalpy Analytical - EDH standard operating procedures and EPA methodology. The samples were received in good condition and within the recommended temperature requirements. Sample ID discrepancies were noted for samples "B-918D_20230711" and "FB-PFAS-01_20230712" between the container labels and the Chain-of-Custody (CoC). The sample IDs have been reported as listed on the CoC.

Analytical Notes:

PFAS Isotope Dilution/LC-MSMS Method Compliant with Table B-15 of DoD QSM 5.4 (Aqueous)

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
2307186-02	B-304DR_20230711
2307186-03	MW-604_20230711
2307186-05	MW-802_20230712
2307186-06	B-915U_20230711
2307186-08	B-918U_20230711
2307186-16	B-927M_20230711
2307186-18	B-928D_20230711
2307186-19	B-930U_20230712
2307186-20	B-931U_20230712

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 each preparation batch. No analytes were detected in the Method Blanks 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 flagged with an "H" qualifier. 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.

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Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2307186-01	B-304UR_20230711	11-Jul-23 12:55	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-02	B-304DR_20230711	11-Jul-23 13:08	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-03	MW-604_20230711	11-Jul-23 14:22	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-04	MW-701_20230712	12-Jul-23 08:06	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-05	MW-802_20230712	12-Jul-23 09:33	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-06	B-915U_20230711	11-Jul-23 15:27	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-07	B-915M_20230711	11-Jul-23 15:30	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-08	B-918U_20230711	11-Jul-23 11:14	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-09	B-918M_20230711	11-Jul-23 11:35	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-10	DUP-PFAS_20230711	11-Jul-23 11:35	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-11	B-918D_20230711	11-Jul-23 11:49	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-12	B-919U_20230711	11-Jul-23 08:07	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-13	B-919M_20230711	11-Jul-23 14:38	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-14	B-919D_20230711	11-Jul-23 09:15	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-15	B-924U_20230712	12-Jul-23 12:30	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-16	B-927M_20230711	11-Jul-23 10:29	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-17	B-928U_20230711	11-Jul-23 13:55	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-18	B-928D_20230711	11-Jul-23 13:57	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-19	B-930U_20230712	12-Jul-23 11:27	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-20	B-931U_20230712	12-Jul-23 12:02	18-Jul-23 11:30	Polypropylene, 250mL Polypropylene, 250mL
2307186-21	FB-PFAS-01_20230712	12-Jul-23 13:00	18-Jul-23 11:30	Polypropylene, 250mL

ANALYTICAL RESULTS

PFAS Isotope Dilution Table B-15

Sample ID: Method Blank

Client Data
 Name: Eastern Analytical, Inc.
 Project: 263351 NH 2089

Matrix: Aqueous
 Laboratory Data
 Lab Sample: B23G202-BLK1
 Column: BEH C18

Analyte	CAS Number	Conc. (mg/L)	RL	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFPeA	2706-90-3	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFBS	375-73-5	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
4:2-FTS	757124-72-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFHxA	307-24-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFPeS	2706-91-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFHpA	375-85-9	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFHxS	355-46-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
6:2-FTS	27619-97-2	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFOA	335-67-1	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFHpS	375-92-8	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFNA	375-95-1	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFOSA	754-91-6	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFOs	1763-23-1	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFDA	335-76-2	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
8:2-FTS	39108-34-4	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFNS	68259-12-1	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
MeFOsAA	2355-31-9	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
EtFOsAA	2991-50-6	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFUnA	2058-94-8	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFDS	335-77-3	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFDoA	307-55-1	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
MeFOsA	31506-32-8	ND	4.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFTrDA	72629-94-8	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
PFTrDA	376-06-7	ND	2.00		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution
13C3-PFBA	IS	93.1	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C3-PFPeA	IS	97.8	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C3-PFBS	IS	99.8	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-4:2-FTS	IS	99.5	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-PFHxA	IS	95.2	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C4-PFHpA	IS	94.2	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C3-PFHxS	IS	96.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-6:2-FTS	IS	95.8	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-PFOA	IS	97.6	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C5-PFNA	IS	96.4	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C8-PFOsA	IS	75.8	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C8-PFOs	IS	90.8	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1

PFAS Isotope Dilution Table B-15

Sample ID: Method Blank

Client Data		Matrix:		Laboratory Data	
Name:	Eastern Analytical, Inc.	Aqueous		Lab Sample:	B23G202-BLK1
Project:	263351 NH 2089			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	91.5	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-8-2-FTS	IS	76.1	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
d3-MeFOSAA	IS	89.3	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
d5-EtFOSAA	IS	87.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-PFuHA	IS	90.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-PFD6A	IS	80.6	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
d3-MeFOSA	IS	21.1	50 - 150	H	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	1
13C2-PFtEDA	IS	81.3	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:44	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.

Sample ID: OPR

PFAS Isotope Dilution Table B-15

Client Data
 Name: Eastern Analytical, Inc.
 Project: 263351 NH 2089

Matrix: Aqueous

Laboratory Data
 Lab Sample: B23G202-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	37.2	40.0	93.1	73 - 129	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFPeA	2706-90-3	37.1	40.0	92.7	72 - 129	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFBS	375-73-5	40.5	40.0	101	72 - 130	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
4:2 FTS	757124-72-4	45.0	40.0	112	63 - 143	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFHxA	307-24-4	37.5	40.0	93.7	72 - 129	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFPeS	2706-91-4	41.5	40.0	104	71 - 127	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFHpA	375-85-9	38.0	40.0	94.9	72 - 130	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFHxS	355-46-4	37.0	40.0	92.4	68 - 131	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
6:2 FTS	27619-97-2	38.0	40.0	95.0	64 - 140	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFOA	335-67-1	38.9	40.0	97.3	71 - 133	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFHpS	375-92-8	39.0	40.0	97.6	69 - 134	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFNA	375-95-1	38.7	40.0	96.7	69 - 130	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFOSA	754-91-6	39.2	40.0	98.0	67 - 137	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFOS	1763-23-1	37.9	40.0	94.7	65 - 140	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFDA	335-76-2	37.2	40.0	92.9	71 - 129	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
8:2 FTS	39108-34-4	36.9	40.0	92.3	67 - 138	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFNS	68259-12-1	35.7	40.0	89.3	69 - 127	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
MeFOSAA	2355-31-9	39.6	40.0	99.1	65 - 136	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
EtFOSAA	2991-50-6	35.0	40.0	87.6	61 - 135	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFUnA	2058-94-8	37.7	40.0	94.3	69 - 133	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFDS	335-77-3	34.5	40.0	86.1	53 - 142	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFDoA	307-55-1	38.3	40.0	95.8	72 - 134	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
MeFOSA	31506-32-8	39.8	40.0	99.5	68 - 141	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFTDA	72629-94-8	33.9	40.0	84.8	65 - 144	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
PFTDA	376-06-7	36.1	40.0	90.4	71 - 132	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
Labeled Standards											
13C3-PFBA		IS		97.1	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C3-PFPeA		IS		103	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C3-PFBS		IS		97.6	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-4:2 FTS		IS		97.5	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PFHxA		IS		101	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C4-PFHpA		IS		98.0	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C3-PFHxS		IS		102	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-6:2 FTS		IS		101	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PFOA		IS		101	50 - 150	B23G202	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1

Work Order 2307186

PFAS Isotope Dilution Table B-15

Sample ID: OPR

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	B23G202-BS1
Project:	263351 NH 2089	Column:	BEH C18
Matrix:	Aqueous		

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C5-PFNA	IS	103	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C8-PFOSA	IS	76.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C8-PFOS	IS	93.2	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PFDA	IS	95.5	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-8:2 FTS	IS	88.0	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
D3-MeFOSAA	IS	92.9	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
D5-EtFOSAA	IS	86.6	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PTUa	IS	93.1	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PFDOA	IS	81.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
D3-MeFOSA	IS	22.3	50 - 150	H	B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1
13C2-PFTeDA	IS	81.7	50 - 150		B23G202	24-Jul-23	0.250 L	02-Aug-23 15:55	1

Sample ID: Method Blank

PFAS Isotope Dilution Table B-15

Client Data
 Name: Eastern Analytical, Inc.
 Project: 263351 NH 2089

Matrix: Aqueous

Laboratory Data
 Lab Sample: B23G203-BLK1
 Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFPeA	2706-90-3	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFBS	375-73-5	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
4:2 FTS	757124-72-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFHxA	307-24-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFPeS	2706-91-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFHpA	375-85-9	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFHxS	355-46-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
6:2 FTS	27619-97-2	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFOA	335-67-1	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFHpS	375-92-8	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFNA	375-95-1	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFOSA	754-91-6	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFOS	1763-23-1	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFDA	335-76-2	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
8:2 FTS	39108-34-4	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFNS	68259-12-1	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
MeFOSAA	2355-31-9	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
EtFOSAA	2991-50-6	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFUxA	2058-94-8	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFDS	335-77-3	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFDoA	307-55-1	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
MeFOA	31506-32-8	ND	4.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFtHDA	72629-94-8	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
PFtBDA	376-06-7	ND	2.00		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution
13C3-PFBA	IS	90.1	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C3-PPeA	IS	93.8	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C3-PFBS	IS	95.2	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-4:2 FTS	IS	106	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-PFHxA	IS	91.2	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C4-PFHpA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C3-PFHxS	IS	92.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-6:2 FTS	IS	101	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-PFOA	IS	89.9	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C3-PFNA	IS	92.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C8-PFOA	IS	63.7	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C8-PFOS	IS	85.2	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1

Sample ID: Method Blank

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	B23G203-BLK1
Project:	263351 NH 2089	Column:	BEH C18
Matrix:		Aqueous	

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDA	IS	95.2	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-8-2 FTS	IS	94.8	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
d3-MeFOSAA	IS	78.1	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
d5-EtFOSAA	IS	72.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-PFUa	IS	94.7	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-PFDa	IS	84.1	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
d3-MeFOSA	IS	17.3	50 - 150	H	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	1
13C2-PTeDA	IS	77.6	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:36	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.

Sample ID: OPR

PFAS Isotope Dilution Table B-15

Client Data
 Name: Eastern Analytical, Inc.
 Project: 263351 NH 2089

Matrix: Aqueous

Laboratory Data
 Lab Sample: B23G203-BS1
 Column: BEH C18

Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Sampl Size	Analyzed	Dilution
PFBA	375-22-4	43.6	40.0	109	73 - 129	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFPeA	2706-90-3	42.5	40.0	106	72 - 129	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFBS	375-73-5	41.6	40.0	104	72 - 130	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
4:2 FTS	757124-72-4	44.4	40.0	111	63 - 143	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFHxA	307-24-4	44.7	40.0	112	72 - 129	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFPeS	2706-91-4	44.9	40.0	112	71 - 127	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFHpA	375-85-9	42.4	40.0	106	72 - 130	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFHxS	355-46-4	42.3	40.0	106	68 - 131	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
6:2 FTS	27619-97-2	43.6	40.0	109	64 - 140	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFOA	335-67-1	44.4	40.0	111	71 - 133	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFHps	375-92-8	39.4	40.0	98.6	69 - 134	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFNA	375-95-1	42.8	40.0	107	69 - 130	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFOSA	754-91-6	41.5	40.0	104	67 - 137	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFOS	1763-23-1	39.6	40.0	99.0	65 - 140	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFDA	335-76-2	41.2	40.0	103	71 - 129	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
8:2 FTS	39108-34-4	44.3	40.0	111	67 - 138	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFNS	68259-12-1	39.9	40.0	99.7	69 - 127	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
MeFOSAA	2355-31-9	44.0	40.0	110	65 - 136	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
EtFOSAA	2991-50-6	43.0	40.0	108	61 - 135	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFUnA	2058-94-8	42.8	40.0	107	69 - 133	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFDS	335-77-3	35.8	40.0	89.5	53 - 142	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFDoA	307-55-1	44.4	40.0	111	72 - 134	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
MeFOSA	31506-32-8	49.0	40.0	123	68 - 141	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFTA	72629-94-8	42.4	40.0	106	65 - 144	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
PFTA	376-06-7	44.8	40.0	112	71 - 132	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
Labeled Standards		Type		% Rec	Limits	Qualifiers	Batch	Extracted	Sampl Size	Analyzed	Dilution
13C3-PFBA		IS		91.1	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C3-PFPeA		IS		96.0	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C3-PFBS		IS		97.3	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-4:2 FTS		IS		94.3	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PFHxA		IS		93.4	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C4-PFHpA		IS		98.1	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C3-PFHxS		IS		90.7	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-6:2 FTS		IS		102	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PFOA		IS		94.7	50 - 150	B23G203	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1

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Sample ID: OPR

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	B23G203-BS1
Project:	263351 NH 2089	Column:	BEH C18
Matrix:	Aqueous		

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C5-PFNA	IS	95.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C8-PFOA	IS	75.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C8-PFOS	IS	92.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PFDA	IS	97.9	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-8:2 FTS	IS	92.6	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
d3-MeFOSAA	IS	83.4	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
d5-EFOSAA	IS	71.3	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PFUnA	IS	94.6	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PFDOA	IS	82.8	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
d3-MeFOSA	IS	23.6	50 - 150	H	B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1
13C2-PTeDA	IS	77.6	50 - 150		B23G203	24-Jul-23	0.250 L	26-Jul-23 13:46	1

PFAS Isotope Dilution Table B-15

Sample ID: B-304UR_20230711

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous
Project:	263351 NH 2089	Date Collected:	11-Jul-23 12:55
Location:	263351	Lab Sample:	2307186-01
		Date Received:	18-Jul-23 11:30
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.2	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFPeA	2706-90-3	15.0	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFBS	375-73-5	11.4	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
4:2 FTS	757124-72-4	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFHxA	307-24-4	25.2	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFPeS	2706-91-4	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFHpA	375-85-9	8.70	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFHxS	355-46-4	2.25	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
6:2 FTS	27619-97-2	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFOA	335-67-1	13.2	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFHpS	375-92-8	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFNA	375-95-1	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFOSA	754-91-6	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFOS	1763-23-1	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFDA	335-76-2	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
8:2 FTS	39108-34-4	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFNS	68259-12-1	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
MeFOSAA	2355-31-9	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
EtFOSAA	2991-50-6	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFUnA	2058-94-8	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFDS	335-77-3	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFDoA	307-55-1	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
MeFOSA	31506-32-8	ND	4.26		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFTDA	72629-94-8	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
PFTeDA	376-06-7	ND	2.13		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
Labeled Standards									
13C3-PFBA	IS	98.2	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C3-PFPeA	IS	102	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C3-PFBS	IS	105	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-4:2 FTS	IS	108	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFHxA	IS	101	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C4-PFHxA	IS	104	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C3-PFHxS	IS	102	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-6:2 FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFOA	IS	101	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C5-PFNA	IS	102	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C8-PFOSA	IS	83.1	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1

Sample ID: B-304UR_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous
Project:	263351 NH 2089	Date Collected:	11-Jul-23 12:55
Location:	263351	Lab Sample:	2307186-01
		Date Received:	18-Jul-23 11:30
		Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	93.9	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFDA	IS	105	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-8-2 FTS	IS	102	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
d3-MeFOSAA	IS	89.5	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
d5-EFOSAA	IS	77.0	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFTuA	IS	102	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFD0A	IS	90.6	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
d3-MeFOSA	IS	21.1	50 - 150	H	B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	1
13C2-PFTeDA	IS	87.6	50 - 150		B23G203	24-Jul-23	0.235 L	26-Jul-23 13:57	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.

Sample ID: B-304DR_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-02	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 13:08	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	22.5	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFPeA	2706-90-3	25.6	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFBs	375-73-5	15.9	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
4-2-FTS	757124-72-4	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFHxA	307-24-4	31.6	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFPeS	2706-91-4	2.88	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFHpA	375-85-9	25.4	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFHxS	355-46-4	23.9	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
6-2-FTS	27619-97-2	7.12	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFOA	335-67-1	91.4	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFHpS	375-92-8	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFNA	375-95-1	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFOSA	754-91-6	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFOS	1763-23-1	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PEDA	335-76-2	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
8-2-FTS	39108-34-4	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFNS	68259-12-1	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
MeFOSAA	2355-31-9	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
EtFOSAA	2991-50-6	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFUnA	2058-94-8	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFDS	335-77-3	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFDoA	307-55-1	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
MeFOSA	31506-32-8	ND	5.71		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFTDA	72629-94-8	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
PFTeDA	376-06-7	ND	2.85		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	73.9	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C3-PFPeA	IS	103	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C3-PFBs	IS	107	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-4:2-FTS	IS	108	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFHxA	IS	103	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C4-PFHpA	IS	101	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C3-PFHxS	IS	102	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-6:2-FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFOA	IS	97.9	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C5-PFNA	IS	96.4	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C8-PFOA	IS	70.4	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1

Sample ID: B-304DR_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-02
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous	Date Collected:	11-Jul-23 13:08

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	100	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFDA	IS	105	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-8-2 FTS	IS	99.2	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
d3-MeFOSAA	IS	96.1	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
d5-EFOSAA	IS	96.1	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFUaA	IS	99.3	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFDaA	IS	95.0	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
d3-MeFOSA	IS	16.3	50 - 150	H	B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	1
13C2-PFTaDA	IS	87.1	50 - 150		B23G203	24-Jul-23	0.175 L	26-Jul-23 14:07	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.

Sample ID: MW-604_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-03	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 14:22	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFPeA	2706-90-3	2.37	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFBS	375-73-5	4.58	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
4:2 FTS	757124-72-4	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFHxA	307-24-4	3.34	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFPeS	2706-91-4	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFHpA	375-85-9	3.24	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFHxS	355-46-4	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
6:2 FTS	27619-97-2	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFOA	335-67-1	11.2	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFHpS	375-92-8	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFNA	375-95-1	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFOSA	754-91-6	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFOS	1763-23-1	5.72	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFDA	335-76-2	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
8:2 FTS	39108-34-4	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFNS	68259-12-1	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
MeFOSAA	2355-31-9	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
BHOSAA	2991-50-6	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFUnA	2058-94-8	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFDS	335-77-3	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFDoA	307-55-1	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
MeFOSA	31506-32-8	ND	4.64	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFTrDA	72629-94-8	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	
PFTrDA	376-06-7	ND	2.32	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1	

Work Order 2307186

Sample ID: MW-604_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-03
Project:	263351 NH 2089	Date Collected:	11-Jul-23 14:22	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	93.8	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
13C2-PFDA	IS	98.8	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
13C2-8:2 FTS	IS	94.2	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
d3-MeFOSAA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
d5-EtFOSAA	IS	81.8	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
13C2-PFUnA	IS	100	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
13C2-PFD0A	IS	90.2	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
d3-MeFOSA	IS	28.6	50 - 150	H	B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	1
13C2-PFTdA	IS	79.8	50 - 150		B23G203	24-Jul-23	0.216 L	26-Jul-23 14:18	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.

Sample ID: MWV-701_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-04
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous		
Date Collected:	12-Jul-23 08:06		

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.53	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFPeA	2706-90-3	12.2	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFBS	375-73-5	3.00	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
4:2 FTS	757124-72-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFHxA	307-24-4	16.8	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFPeS	2706-91-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFHpA	375-85-9	2.90	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFHxS	355-46-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
6:2 FTS	27619-97-2	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFOA	335-67-1	5.17	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFHpS	375-92-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFNA	375-95-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFOSA	754-91-6	3.97	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFOs	1763-23-1	2.76	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFDA	335-76-2	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
8:2 FTS	39108-34-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PENS	68259-12-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
MeFOSAA	2355-31-9	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
EtFOSAA	2991-50-6	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFUnA	2058-94-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFDS	335-77-3	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFDoA	307-55-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
MeFOSA	31506-32-8	ND	4.41	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFTDA	72629-94-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
PFTeDA	376-06-7	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	

Labelled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13G3-PFBA	IS	95.3	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13G3-PPeA	IS	95.3	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13G3-PFBS	IS	109	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C2-4:2 FTS	IS	110	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C2-PFHxA	IS	97.4	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C4-PFHpA	IS	97.1	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C3-PFHxS	IS	94.3	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C2-6:2 FTS	IS	112	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C2-PFOA	IS	88.8	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C3-PFNA	IS	93.9	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	
13C8-PFOA	IS	66.4	50 - 150	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1	

Work Order 2307186

Sample ID: MW-701_20230712

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-04
Project:	263351 NH 2089	Date Collected:	12-Jul-23 08:06	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	91.6	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
13C2-PFDA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
13C2-8-2-FTS	IS	91.8	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
d3-MeFOSAA	IS	92.5	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
d5-EtFOSAA	IS	87.0	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
13C2-PFTuA	IS	94.2	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
13C2-PFD _o A	IS	92.2	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
d3-MeFOSA	IS	21.3	50 - 150	H	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	1
13C2-PFTeDA	IS	88.6	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:28	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.

Sample ID: MW-802_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-05	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 12-Jul-23 09:33	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBa	375-22-4	3.32	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFPeA	2706-90-3	5.45	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFBS	375-73-5	3.33	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
4:2-FTS	757124-72-4	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFHxA	307-24-4	8.05	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFPeS	2706-91-4	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFHpA	375-85-9	4.33	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFHxS	355-46-4	3.07	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
6:2-FTS	27619-97-2	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFOA	335-67-1	3.39	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFHpS	375-92-8	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFNA	375-95-1	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFOSA	754-91-6	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFOs	1763-23-1	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFDA	335-76-2	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
8:2-FTS	39108-34-4	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFNS	68259-12-1	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
MeFOSAA	2355-31-9	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
EtFOSAA	2991-50-6	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFUnA	2058-94-8	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFDS	335-77-3	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFDoA	307-55-1	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
MeFOSA	31506-32-8	ND	4.57		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFTrDA	72629-94-8	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
PFTeDA	376-06-7	ND	2.28		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBa	IS	102	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C3-PFPeA	IS	107	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C3-PFBS	IS	104	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-4:2-FTS	IS	114	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFHxA	IS	103	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C4-PFHpA	IS	107	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C3-PFHxS	IS	103	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-6:2-FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFOA	IS	98.9	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C3-PFNA	IS	100	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C8-PFOA	IS	86.9	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1

Sample ID: MW-802_20230712

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-05
Project:	263351 NH 2089	Date Collected:	12-Jul-23 09:33	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	96.9	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFDA	IS	99.9	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-8-2 FTS	IS	99.4	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
d3-MeFOSAA	IS	90.2	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
d5-EFOSAA	IS	81.7	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFUnA	IS	101	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFD0A	IS	91.2	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
d3-MeFOSA	IS	35.7	50 - 150	H	B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	1
13C2-PFTeDA	IS	74.6	50 - 150		B23G203	24-Jul-23	0.219 L	26-Jul-23 14:38	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.

Sample ID: B-915U_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-06
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Matrix:	Aqueous
		Date Collected:	11-Jul-23 15:27
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.67	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFPeA	2706-90-3	6.97	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFBS	375-73-5	5.57	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
4:2-FTS	757124-72-4	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFHxA	307-24-4	11.0	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFPeS	2706-91-4	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFHpA	375-85-9	2.69	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFHxS	355-46-4	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
6:2-FTS	27619-97-2	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFOA	335-67-1	4.23	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFHpS	375-92-8	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFNA	375-95-1	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFOSA	754-91-6	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFOS	1763-23-1	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFDA	335-76-2	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
8:2-FTS	39108-34-4	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFNS	68259-12-1	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
MeFOSAA	2355-31-9	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
EtFOSAA	2991-50-6	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFUnA	2058-94-8	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFDS	335-77-3	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFDoA	307-55-1	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
MeFOA	31506-32-8	ND	4.82		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFtDA	72629-94-8	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
PFtDA	376-06-7	ND	2.41		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.3	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C3-PFPeA	IS	97.5	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C3-PFBS	IS	90.3	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-4:2-FTS	IS	98.7	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFHxA	IS	95.6	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C4-PFHxA	IS	102	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C3-PFHxA	IS	91.5	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-6:2-FTS	IS	97.1	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFOA	IS	92.9	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C5-PFNA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C8-PFOA	IS	78.5	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1

Sample ID: B-915U_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-06
Project:	263351 NH 2089	Date Collected:	11-Jul-23 15:27	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	89.8	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFDA	IS	101	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-8:2 FTS	IS	99.9	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
d3-MeFOSAA	IS	71.2	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
d5-EFOSAA	IS	64.9	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFUnA	IS	95.2	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFD0A	IS	84.5	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
d3-MeFOSA	IS	30.6	50 - 150	H	B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1
13C2-PFTeDA	IS	79.0	50 - 150		B23G203	24-Jul-23	0.207 L	26-Jul-23 14:49	1

RL - Reporting limit Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: B-915M_20230711

PFAAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-07
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Matrix:	Aqueous
		Date Collected:	11-Jul-23 15:30
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.33	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFPeA	2706-90-3	4.67	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFBS	375-73-5	2.44	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
4:2-FTS	757124-72-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFHxA	307-24-4	4.97	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFPeS	2706-91-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFHpA	375-85-9	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFHxS	355-46-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
6:2-FTS	27619-97-2	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFOA	335-67-1	4.20	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFHpS	375-92-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFNA	375-95-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFOSA	754-91-6	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFOA	1763-23-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFDA	335-76-2	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
8:2-FTS	39108-34-4	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PENS	68259-12-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
MeFOSAA	2355-31-9	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
EFOSAA	2991-50-6	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFUnA	2058-94-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFDS	335-77-3	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFDoA	307-55-1	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
MeFOSA	31506-32-8	ND	4.41	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFTDA	72629-94-8	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	
PFTDA	376-06-7	ND	2.21	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1	

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Sample ID: B-915M_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-07
Project:	263351 NH 2089	Date Collected:	11-Jul-23 15:30	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOs	IS	86.8	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
13C2-PFDA	IS	95.4	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
13C2-8-2 FTS	IS	85.5	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
d3-MeFOSAA	IS	68.9	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
d5-EFOSAA	IS	60.3	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
13C2-PFOuA	IS	88.9	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
13C2-PFD0A	IS	79.6	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
d3-MeFOsA	IS	27.4	50 - 150	H	B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	1
13C2-PTeDA	IS	72.3	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 14:59	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.

Sample ID: B-918U_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-08
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Matrix:	Aqueous
		Date Collected:	11-Jul-23 11:14
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFPeA	2706-90-3	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFBS	375-73-5	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
4:2 FTS	757124-72-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFHxA	307-24-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFPeS	2706-91-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFHpA	375-85-9	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFHxS	355-46-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
6:2 FTS	27619-97-2	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFOA	335-67-1	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFHpS	375-92-8	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFNA	375-95-1	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFOSA	754-91-6	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFOS	1763-23-1	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFDA	335-76-2	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
8:2 FTS	39108-34-4	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFNS	68259-12-1	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
MeFOSAA	2355-31-9	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
EHFOSAA	2991-50-6	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFUnA	2058-94-8	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFDS	335-77-3	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFDoA	307-55-1	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
MeFOSA	31506-32-8	ND	4.32	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFTHDA	72629-94-8	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
PFTrDA	376-06-7	ND	2.16	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.3	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C3-PFPeA	IS	97.0	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C3-PFBS	IS	90.0	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C2-4:2 FTS	IS	105	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C2-PFHxA	IS	96.3	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C4-PFHpA	IS	97.1	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C3-PFHxS	IS	85.7	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C2-6:2 FTS	IS	101	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C2-PFOA	IS	86.9	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C5-PFNA	IS	89.7	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	
13C8-PFOSA	IS	74.3	50 - 150	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1	

Work Order 2307186

Sample ID: B-918U_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-08
Project:	263351 NH 2089	Date Collected:	11-Jul-23 11:14	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	88.1	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
13C2-PFDA	IS	84.9	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
13C2-8-2 FTS	IS	93.0	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
d3-MeFOSAA	IS	71.8	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
d5-EFOSAA	IS	63.6	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
13C2-PFUdA	IS	80.8	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
13C2-PFD0A	IS	75.4	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
d3-MeFOSA	IS	24.3	50 - 150	H	B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1
13C2-PFTeDA	IS	70.2	50 - 150		B23G203	24-Jul-23	0.231 L	26-Jul-23 15:10	1

RL - Reporting Limit

Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: B-918M_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-09
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Matrix:	Aqueous
		Date Collected:	11-Jul-23 11:35
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFPeA	2706-90-3	3.17	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFBS	375-73-5	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
4:2 FTS	757124-72-4	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFHxA	307-24-4	4.25	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFPeS	2706-91-4	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFHpA	375-85-9	2.40	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFHxS	355-46-4	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
6:2 FTS	27619-97-2	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFOA	335-67-1	6.15	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFHpS	375-92-8	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFNA	375-95-1	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFOSA	754-91-6	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFOs	1763-23-1	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFDA	335-76-2	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
8:2 FTS	39108-34-4	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PENS	68259-12-1	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
MeFOSAA	2355-31-9	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
EtFOSAA	2991-50-6	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFUnA	2058-94-8	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFDS	335-77-3	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFDoA	307-55-1	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
MeFOSA	31506-32-8	ND	4.31		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFTHDA	72629-94-8	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
PFtBDA	376-06-7	ND	2.16		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	90.3	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C3-PFPeA	IS	90.9	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C3-PFBS	IS	89.4	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-4:2 FTS	IS	84.2	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PFHxA	IS	89.4	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C4-PFHpA	IS	95.1	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C3-PFHxS	IS	88.7	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-6:2 FTS	IS	105	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PFOA	IS	87.1	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C5-PFNA	IS	93.0	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C8-PFOSA	IS	67.0	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1

Sample ID: B-918M_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-09
Project:	263351 NH 2089	Date Collected:	11-Jul-23 11:35	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	79.9	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PFDA	IS	90.5	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-8-2 FTS	IS	85.3	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
d3-MeFOSAA	IS	74.8	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
d5-EHOSAA	IS	68.7	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PFUaA	IS	87.5	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PFD0A	IS	84.7	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
d3-MeFOSA	IS	21.8	50 - 150	H	B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1
13C2-PTeDA	IS	77.2	50 - 150		B23G203	24-Jul-23	0.232 L	26-Jul-23 15:20	1

RL - Reporting limit Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EHOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: DUP-PFAS_20230711

PFAS Isotope Dilution Table B-15

Client Data	Name: Eastern Analytical, Inc.	Matrix: Aqueous	Laboratory Data
Project: 263351 NH 2089	Location: 263351	Date Collected: 11-Jul-23 11:35	Lab Sample: 2307186-10
			Date Received: 18-Jul-23 11:30
			Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFPeA	2706-90-3	3.09	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFBS	375-73-5	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
4:2 FTS	757124-72-4	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFHxA	307-24-4	4.06	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFPeS	2706-91-4	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFHpA	375-85-9	2.36	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFHxS	355-46-4	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
6:2 FTS	27619-97-2	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFOA	335-67-1	5.89	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFHpS	375-92-8	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFNA	375-95-1	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFOSA	754-91-6	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFOS	1763-23-1	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFDA	335-76-2	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
8:2 FTS	39108-34-4	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFNS	68259-12-1	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
MeFOSAA	2355-31-9	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
EtFOSAA	2991-50-6	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFUnA	2058-94-8	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFDS	335-77-3	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFDoA	307-55-1	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
MeFOSA	31506-32-8	ND	4.41		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFTrDA	72629-94-8	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
PFTrDA	376-06-7	ND	2.21		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBa	IS	97.5	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C3-PFPeA	IS	99.8	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C3-PFBs	IS	98.8	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-4:2 FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFHxA	IS	98.2	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C4-PFHpA	IS	103	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C3-PFHxS	IS	99.6	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-6:2 FTS	IS	108	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFOA	IS	93.8	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C5-PFNA	IS	96.4	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C8-PFOA	IS	74.6	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1

Sample ID: DUP-PFAS_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-10
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous	Date Collected:	11-Jul-23 11:35

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Sample Size	Analyzed	Dilution
13C8-PFOS	IS	90.0	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFDA	IS	101	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-8-2 FTS	IS	93.0	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
d3-MeFOSAA	IS	81.3	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
d5-EfFOSAA	IS	78.2	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFDuA	IS	95.0	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFD0A	IS	88.5	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
d3-MeFOSA	IS	21.2	50 - 150	H	B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1
13C2-PFTeDA	IS	86.1	50 - 150		B23G203	24-Jul-23	0.227 L	26-Jul-23 16:02	1

RL - Reporting limit Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EfFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: B-918D_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-11
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous		
Date Collected:	11-Jul-23 11:49		

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFPeA	2706-90-3	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFBS	375-73-5	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
4:2-FTS	757124-72-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFHxA	307-24-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFPeS	2706-91-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFHpA	375-85-9	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFHxS	355-46-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
6:2-FTS	27619-97-2	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFOA	335-67-1	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFHps	375-92-8	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFNA	375-95-1	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFOSA	754-91-6	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFOs	1763-23-1	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFDA	335-76-2	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
8:2-FTS	39108-34-4	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFNS	68259-12-1	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
MeFOSAA	2355-31-9	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
EtFOSAA	2991-50-6	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFUnA	2058-94-8	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFDS	335-77-3	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFDA	307-55-1	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
MeFOsa	31506-32-8	ND	4.87		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFTDA	72629-94-8	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
PFTDA	376-06-7	ND	2.44		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.4	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C3-PFPeA	IS	101	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C3-PFBS	IS	103	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-4:2-FTS	IS	113	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PFHxA	IS	98.1	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C4-PFHpA	IS	102	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C3-PFHxS	IS	98.5	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-6:2-FTS	IS	105	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PFOA	IS	94.9	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C5-PFNA	IS	96.4	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C8-PFOsa	IS	71.2	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1

Sample ID: B-918D_20230711

PFAS Isotope Dilution Table B-15

Client Data	Name: Eastern Analytical, Inc. Project: 263351 NH 2089 Location: 263351	Matrix: Aqueous Date Collected: 11-Jul-23 11:49	Laboratory Data Lab Sample: 2307186-11 Date Received: 18-Jul-23 11:30	Column: BEH C18
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Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	92.9	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PFDA	IS	97.9	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-8:2 FTS	IS	97.3	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
d3-MeFOSAA	IS	90.3	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
d5-EFOSAA	IS	85.4	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PFUnA	IS	92.0	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PFD0A	IS	84.6	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
d3-MeFOSA	IS	24.2	50 - 150	H	B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1
13C2-PTeDA	IS	78.5	50 - 150		B23G203	24-Jul-23	0.205 L	26-Jul-23 16:12	1

RT - Reporting limit Results reported to RL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: B-919U_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-12	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 08:07	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	5.46	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFPeA	2706-90-3	6.09	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFBS	375-73-5	9.00	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
4:2-FTS	757124-72-4	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFHxA	307-24-4	11.2	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFPeS	2706-91-4	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFHpA	375-85-9	8.44	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFHxS	355-46-4	3.19	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
6:2-FTS	27619-97-2	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFOA	335-67-1	23.7	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFHpS	375-92-8	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFNA	375-95-1	2.80	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFOSA	754-91-6	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFOS	1763-23-1	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFDA	335-76-2	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
8:2-FTS	39108-34-4	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PENS	68259-12-1	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
MeFOSAA	2355-31-9	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
EFOSAA	2991-50-6	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFUnA	2058-94-8	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFDS	335-77-3	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFDoA	307-55-1	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
MeFOSA	31506-32-8	ND	4.23		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFTDA	72629-94-8	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
PFTDA	376-06-7	ND	2.11		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
Labeled Standards									
13C3-PFBA	IS	95.9	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C3-PFPeA	IS	98.2	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C3-PFBS	IS	98.0	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-4:2-FTS	IS	105	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFHxA	IS	96.2	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C4-PFHpA	IS	100	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C3-PFHxS	IS	93.9	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-6:2-FTS	IS	104	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFOA	IS	93.2	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C5-PFNA	IS	90.6	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C8-PFOA	IS	72.2	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1

Sample ID: B-919U_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-12
Project:	263351 NH 2089	Date Collected:	11-Jul-23 08:07	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	93.6	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFDA	IS	97.8	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-8-2 FTS	IS	94.7	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
d3-MeFOSAA	IS	92.3	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
d5-EFOSAA	IS	81.1	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFUa	IS	93.7	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFDa	IS	87.7	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
d3-MeFOSA	IS	29.9	50 - 150	H	B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	1
13C2-PFTeDA	IS	83.1	50 - 150		B23G203	24-Jul-23	0.236 L	26-Jul-23 16:22	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.

Sample ID: B-919M_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-13	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 14:38	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFPeA	2706-90-3	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFBS	375-73-5	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
4:2-FTS	757124-72-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFHxA	307-24-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFPeS	2706-91-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFHpA	375-85-9	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFHxS	355-46-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
6:2-FTS	27619-97-2	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFOA	335-67-1	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFHpS	375-92-8	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFNA	375-95-1	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFOA	754-91-6	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFOA	1763-23-1	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFDA	335-76-2	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
8:2-FTS	39108-34-4	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFNS	68259-12-1	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
MeFOSAA	2355-31-9	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
EtFOSAA	2991-50-6	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFUnA	2058-94-8	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFDS	335-77-3	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFDoA	307-55-1	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
MeFOSA	31506-32-8	ND	4.55		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFHDA	72629-94-8	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
PFTEDA	376-06-7	ND	2.28		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PBBA	IS	93.6	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C3-PPeA	IS	97.1	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C3-PFBS	IS	111	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-4:2-FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFHxA	IS	97.1	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C4-PFHpA	IS	100	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C3-PFHxS	IS	100	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-6:2-FTS	IS	107	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFOA	IS	94.1	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C5-PFNA	IS	93.8	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C8-PFOA	IS	70.6	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1

Sample ID: B-919M_20230711

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-13
Project:	263351 NH 2089	Date Collected:	11-Jul-23 14:38	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	91.9	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFDA	IS	93.6	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-8-2 FTS	IS	94.9	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
d3-MeFOSAA	IS	90.0	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
d5-EtFOSAA	IS	78.0	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFUA	IS	94.1	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFD0A	IS	84.9	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
d3-MeFOSA	IS	29.4	50 - 150	H	B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	1
13C2-PFTeDA	IS	73.2	50 - 150		B23G203	24-Jul-23	0.220 L	26-Jul-23 16:33	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.

Sample ID: B-919D_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-14	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 09:15	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFPeA	2706-90-3	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFBS	375-73-5	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
4:2-FTS	757124-72-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFHxA	307-24-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFPeS	2706-91-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFHpA	375-85-9	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFHxS	355-46-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
6:2-FTS	27619-97-2	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFOA	335-67-1	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFHpS	375-92-8	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFNA	375-95-1	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFOSA	754-91-6	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFOS	1763-23-1	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFDA	335-76-2	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
8:2-FTS	39108-34-4	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFNS	68259-12-1	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
MeFOSAA	2355-31-9	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
EtFOSAA	2991-50-6	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFUnA	2058-94-8	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFDS	335-77-3	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFDoA	307-55-1	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
MeFOSA	31506-32-8	ND	4.44		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFTDA	72629-94-8	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
PFTeDA	376-06-7	ND	2.22		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	104	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C3-PFPeA	IS	107	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C3-PFBS	IS	105	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-4:2-FTS	IS	125	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFHxA	IS	107	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C4-PFHpA	IS	104	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C3-PFHxS	IS	102	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-6:2-FTS	IS	110	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFOA	IS	102	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C5-PFNA	IS	103	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C8-PFOSA	IS	80.3	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1

Sample ID: B-919D_20230711

PFAS Isotope Dilution Table B-15

Client Data	Name: Eastern Analytical, Inc. Project: 263351 NH 2089 Location: 263351	Matrix: Aqueous Date Collected: 11-Jul-23 09:15	Laboratory Data Lab Sample: 2307186-14 Date Received: 18-Jul-23 11:30	Column: BEH C18
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Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	95.4	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFDA	IS	103	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-8-2 FTS	IS	104	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
d3-MeFOSAA	IS	93.0	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
d5-EFOSAA	IS	97.3	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFUnA	IS	100	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFD0A	IS	95.5	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
d3-MeFOSA	IS	21.0	50 - 150	H	B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	1
13C2-PFTeDA	IS	90.2	50 - 150		B23G203	24-Jul-23	0.225 L	26-Jul-23 16:43	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.

Sample ID: B-924U_20230712

PFAS Isotope Dilution Table B-15

Client Data	Name: Eastern Analytical, Inc. Project: 263351 NH 2089 Location: 263351	Matrix: Aqueous Date Collected: 12-Jul-23 12:30	Laboratory Data Lab Sample: 2307186-15 Date Received: 18-Jul-23 11:30	Column: BEH C18
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Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFPeA	2706-90-3	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFBs	375-73-5	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
4:2-FTS	757124-72-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFHxA	307-24-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFPeS	2706-91-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFHpA	375-85-9	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFHxS	355-46-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
6:2-FTS	27619-97-2	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFOA	335-67-1	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFHpS	375-92-8	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFNA	375-95-1	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFOSA	754-91-6	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFOs	1763-23-1	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFDA	335-76-2	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
8:2-FTS	39108-34-4	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PENS	68259-12-1	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
MeFOSAAA	2355-31-9	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
EFOSAAA	2991-50-6	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFUnA	2058-94-8	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFDS	335-77-3	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFDoA	307-55-1	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
MeFOSA	31506-32-8	ND	4.43	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFTDA	72629-94-8	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
PFTGDA	376-06-7	ND	2.22	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	105	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C3-PFPeA	IS	107	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C3-PFBs	IS	106	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C2-4:2-FTS	IS	115	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C2-PFHxA	IS	106	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C4-PFHpA	IS	105	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C3-PFHxS	IS	104	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C2-6:2-FTS	IS	113	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C2-PFOA	IS	98.9	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C5-PFNA	IS	100	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	
13C8-PFOSA	IS	69.4	50 - 150	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1	

Sample ID: B-924U_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-15
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous		
Date Collected:	12-Jul-23 12:30		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	101	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
13C2-PFDA	IS	100	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
13C2-8-2 FTS	IS	105	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
d3-MeFOSAA	IS	94.9	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
d5-EFOSAA	IS	90.6	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
13C2-PFUaA	IS	99.1	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
13C2-PFD0A	IS	95.3	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
d3-MeFOSA	IS	21.9	50 - 150	H	B23G203	24-Jul-23	0.226 L	26-Jul-23 16:53	1
13C2-PFTeDA	IS	89.6	50 - 150		B23G203	24-Jul-23	0.226 L	26-Jul-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.

Sample ID: B-927M_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-16	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 11-Jul-23 10:29	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFPeA	2706-90-3	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFBS	375-73-5	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
4:2-FTS	757124-72-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFHxA	307-24-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFPeS	2706-91-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFHpA	375-85-9	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFHxS	355-46-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
6:2-FTS	27619-97-2	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFOA	335-67-1	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFHpS	375-92-8	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFNA	375-95-1	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFOSA	754-91-6	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFOs	1763-23-1	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFDA	335-76-2	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
8:2-FTS	39108-34-4	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFNS	68259-12-1	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
MeFOSAA	2355-31-9	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
EtFOSAA	2991-50-6	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFUnA	2058-94-8	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFDS	335-77-3	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFDoA	307-55-1	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
MeFOSA	31506-32-8	ND	6.72		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFTrDA	72629-94-8	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
PFTrDA	376-06-7	ND	3.36		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.2	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C3-PFPeA	IS	106	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C3-PFBS	IS	104	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-4:2-FTS	IS	117	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFHxA	IS	108	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C4-PFHpA	IS	106	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C3-PFHxS	IS	107	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-6:2-FTS	IS	109	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFOA	IS	96.9	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C5-PFNA	IS	100	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C8-PFOA	IS	82.2	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1

Sample ID: B-927M_20230711

PFAS Isotope Dilution Table B-15

Client Data	Name: Eastern Analytical, Inc. Project: 263351 NH 2089 Location: 263351	Matrix: Aqueous Date Collected: 11-Jul-23 10:29	Laboratory Data	Lab Sample: 2307186-16 Date Received: 18-Jul-23 11:30	Column: BEH C18
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Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	89.8	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFDA	IS	105	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-8-2 FTS	IS	95.6	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
d3-MeFOSAA	IS	96.8	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
d5-EFOSAA	IS	89.3	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFUaA	IS	97.5	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFDaA	IS	94.6	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
d3-MeFOSA	IS	22.1	50 - 150	H	B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	1
13C2-PFTaDA	IS	91.3	50 - 150		B23G203	24-Jul-23	0.149 L	26-Jul-23 17:04	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.

Sample ID: B-928U_20230711

PFAS Isotope Dilution Table B-15

Client Data
 Name: Eastern Analytical, Inc.
 Project: 263351 NH 2089
 Location: 263351

Laboratory Data
 Lab Sample: 2307186-17
 Date Received: 18-Jul-23 11:30
 Matrix: Aqueous
 Date Collected: 11-Jul-23 13:55
 Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.05	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFPeA	2706-90-3	7.69	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFBS	375-73-5	8.68	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
4:2-FTS	757124-72-4	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFHxA	307-24-4	12.2	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFPeS	2706-91-4	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFHpA	375-85-9	7.19	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFHxS	355-46-4	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
6:2-FTS	27619-97-2	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFOA	335-67-1	15.1	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFHpS	375-92-8	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFNA	375-95-1	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFOSA	754-91-6	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PROS	1763-23-1	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFDA	335-76-2	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
8:2-FTS	39108-34-4	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFNS	68259-12-1	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
MeFOSAA	2355-31-9	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
EtFOSAA	2991-50-6	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFUnA	2058-94-8	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFDS	335-77-3	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFDoA	307-55-1	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
MeFOSA	31506-32-8	ND	4.86		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFTDA	72629-94-8	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
PFTeDA	376-06-7	ND	2.43		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBa	IS	101	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C3-PFPeA	IS	101	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C3-PFBs	IS	102	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-4:2-FTS	IS	128	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFHxA	IS	102	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C4-PFHpA	IS	107	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C3-PFHxS	IS	96.7	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-6:2-FTS	IS	115	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFOA	IS	97.7	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C5-PFNA	IS	104	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C8-PFOA	IS	68.7	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1

PFAS Isotope Dilution Table B-15

Sample ID: B-928U_20230711

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-17
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
		Date Collected:	11-Jul-23 13:55

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	94.6	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFDA	IS	106	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-8:2-FTS	IS	93.2	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
d3-MeFOSAA	IS	96.1	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
d5-EtFOSAA	IS	81.6	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFTuA	IS	87.7	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFD0A	IS	90.2	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
d3-MeFOSA	IS	20.5	50 - 150	H	B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	1
13C2-PFTaDA	IS	80.0	50 - 150		B23G203	24-Jul-23	0.206 L	26-Jul-23 17:14	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.

Sample ID: B-928D_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-18
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous		
Date Collected:	11-Jul-23 13:57		

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	10.5	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFPeA	2706-90-3	7.34	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFBS	375-73-5	8.09	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
4:2-FTS	757124-72-4	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFHxA	307-24-4	10.9	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFPeS	2706-91-4	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFHpA	375-85-9	5.76	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFHxS	355-46-4	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
6:2-FTS	27619-97-2	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFOA	335-67-1	9.17	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFHpS	375-92-8	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFNA	375-95-1	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFOSA	754-91-6	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFOA	1763-23-1	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFOA	335-76-2	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFOA	39108-34-4	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
8:2-FTS	68259-12-1	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PENS	2355-31-9	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
MeFOSAA	2991-50-6	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
EtFOSAA	2058-94-8	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFUnA	335-77-3	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFDS	307-55-1	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFDoA	31506-32-8	ND	4.96		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
MeFOSA	72629-94-8	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFTDA	376-06-7	ND	2.48		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
PFTDA									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBa	IS	108	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C3-PFPeA	IS	110	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C3-PFBS	IS	122	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-4:2-FTS	IS	120	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFHxA	IS	110	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C4-PFHpA	IS	119	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C3-PFHxS	IS	113	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-6:2-FTS	IS	113	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFOA	IS	104	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C5-PFNA	IS	108	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C8-PFOA	IS	77.4	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1

Sample ID: B-928D_20230711

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-18
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous	Date Collected:	11-Jul-23 13:57

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	106	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFDA	IS	110	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-8:2 FTS	IS	95.3	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
d3-MeFOSAA	IS	96.8	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
d5-EFOSAA	IS	93.3	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFUnA	IS	96.0	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFD0A	IS	93.7	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
d3-MeFOSA	IS	26.8	50 - 150	H	B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	1
13C2-PFtdA	IS	88.0	50 - 150		B23G203	24-Jul-23	0.202 L	26-Jul-23 17:25	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.

Sample ID: B-930U_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-19	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 12-Jul-23 11:27	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFPeA	2706-90-3	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFBS	375-73-5	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
4:2 FTS	757124-72-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFHxA	307-24-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFPeS	2706-91-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFHpA	375-85-9	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFHxS	355-46-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
6:2 FTS	27619-97-2	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFOA	335-67-1	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFHpS	375-92-8	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFNA	375-95-1	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFOSA	754-91-6	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFOs	1763-23-1	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFDA	335-76-2	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
8:2 FTS	39108-34-4	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFNS	68259-12-1	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
MeFOSAA	2355-31-9	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
EtFOSAA	2991-50-6	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFUnA	2058-94-8	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFDS	335-77-3	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFDoA	307-55-1	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
MeFOsA	31506-32-8	ND	4.68		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFTDA	72629-94-8	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
PFTeDA	376-06-7	ND	2.34		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	92.4	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C3-PFPeA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C3-PFBs	IS	104	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-4:2 FTS	IS	105	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFHxA	IS	93.1	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C4-PFHpA	IS	99.5	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C3-PFHxS	IS	93.1	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-6:2 FTS	IS	93.5	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFOA	IS	90.9	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C5-PFNA	IS	93.0	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C8-PFOsA	IS	68.3	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1

Sample ID: B-930U_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-19
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Column:	BEH C18
Matrix:	Aqueous	Date Collected:	12-Jul-23 11:27

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	90.6	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFDA	IS	94.3	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-8:2 FTS	IS	88.0	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
d3-MeFOSAA	IS	89.7	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
d5-EtFOSAA	IS	80.8	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFTUnA	IS	88.0	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFD0A	IS	83.7	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
d3-MeFOSA	IS	24.3	50 - 150	H	B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	1
13C2-PFTaDA	IS	72.3	50 - 150		B23G203	24-Jul-23	0.213 L	26-Jul-23 17:35	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.

Sample ID: B-931U_20230712

PFAS Isotope Dilution Table B-15

Client Data		Laboratory Data	
Name: Eastern Analytical, Inc.	Matrix: Aqueous	Lab Sample: 2307186-20	Column: BEH C18
Project: 263351 NH 2089	Date Collected: 12-Jul-23 12:02	Date Received: 18-Jul-23 11:30	
Location: 263351			

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFPeA	2706-90-3	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFBS	375-73-5	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
4:2-FTS	757124-72-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFHxA	307-24-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFPeS	2706-91-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFHpA	375-85-9	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFHxS	355-46-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
6:2-FTS	27619-97-2	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFOA	335-67-1	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFHpS	375-92-8	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFNA	375-95-1	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFOSA	754-91-6	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFOS	1763-23-1	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFDA	335-76-2	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
8:2-FTS	39108-34-4	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFNS	68259-12-1	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
MeFOSAA	2355-31-9	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
EtFOSAA	2991-50-6	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFUnA	2058-94-8	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFDS	335-77-3	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFDoA	307-55-1	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
MeFOSA	31506-32-8	ND	3.89		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFtHDA	72629-94-8	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
PFtDdA	376-06-7	ND	1.95		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
Labeled Standards									
	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.2	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C3-PFPeA	IS	99.1	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C3-PFBS	IS	105	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-4:2-FTS	IS	92.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFHxA	IS	95.9	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C4-PFHpA	IS	92.4	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C3-PFHxS	IS	94.8	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-6:2-FTS	IS	90.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFOA	IS	93.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C5-PFNA	IS	82.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C8-PFOA	IS	66.9	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1

Sample ID: B-931U_20230712

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-20
Project:	263351 NH 2089	Date Collected:	12-Jul-23 12:02	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	83.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFDA	IS	79.9	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-8-2 FTS	IS	86.5	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
d3-MeFOSAA	IS	78.7	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
d5-EFOSAA	IS	69.8	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFUnA	IS	75.1	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFD0A	IS	64.6	50 - 150		B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
d3-MeFOSA	IS	16.2	50 - 150	H	B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	1
13C2-PFTeDA	IS	47.7	50 - 150	H	B23G202	24-Jul-23	0.257 L	01-Aug-23 22:04	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.

Sample ID: FB-PFAS-01_20230712

Client Data		Laboratory Data	
Name:	Eastern Analytical, Inc.	Lab Sample:	2307186-21
Project:	263351 NH 2089	Date Received:	18-Jul-23 11:30
Location:	263351	Matrix:	Aqueous
		Date Collected:	12-Jul-23 13:00
		Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFPeA	2706-90-3	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFBS	375-73-5	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
4:2-FTS	757124-72-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFHxA	307-24-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFPeS	2706-91-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFHpA	375-85-9	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFHxS	355-46-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
6:2-FTS	27619-97-2	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFOA	335-67-1	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFHpS	375-92-8	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFNA	375-95-1	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFOSA	754-91-6	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFOA	1763-23-1	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFDA	335-76-2	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
8:2-FTS	39108-34-4	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFNS	68259-12-1	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
MeFOSAA	2355-31-9	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
EtFOSAA	2991-50-6	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFUnA	2058-94-8	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFDS	335-77-3	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFDoA	307-55-1	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
MeFOSA	31506-32-8	ND	3.87	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFTfDA	72629-94-8	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
PFTGDfA	376-06-7	ND	1.93	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
Labeled Standards									
13C3-PFBA	IS	92.4	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C3-PFPeA	IS	96.5	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C3-PFBS	IS	104	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C2-4:2-FTS	IS	93.8	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C2-PFHxA	IS	97.5	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C4-PFHpA	IS	92.3	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C3-PFHxS	IS	95.5	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C2-6:2-FTS	IS	88.8	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C2-PFOA	IS	90.4	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C5-PFNA	IS	73.8	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	
13C8-PFOA	IS	62.4	50 - 150	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1	

Sample ID: FB-PFAS-01_20230712

PFAS Isotope Dilution Table B-15

Client Data			Laboratory Data		
Name:	Eastern Analytical, Inc.	Matrix:	Aqueous	Lab Sample:	2307186-21
Project:	263351 NH 2089	Date Collected:	12-Jul-23 13:00	Date Received:	18-Jul-23 11:30
Location:	263351			Column:	BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C8-PFOS	IS	85.3	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
13C2-PFDA	IS	75.5	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
13C2-8:2 FTS	IS	82.6	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
d3-MeFOSAA	IS	75.6	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
d5-EFOSAA	IS	71.2	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
13C2-PFUnA	IS	74.3	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
13C2-PFD0A	IS	62.3	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
d3-MeFOSA	IS	17.0	50 - 150	H	B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	1
13C2-PFTeDA	IS	68.5	50 - 150		B23G202	24-Jul-23	0.259 L	01-Aug-23 22:15	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



EAID# 263351

Page 1

Sample ID _____ Date Sampled Matrix _____ Parameters _____ Sample Notes 2307186 2.9%

B-304UR_20230711- | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 12:55

B-304DR_20230711- | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 13:08

MW-604_20230711- | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 14:22

MW-701_20230712- | 7/12/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 08:06

EAID# 263351 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 #: 60263 EAID# 263351
Data Deliverable (circle)
Excel NH EMD EQUIS ME EGAD
Call prior to analyzing, if RUSH charges will be applied.
Samples Collected by: [Signature] Date/Time: 7/17/23 1600 CP5
Relinquished by: [Signature] Date/Time: 7/18/23 1130 Paul [Signature]
Relinquished by: _____ Date/Time: _____ Received by: _____

Eastern Analytical, Inc. 51 Antim Ave Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 customerservice@easternanalytical.com
As a subcontract lab to EA1, 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 the subcontract lab, your officers, agents or employees 58 of 70

CHAIN-OF-CUSTODY RECORD



Sample ID MMW-802_20230712 Date Sampled 7/12/2023 Matrix aqueous aParameters 2302186

09:33 Subcontract - Perfluorinated Compounds EPA Method 537 modified

EAI ID# **263351**

Sample Notes

Page 2

B-915U_20230711 | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 15:27

B-915M_20230711 | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 15:30

B-918U_20230711 | 7/11/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified | 11:14

EAI ID# **263351**

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 #: 60263

EAI ID# 263351

Data Deliverable (circle)
Excel NH EMD EQUIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: [Signature] 7/17/23 1600 WPS
Relinquished by: [Signature] 7/19/23 1130
Relinquished by: _____ Date/Time _____ Received by: [Signature]

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CHAIN-OF-CUSTODY RECORD



Eastern Analytical, Inc.
Professional Laboratory and Drilling Services

Sample ID Date Sampled Matrix aParameters

B-918M_20230711 | 7/11/2023 11:35 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

17°C, 4.5°C
2302186
2302187
EAID# 263351
Sample Notes

DUP-PFAS_20230711 | 7/11/2023 11:35 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-918D_20230711 | 7/11/2023 11:49 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-919U_20230711 | 7/11/2023 08:07 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

EAID# 263351 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 #: 60263 EAID# 263351

Data Deliverable (circle)
Excel NH EMD EQUIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.
Samples Collected by: Jan Plummer 7/17/23 1600 WOS
Relinquished by: WPS 07/18/23 1130
Received by: Jan Plummer
Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time _____

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CHAIN-OF-CUSTODY RECORD



Eastern Analytical, Inc.
Professional laboratory and drilling services

Sample ID Date Sampled Matrix aParameters

2307181
2307187 140210517 Sample Notes

EAIID# 263351

Page 4

B-919M_20230711 | 7/11/2023 14:38 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-919D_20230711 | 7/11/2023 09:15 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-924U_20230712 | 7/12/2023 12:30 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-927M_20230711 | 7/11/2023 10:29 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

EAIID# 263351 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 #: 60263 EAIID# 263351

Data Deliverable (circle)
Excel NH EMD EQUIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: [Signature] Date/Time: 7/17/23 1600 WPS
Relinquished by: [Signature] Date/Time: 07/19/23 1130 Received by: [Signature]
Relinquished by: _____ Date/Time: _____ Received by: _____

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CHAIN-OF-CUSTODY RECORD



Eastern Analytical, Inc.
Professional laboratory and drilling services

Sample ID _____ Date Sampled _____ Matrix _____ aParameters _____

2307184
2307184 1407/2012
EAI ID# 263351

Page 5

B-928U_20230711 | 7/11/2023 | 13:55 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-928D_20230711 | 7/11/2023 | 13:57 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-930U_20230712 | 7/12/2023 | 11:27 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

B-931U_20230712 | 7/12/2023 | 12:02 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified

EAI ID# 263351 Project State: NH

Project ID: 2089

Company Vista Analytical Laboratory
Address 1104 Windfield Way
Address EI 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 #: 60263 EAI ID# 263351

Data Deliverable (circle)
Excel NH EMD EQUIS MIEGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by: [Signature] Date/Time: 7/17/23 1600 UPS
Relinquished by: [Signature] Date/Time: 07/18/23 11:50 Received by: [Signature]
Relinquished by: _____ Date/Time: _____ Received by: _____

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CHAIN-OF-CUSTODY RECORD



Eastern Analytical, Inc.
Professional laboratory and drilling services

230718

EAI ID# 263351

Page 6

Sample ID _____ Date Sampled Matrix _____ aParameters _____

FB-PFAS-01_20230712 | 7/12/2023 | aqueous | Subcontract - Perfluorinated Compounds EPA Method 537 modified
13:00

230718 14-310103 Sample Notes

EAI ID# 263351 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 M/A MCP

Notes about project:

Email login confirmation, pdf of results and invoice to customer@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 #: 60263

EAI ID# 263351

Data Deliverable (circle)

Excel NH EMD EQUIS ME EGAD

Call prior to analyzing, if RUSH charges will be applied.

Samples Collected by:

[Signature] 7/17/23 1600 UPS
Relinquished by Date/Time Received by

[Signature] 7/17/23 1330 *[Signature]*
Relinquished by Date/Time Received by

Eastern Analytical, Inc. 51 Antim Ave Concord, NH 03301

Phone: (603)228-0525

1-800-287-0525

customer@easternanalytical.com

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PFAS DoD 25 Compounds

2307186

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
Perfluorohexanesulfonic acid	355-46-4	PFHxS
Perfluorohexanoic acid	307-24-4	PFHxA
Perfluorononane sulfonic acid	68259-12-1	PFNS
Perfluorononanoic 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



Page # 1 of 3

Work Order #: 2307186 TAT: Std

Samples Arrival:	Date/Time <u>07/18/23 1130</u>	Initials: <u>SPT</u>	Location: <u>WR-2</u>
			Shelf/Rack: <u>NA</u>
Delivered By:	FedEx	<u>(UPS)</u>	On Trac
		GLS	DHL
		Hand Delivered	Other
Preservation:	<u>(Ice)</u>	Blue Ice	Techni Ice
		Dry Ice	None
Temp °C: <u>0.5</u> (uncorrected)	Probe used: <u>Y / (N)</u>		Thermometer ID: <u>IR-3</u>
Temp °C: <u>2.9</u> (corrected)			

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Custody Seals Intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Airbill (<u>063</u>) Trk # <u>1Z X46 599 01 9900 7820</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Documentation Present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shipping Container	<u>(Enthalpy)</u>	Client	<u>(Retain)</u>
	Return	Dispose	
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/> <u>(A)</u>	<input type="checkbox"/>	<input type="checkbox"/>
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Holding Time Acceptable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logged In:	Date/Time <u>07/18/23 13:12</u>	Initials: <u>16</u>	Location: <u>WR-13, WR-2</u>
			Shelf/Rack: <u>A-2, F-4</u>
COC Anomaly/Sample Acceptance Form completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: (A) Ice is melted
(A) original w/c in cooler 3

Sample Log-In Checklist



Page # 2 of 3

Work Order #: 2307186 ~~2307187~~ 1/10/23 TAT Std

Samples Arrival:	Date/Time <u>07/10/23 1130</u>		Initials: <u>SPH</u>		Location: <u>WR-2</u>		
	Shelf/Rack: <u>NA</u>						
Delivered By:	FedEx	<u>UPS</u>	On Trac	GLS	DHL	Hand Delivered	Other
Preservation:	<u>Ice</u> (A)		Blue Ice	Techni Ice	Dry Ice	None	
Temp °C: <u>0.3</u> (uncorrected)	Probe used: Y / (N)			Thermometer ID: <u>IR-3</u>			
Temp °C: <u>1.7</u> (corrected)							

	YES	NO	NA
Shipping Container(s) Intact?	/		
Shipping Custody Seals Intact?		/	/
Airbill <u>2 of 3</u> Trk # <u>1Z X46 599 01 9919 3432</u>	//		
Shipping Documentation Present?	/		
Shipping Container	<u>Enthalpy</u>	Client	<u>Retain</u>
Chain of Custody / Sample Documentation Present?	/ (B)		
Chain of Custody / Sample Documentation Complete?	/		
Holding Time Acceptable?	/		

Logged In:	Date/Time <u>07/11/23 13:12</u>		Initials: <u>162</u>		Location: <u>R-13, WR-2</u>		
	Shelf/Rack: <u>A-2, F-4</u>						
COC Anomaly/Sample Acceptance Form completed?				/			

Comments: (A) Ice is melted
(B) original COC in cooler 3

Sample Log-In Checklist



Page # 2 of 2

Work Order #: 2307186

2307186 10-07/2-127

TAT SJ2

Samples Arrival:	Date/Time 07/19/23 11:30		Initials: SPH		Location: WR-2			Shelf/Rack: NA	
Delivered By:	FedEx	<input checked="" type="checkbox"/> UPS	On Trac	GLS	DHL	Hand Delivered	Other		
Preservation:	<input checked="" type="checkbox"/> Ice		Blue Ice		Techni Ice	Dry Ice	None		
Temp °C: 3.1 (uncorrected)	Probe used: Y <input checked="" type="checkbox"/> N		Thermometer ID: IR-3						
Temp °C: 4.5 (corrected)									

	YES	NO	NA
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Airbill <u>3 of 3</u> Trk # <u>12X46 599 01 91567 2047</u>	<input checked="" type="checkbox"/>		
Shipping Documentation Present?	<input checked="" type="checkbox"/>		
Shipping Container	<input checked="" type="checkbox"/> Enthalpy	Client	<input checked="" type="checkbox"/> Retain
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>		
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>		
Holding Time Acceptable?	<input checked="" type="checkbox"/>		
Logged In:	Date/Time 07/18/23 13:12	Initials: 1/2	Location: R-13, WR-2 Shelf/Rack: A-2, P-4
COC Anomaly/Sample Acceptance Form completed?	<input checked="" type="checkbox"/>		

Comments:

CoC/Label Reconciliation Report WO# 2307186

LabNumber	CoC Sample ID	Sample Alias	Sample Date/Time	Container	BaseMatrix	Sample Comments
C1	2307186-01 A-B-304UR_20230711	263351	11-Jul-23 12:55	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-01 B-B-304UR_20230711	263351	11-Jul-23 12:55	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-02 A-B-304DR_20230711	263351	11-Jul-23 13:08	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-02 B-B-304DR_20230711	263351	11-Jul-23 13:08	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-03 A-MW-604_20230711	263351	11-Jul-23 14:22	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-03 B-MW-604_20230711	263351	11-Jul-23 14:22	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-04 A-MW-701_20230712	263351	12-Jul-23 08:06	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-04 B-MW-701_20230712	263351	12-Jul-23 08:06	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-05 A-MW-802_20230712	263351	12-Jul-23 09:33	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-05 B-MW-802_20230712	263351	12-Jul-23 09:33	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-06 A-B-915U_20230711	263351	11-Jul-23 15:27	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-06 B-B-915U_20230711	263351	11-Jul-23 15:27	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-07 A-B-915M_20230711	263351	11-Jul-23 15:30	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-07 B-B-915M_20230711	263351	11-Jul-23 15:30	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-08 A-B-918U_20230711	263351	11-Jul-23 11:14	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-08 B-B-918U_20230711	263351	11-Jul-23 11:14	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-09 A-B-918M_20230711	263351	11-Jul-23 11:35	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-09 B-B-918M_20230711	263351	11-Jul-23 11:35	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-10 A-DUP-PFAS_20230711	263351	11-Jul-23 11:35	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-10 B-DUP-PFAS_20230711	263351	11-Jul-23 11:35	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-11 A-B-918D_20230711	263351	11-Jul-23 11:49	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-11 B-B-918D_20230711	263351	11-Jul-23 11:49	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-12 A-B-919U_20230711	263351	11-Jul-23 08:07	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-12 B-B-919U_20230711	263351	11-Jul-23 08:07	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-13 A-B-919M_20230711	263351	11-Jul-23 14:38	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-13 B-B-919M_20230711	263351	11-Jul-23 14:38	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-14 A-B-919D_20230711	263351	11-Jul-23 09:15	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>
	2307186-14 B-B-919D_20230711	263351	11-Jul-23 09:15	Polypropylene, 250mL	Aqueous	<input checked="" type="checkbox"/>

2307186-15	A B-924U_20230712	<input type="checkbox"/>	263351	12-Jul-23 12:30	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-15	B B-924U_20230712	<input type="checkbox"/>	263351	12-Jul-23 12:30	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-16	A B-927M_20230711	<input type="checkbox"/>	263351	11-Jul-23 10:29	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-16	B B-927M_20230711	<input type="checkbox"/>	263351	11-Jul-23 10:29	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-17	A B-928U_20230711	<input type="checkbox"/>	263351	11-Jul-23 13:55	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-17	B B-928U_20230711	<input type="checkbox"/>	263351	11-Jul-23 13:55	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-18	A B-928D_20230711	<input type="checkbox"/>	263351	11-Jul-23 13:57	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-18	B B-928D_20230711	<input type="checkbox"/>	263351	11-Jul-23 13:57	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-19	A B-930U_20230712	<input type="checkbox"/>	263351	12-Jul-23 11:27	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-19	B B-930U_20230712	<input type="checkbox"/>	263351	12-Jul-23 11:27	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-20	A B-931U_20230712	<input type="checkbox"/>	263351	12-Jul-23 12:02	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-20	B B-931U_20230712	<input type="checkbox"/>	263351	12-Jul-23 12:02	<input type="checkbox"/>	Polypropylene, 250mL	Aqueous
2307186-21	A FB-PEAS-01_20230712	<input type="checkbox"/>	263351	12-Jul-23 13:00	<input type="checkbox"/>	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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample Custody Seals Intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Sample Volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Container Type Appropriate for Analysis(es)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Preservation Documented: Na2S2O3 NH4CH3CO2 None Other

Verified by/Date: SAT 07/20/23
 LW 07/20/23
 TG
 TB
 TD

Comments:
 (A) Underlined portion not present on sample label
 (B) in 5% Part. Colate
 (C) in 20% Part. Colate
 (D) in 10% Part. Colate
 (E) no Backup bottle
 (F) Sample label ID: FB-01



ANOMALY FORM

Work Order # 2307186

Initial/Date The following checked issues were noted during sample receipt and login:

- 1. The samples were received out of temperature at (WI-PHT): _____
Was Ice present: Yes No Melted Blue Ice
- 2. The Chain-of-Custody (CoC) was not relinquished properly.
- 3. The CoC did not include collection time(s). 00:00 will be used unless notified otherwise.
- 4. The sample(s) did not include a sample collection time. All or Sample Name: _____
- 19071907 5. A sample ID discrepancy was found. See the Reconciliation report.
The CoC Sample ID will be used unless notified otherwise.
- 6. A sample date and/or time discrepancy was found. See the Reconciliation report.
The CoC Sample date/time will be used unless notified otherwise.
- 7. The CoC did not include a sample matrix. The following sample matrix will be used: _____
- 8. Insufficient volume received for analysis. All or Sample Name: _____
- 9. The backup bottle was received broken. Sample Name: _____
- 10. CoC not received, illegible or destroyed.
- 11. The sample(s) were received out of holding time. All or Sample Name: _____
- 12. The CoC did not include an analysis. All or Sample Name: _____
- 13. Sample(s) received without collection date. All or Sample Name: _____
- 14. Sample(s) not received. All or Sample Name: _____
- 15. Sample(s) received broken. All or Sample Name: _____
- 16. An incorrect container-type was used. All or Sample Name: _____
- 17. The Field Reagent Blank (FRB) preservative was from a different lot than the field samples.
Will proceed with analysis and narrate unless notified otherwise.
- 18. Other: _____

Bolded items require sign-off

Client Contacted: _____

Date of Contact: _____

Lab Project Manager: _____

Resolution:

Matt Estabrooks
Sanborn, Head & Associates, Inc. (NH)
6 Bedford Farms Drive, Suite 201
Bedford, NH 03110



Laboratory Report for:

Eastern Analytical, Inc. ID: 263350
Client Identification: NCES | Surface Water / 2637.10
Date Received: 7/13/2023

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

7.25.23
Date



SAMPLE CONDITIONS PAGE

EAI ID#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Temperature upon receipt (°C): 3.1

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)
263350.01	S-1_20230712	7/13/23	7/12/23 14:46	aqueous		Adheres to Sample Acceptance Policy
263350.02	SF-1_20230712	7/13/23	7/12/23 13:10	aqueous		Adheres to Sample Acceptance Policy
263350.03	S-101_20230712	7/13/23	7/12/23 14:53	aqueous		Adheres to Sample Acceptance Policy
263350.04	S-108_20230712	7/13/23	7/12/23 14:26	aqueous		Adheres to Sample Acceptance Policy
263350.05	S-109_20230712	7/13/23	7/12/23 14:10	aqueous		Adheres to Sample Acceptance Policy
263350.06	AR-1_20230712	7/13/23	7/12/23 13:23	aqueous		Adheres to Sample Acceptance Policy
263350.07	AR-2_20230712	7/13/23	7/12/23 13:33	aqueous		Adheres to Sample Acceptance Policy
263350.08	AR-3_20230712	7/13/23	7/12/23 13:56	aqueous		Adheres to Sample Acceptance Policy
263350.09	TB-SW-01_20230712	7/13/23	7/12/23 15:15	aqueous		Adheres to Sample Acceptance Policy
263350.1	TB-LL-SW-01_20230712	7/13/23	7/12/23 15:15	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- *Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.*
- *Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.*
- *Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.*
- *Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.*



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF-1_20230712	S-101_20230712	S-108_20230712
Lab Sample ID:	263350.01	263350.02	263350.03	263350.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF-1_20230712	S-101_20230712	S-108_20230712
Lab Sample ID:	263350.01	263350.02	263350.03	263350.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	92 %R	92 %R	92 %R	91 %R
1,2-Dichlorobenzene-d4 (surr)	102 %R	102 %R	102 %R	102 %R
Toluene-d8 (surr)	105 %R	106 %R	105 %R	105 %R
1,2-Dichloroethane-d4 (surr)	109 %R	108 %R	111 %R	107 %R



LABORATORY REPORT

EAI ID#: 263350

Client: Sanborn, Head & Associates, Inc. (NH)

Client Designation: NCES | Surface Water / 2637.10

Sample ID:	S-109_20230712	AR-1_20230712	AR-2_20230712	AR-3_20230712
Lab Sample ID:	263350.05	263350.06	263350.07	263350.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Dichlorodifluoromethane	< 2	< 2	< 2	< 2
Chloromethane	< 2	< 2	< 2	< 2
Vinyl chloride	< 1	< 1	< 1	< 1
Bromomethane	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 2	< 2	< 2	< 2
Diethyl Ether	< 2	< 2	< 2	< 2
Acetone	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butyl Alcohol (TBA)	< 30	< 30	< 30	< 30
Methylene chloride	< 1	< 1	< 1	< 1
Carbon disulfide	< 2	< 2	< 2	< 2
Methyl-t-butyl ether(MTBE)	< 1	< 1	< 1	< 1
Ethyl-t-butyl ether(ETBE)	< 2	< 2	< 2	< 2
Isopropyl ether(DIPE)	< 2	< 2	< 2	< 2
tert-amyl methyl ether(TAME)	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1
2,2-Dichloropropane	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1
2-Butanone(MEK)	< 10	< 10	< 10	< 10
Bromochloromethane	< 1	< 1	< 1	< 1
Tetrahydrofuran(THF)	< 10	< 10	< 10	< 10
Chloroform	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1
1,1-Dichloropropene	< 1	< 1	< 1	< 1
Benzene	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1
Dibromomethane	< 1	< 1	< 1	< 1
Bromodichloromethane	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone(MIBK)	< 10	< 10	< 10	< 10
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1
2-Hexanone	< 10	< 10	< 10	< 10
Tetrachloroethene	< 1	< 1	< 1	< 1
1,3-Dichloropropane	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1
1,2-Dibromoethane(EDB)	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	< 1	< 1	< 1	< 1



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-109_20230712	AR-1_20230712	AR-2_20230712	AR-3_20230712
Lab Sample ID:	263350.05	263350.06	263350.07	263350.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
Analyst:	SG	SG	SG	SG
Method:	8260C	8260C	8260C	8260C
Dilution Factor:	1	1	1	1
Ethylbenzene	< 1	< 1	< 1	< 1
mp-Xylene	< 1	< 1	< 1	< 1
o-Xylene	< 1	< 1	< 1	< 1
Styrene	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 2
IsoPropylbenzene	< 1	< 1	< 1	< 1
Bromobenzene	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	< 1	< 1	< 1	< 1
2-Chlorotoluene	< 1	< 1	< 1	< 1
4-Chlorotoluene	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	< 1	< 1	< 1	< 1
tert-Butylbenzene	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	< 1	< 1	< 1	< 1
sec-Butylbenzene	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1
p-Isopropyltoluene	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1
n-Butylbenzene	< 1	< 1	< 1	< 1
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2
1,3,5-Trichlorobenzene	< 1	< 1	< 1	< 1
1,2,4-Trichlorobenzene	< 1	< 1	< 1	< 1
Hexachlorobutadiene	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromofluorobenzene (surr)	92 %R	92 %R	92 %R	92 %R
1,2-Dichlorobenzene-d4 (surr)	102 %R	101 %R	103 %R	102 %R
Toluene-d8 (surr)	106 %R	105 %R	104 %R	104 %R
1,2-Dichloroethane-d4 (surr)	111 %R	109 %R	110 %R	112 %R



LABORATORY REPORT

EAI ID#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID: TB-SW-01_20230712

Lab Sample ID: 263350.09
Matrix: aqueous
Date Sampled: 7/12/23
Date Received: 7/13/23
Units: ug/L
Date of Analysis: 7/13/23
Analyst: SG
Method: 8260C
Dilution Factor: 1

Dichlorodifluoromethane	< 2
Chloromethane	< 2
Vinyl chloride	< 1
Bromomethane	< 2
Chloroethane	< 2
Trichlorofluoromethane	< 2
Diethyl Ether	< 2
Acetone	< 10
1,1-Dichloroethene	< 0.5
tert-Butyl Alcohol (TBA)	< 30
Methylene chloride	< 1
Carbon disulfide	< 2
Methyl-t-butyl ether(MTBE)	< 1
Ethyl-t-butyl ether(ETBE)	< 2
Isopropyl ether(DIPE)	< 2
tert-amyl methyl ether(TAME)	< 2
trans-1,2-Dichloroethene	< 1
1,1-Dichloroethane	< 1
2,2-Dichloropropane	< 1
cis-1,2-Dichloroethene	< 1
2-Butanone(MEK)	< 10
Bromochloromethane	< 1
Tetrahydrofuran(THF)	< 10
Chloroform	< 1
1,1,1-Trichloroethane	< 1
Carbon tetrachloride	< 1
1,1-Dichloropropene	< 1
Benzene	< 1
1,2-Dichloroethane	< 1
Trichloroethene	< 1
1,2-Dichloropropane	< 1
Dibromomethane	< 1
Bromodichloromethane	< 0.5
1,4-Dioxane	< 50
4-Methyl-2-pentanone(MIBK)	< 10
cis-1,3-Dichloropropene	< 0.5
Toluene	< 1
trans-1,3-Dichloropropene	< 0.5
1,1,2-Trichloroethane	< 1
2-Hexanone	< 10
Tetrachloroethene	< 1
1,3-Dichloropropane	< 1
Dibromochloromethane	< 1
1,2-Dibromoethane(EDB)	< 0.5
Chlorobenzene	< 1
1,1,1,2-Tetrachloroethane	< 1



LABORATORY REPORT

EAI ID#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID: TB-SW-01_20230712

Lab Sample ID: 263350.09
Matrix: aqueous
Date Sampled: 7/12/23
Date Received: 7/13/23
Units: ug/L
Date of Analysis: 7/13/23
Analyst: SG
Method: 8260C
Dilution Factor: 1

Ethylbenzene	< 1
mp-Xylene	< 1
o-Xylene	< 1
Styrene	< 1
Bromoform	< 2
IsoPropylbenzene	< 1
Bromobenzene	< 1
1,1,2,2-Tetrachloroethane	< 1
1,2,3-Trichloropropane	< 0.5
n-Propylbenzene	< 1
2-Chlorotoluene	< 1
4-Chlorotoluene	< 1
1,3,5-Trimethylbenzene	< 1
tert-Butylbenzene	< 1
1,2,4-Trimethylbenzene	< 1
sec-Butylbenzene	< 1
1,3-Dichlorobenzene	< 1
p-Isopropyltoluene	< 1
1,4-Dichlorobenzene	< 1
1,2-Dichlorobenzene	< 1
n-Butylbenzene	< 1
1,2-Dibromo-3-chloropropane	< 2
1,3,5-Trichlorobenzene	< 1
1,2,4-Trichlorobenzene	< 1
Hexachlorobutadiene	< 0.5
Naphthalene	< 2
1,2,3-Trichlorobenzene	< 0.5
4-Bromofluorobenzene (surr)	93 %R
1,2-Dichlorobenzene-d4 (surr)	102 %R
Toluene-d8 (surr)	105 %R
1,2-Dichloroethane-d4 (surr)	110 %R



QC REPORT

EAI ID#: 263350

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638248-49483/A071323V82601

Client Designation: NCES | Surface Water / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Dichlorodifluoromethane	< 2	20 (101 %R)	19 (97 %R) (3 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Chloromethane	< 2	21 (106 %R)	21 (104 %R) (2 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Vinyl chloride	< 1	20 (99 %R)	19 (95 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromomethane	< 2	13 (63 %R)	13 (63 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Chloroethane	< 2	17 (87 %R)	17 (84 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Trichlorofluoromethane	< 2	18 (91 %R)	18 (88 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Diethyl Ether	< 2	18 (92 %R)	18 (89 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Acetone	< 10	17 (84 %R)	17 (83 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
1,1-Dichloroethene	< 0.5	21 (105 %R)	21 (104 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-Butyl Alcohol (TBA)	< 30	96 (96 %R)	98 (98 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Methylene chloride	< 1	19 (97 %R)	19 (96 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Carbon disulfide	< 2	21 (104 %R)	21 (104 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Methyl-t-butyl ether(MTBE)	< 1	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Ethyl-t-butyl ether(ETBE)	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Isopropyl ether(DIPE)	< 2	21 (104 %R)	20 (102 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-amyl methyl ether(TAME)	< 2	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
trans-1,2-Dichloroethene	< 1	20 (99 %R)	20 (98 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1-Dichloroethane	< 1	21 (107 %R)	21 (105 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2,2-Dichloropropane	< 1	22 (109 %R)	22 (108 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
cis-1,2-Dichloroethene	< 1	21 (103 %R)	20 (102 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Butanone(MEK)	< 10	18 (92 %R)	18 (91 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Bromochloromethane	< 1	19 (96 %R)	19 (94 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Tetrahydrofuran(THF)	< 10	17 (85 %R)	17 (86 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Chloroform	< 1	20 (102 %R)	20 (99 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,1-Trichloroethane	< 1	21 (103 %R)	21 (103 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Carbon tetrachloride	< 1	21 (106 %R)	21 (107 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1-Dichloropropene	< 1	20 (102 %R)	20 (102 %R) (0 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Benzene	< 1	20 (100 %R)	19 (97 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichloroethane	< 1	20 (99 %R)	19 (96 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Trichloroethene	< 1	20 (98 %R)	19 (97 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichloropropane	< 1	20 (101 %R)	20 (99 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Dibromomethane	< 1	19 (97 %R)	19 (94 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromodichloromethane	< 0.5	20 (102 %R)	20 (100 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,4-Dioxane	< 50	< 50 (86 %R)	< 50 (88 %R) (2 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
4-Methyl-2-pentanone(MIBK)	< 10	19 (95 %R)	19 (95 %R) (0 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
cis-1,3-Dichloropropene	< 0.5	20 (102 %R)	20 (101 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Toluene	< 1	22 (109 %R)	21 (106 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
trans-1,3-Dichloropropene	< 0.5	25 (124 %R)	24 (120 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,2-Trichloroethane	< 1	22 (109 %R)	21 (105 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Hexanone	< 10	22 (109 %R)	22 (108 %R) (1 RPD)	7/13/2023	ug/L	40 - 160	20	8260C
Tetrachloroethene	< 1	21 (105 %R)	20 (102 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3-Dichloropropane	< 1	22 (108 %R)	21 (104 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Dibromochloromethane	< 1	22 (108 %R)	21 (105 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dibromoethane(EDB)	< 0.5	21 (107 %R)	20 (102 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Chlorobenzene	< 1	21 (106 %R)	20 (102 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,1,2-Tetrachloroethane	< 1	22 (111 %R)	21 (107 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C



QC REPORT

EAI ID#: 263350

Client: Sanborn, Head & Associates, Inc. (NH)

Batch ID: 638248-49483/A071323V82601

Client Designation: NCES | Surface Water / 2637.10

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
Ethylbenzene	< 1	23 (115 %R)	22 (112 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
mp-Xylene	< 1	47 (118 %R)	46 (114 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
o-Xylene	< 1	23 (116 %R)	22 (112 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Styrene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromoform	< 2	22 (110 %R)	21 (106 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
IsoPropylbenzene	< 1	22 (109 %R)	21 (105 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Bromobenzene	< 1	21 (103 %R)	20 (98 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,1,2,2-Tetrachloroethane	< 1	22 (108 %R)	21 (104 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichloropropane	< 0.5	20 (101 %R)	20 (98 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
n-Propylbenzene	< 1	23 (113 %R)	22 (110 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
2-Chlorotoluene	< 1	22 (110 %R)	21 (105 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
4-Chlorotoluene	< 1	22 (112 %R)	21 (107 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3,5-Trimethylbenzene	< 1	22 (111 %R)	22 (108 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
tert-Butylbenzene	< 1	22 (111 %R)	21 (106 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,4-Trimethylbenzene	< 1	24 (120 %R)	23 (115 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
sec-Butylbenzene	< 1	24 (119 %R)	23 (115 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3-Dichlorobenzene	< 1	22 (108 %R)	21 (103 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
p-Isopropyltoluene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,4-Dichlorobenzene	< 1	21 (105 %R)	20 (99 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dichlorobenzene	< 1	22 (108 %R)	21 (103 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
n-Butylbenzene	< 1	24 (118 %R)	23 (113 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2-Dibromo-3-chloropropane	< 2	24 (122 %R)	24 (121 %R) (1 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,3,5-Trichlorobenzene	< 1	22 (111 %R)	21 (106 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,4-Trichlorobenzene	< 1	22 (112 %R)	22 (108 %R) (4 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Hexachlorobutadiene	< 0.5	22 (109 %R)	21 (104 %R) (5 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
Naphthalene	< 2	25 (124 %R)	25 (123 %R) (2 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
1,2,3-Trichlorobenzene	< 0.5	24 (118 %R)	23 (114 %R) (3 RPD)	7/13/2023	ug/L	70 - 130	20	8260C
4-Bromofluorobenzene (surr)	94 %R	99 %R	100 %R	7/13/2023	% Rec	70 - 130	20	8260C
1,2-Dichlorobenzene-d4 (surr)	94 %R	96 %R	98 %R	7/13/2023	% Rec	70 - 130	20	8260C
Toluene-d8 (surr)	106 %R	107 %R	107 %R	7/13/2023	% 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#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF-1_20230712	S-101_20230712	S-108_20230712
Lab Sample ID:	263350.01	263350.02	263350.03	263350.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/13/23	7/13/23
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)	99 %R	100 %R	100 %R	98 %R
Toluene-d8 (surr)	99 %R	99 %R	99 %R	98 %R



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-109_20230712	AR-1_20230712	AR-2_20230712	AR-3_20230712
Lab Sample ID:	263350.05	263350.06	263350.07	263350.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Analysis:	7/13/23	7/13/23	7/14/23	7/14/23
Analyst:	MKB	MKB	MKB	MKB
Method:	8260B SIM	8260B SIM	8260B SIM	8260B SIM
Dilution Factor:	1	1	1	1
1,4-Dioxane	< 0.25	< 0.25	< 0.25	< 0.25
4-Bromofluorobenzene (surr)	98 %R	98 %R	94 %R	93 %R
Toluene-d8 (surr)	98 %R	98 %R	97 %R	97 %R



LABORATORY REPORT

EAI ID#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**
Client Designation: **NCES | Surface Water / 2637.10**

Sample ID: TB-LL-SW-01_20230712

Lab Sample ID: 263350.1
Matrix: aqueous
Date Sampled: 7/12/23
Date Received: 7/13/23
Units: ug/L
Date of Analysis: 7/13/23
Analyst: MKB
Method: 8260B SIM
Dilution Factor: 1
1,4-Dioxane < 0.25
4-Bromofluorobenzene (surr) 100 %R
Toluene-d8 (surr) 100 %R



QC REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638248-55201/A071323DIOX1

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,4-Dioxane	< 0.2	3.9 (79 %R)	4.3 (85 %R) (8 RPD)	7/13/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	98 %R	97 %R	99 %R	7/13/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	99 %R	99 %R	99 %R	7/13/2023	% 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#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638249-32391/A071423DIOX1

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)	5.0 (101 %R) (13 RPD)	7/14/2023	ug/L	70 - 130	20	8260B
4-Bromofluorobenzene (surr)	101 %R	98 %R	99 %R	7/14/2023	% Rec	70 - 130	50	8260B
Toluene-d8 (surr)	100 %R	99 %R	99 %R	7/14/2023	% 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#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF-1_20230712	S-101_20230712	S-108_20230712
Lab Sample ID:	263350.01	263350.02	263350.03	263350.04
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	7/17/23	7/17/23	7/17/23	7/17/23
Date of Analysis:	7/17/23	7/17/23	7/17/23	7/17/23
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)	80 %R	90 %R	91 %R	104 %R



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-109_20230712	AR-1_20230712	AR-2_20230712	AR-3_20230712
Lab Sample ID:	263350.05	263350.06	263350.07	263350.08
Matrix:	aqueous	aqueous	aqueous	aqueous
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23
Units:	ug/L	ug/L	ug/L	ug/L
Date of Extraction/Prep:	7/17/23	7/17/23	7/17/23	7/17/23
Date of Analysis:	7/17/23	7/17/23	7/17/23	7/17/23
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)	103 %R	86 %R	92 %R	87 %R



QC REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Batch ID: 638251-83103/A071723E5041

Client Designation: **NCES | Surface Water / 2637.10**

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
1,2-Dibromoethane(EDB)	< 0.02	0.11 (108 %R)	0.10 (104 %R) (4 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
Dibromochloropropane (DBCP)	< 0.02	0.10 (101 %R)	0.099 (99 %R) (2 RPD)	7/17/2023	ug/L	70 - 130	20	8011/504
1,1,1,2-Tetrachloroethane (surr)	100 %R	103 %R	100 %R	7/17/2023	% 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#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF-1_20230712	S-101_20230712						
Lab Sample ID:	263350.01	263350.02	263350.03						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/12/23	7/12/23	7/12/23						
Date Received:	7/13/23	7/13/23	7/13/23						
				Units	Analysis		Method		Analyst
Chloride	4.7	8.8	1.1	mg/L	07/13/23	15:49	4500CIE-11	ALM	
Nitrate-N	0.51	< 0.5	< 0.5	mg/L	07/13/23	15:49	353.2	ALM	
TKN	< 0.5	< 0.5	< 0.5	mg/L	07/19/23	19:05	4500N _{om} C/NH3D	PEN	
COD	< 10	< 10	< 10	mg/L	07/17/23	13:30	H8000	JCS	

Sample ID:	S-108_20230712	S-109_20230712	AR-1_20230712						
Lab Sample ID:	263350.04	263350.05	263350.06						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	7/12/23	7/12/23	7/12/23						
Date Received:	7/13/23	7/13/23	7/13/23						
				Units	Analysis		Method		Analyst
Chloride	6	5.5	3.1	mg/L	07/13/23	15:53	4500CIE-11	ALM	
Nitrate-N	< 0.5	< 0.5	< 0.5	mg/L	07/13/23	15:53	353.2	ALM	
TKN	< 0.5	< 0.5	< 0.5	mg/L	07/19/23	19:27	4500N _{om} C/NH3D	PEN	
COD	14	< 10	16	mg/L	07/17/23	13:30	H8000	JCS	



LABORATORY REPORT

EAI ID#: **263350**

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

Sample ID: AR-2_20230712 AR-3_20230712

Lab Sample ID: 263350.07 263350.08

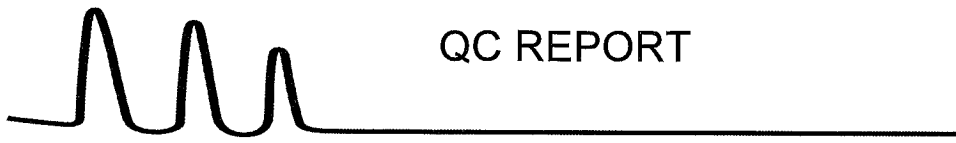
Matrix: aqueous aqueous

Date Sampled: 7/12/23 7/12/23

Date Received: 7/13/23 7/13/23

Chloride	3.2	3.2
Nitrate-N	< 0.5	< 0.5
TKN	< 0.5	< 0.5
COD	< 10	11

Units	Analysis		Method	Analyst
	Date	Time		
mg/L	07/13/23	15:57	4500CIE-11	ALM
mg/L	07/13/23	15:57	353.2	ALM
mg/L	07/19/23	19:35	4500N _{org} C/NH3D	PEN
mg/L	07/17/23	13:30	H8000	JCS



QC REPORT

EAI ID#: 263350

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 (106 %R)	26 (105 %R) (1 RPD)	mg/L	7/13/23	90 - 110	20	4500CIE-11
Nitrate-N	< 0.5	5.4 (108 %R)	5.3 (105 %R) (2 RPD)	mg/L	7/13/23	90 - 110	20	353.2
TKN	< 0.5	10 (103 %R)	10 (101 %R) (2 RPD)	mg/L	7/19/23	90 - 111	20	4500N _{org} C/NH3D-11
COD	< 10	100 (100 %R)	100 (102 %R) (2 RPD)	mg/L	7/17/23	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#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**
 Client Designation: **NCES | Surface Water / 2637.10**

Sample ID:	S-1_20230712	SF -1_20230712	S -101_20230712	S -108_20230712					
Lab Sample ID:	263350.01	263350.02	263350.03	263350.04					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23					
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23					
					Analytical Matrix	Units	Date of Analysis	Method	Analyst
Iron	0.091	8.8	0.27	2.3	AqTot	mg/L	7/18/23	200.8	DS
Manganese	0.046	0.85	0.013	2.0	AqTot	mg/L	7/18/23	200.8	DS

Sample ID:	S-109_20230712	AR -1_20230712	AR -2_20230712	AR -3_20230712					
Lab Sample ID:	263350.05	263350.06	263350.07	263350.08					
Matrix:	aqueous	aqueous	aqueous	aqueous					
Date Sampled:	7/12/23	7/12/23	7/12/23	7/12/23					
Date Received:	7/13/23	7/13/23	7/13/23	7/13/23					
					Analytical Matrix	Units	Date of Analysis	Method	Analyst
Iron	< 0.05	0.21	0.26	0.22	AqTot	mg/L	7/18/23	200.8	DS
Manganese	0.41	0.021	0.028	0.023	AqTot	mg/L	7/18/23	200.8	DS



QC REPORT

EAI ID#: 263350

Client: **Sanborn, Head & Associates, Inc. (NH)**

Client Designation: **NCES | Surface Water / 2637.10**

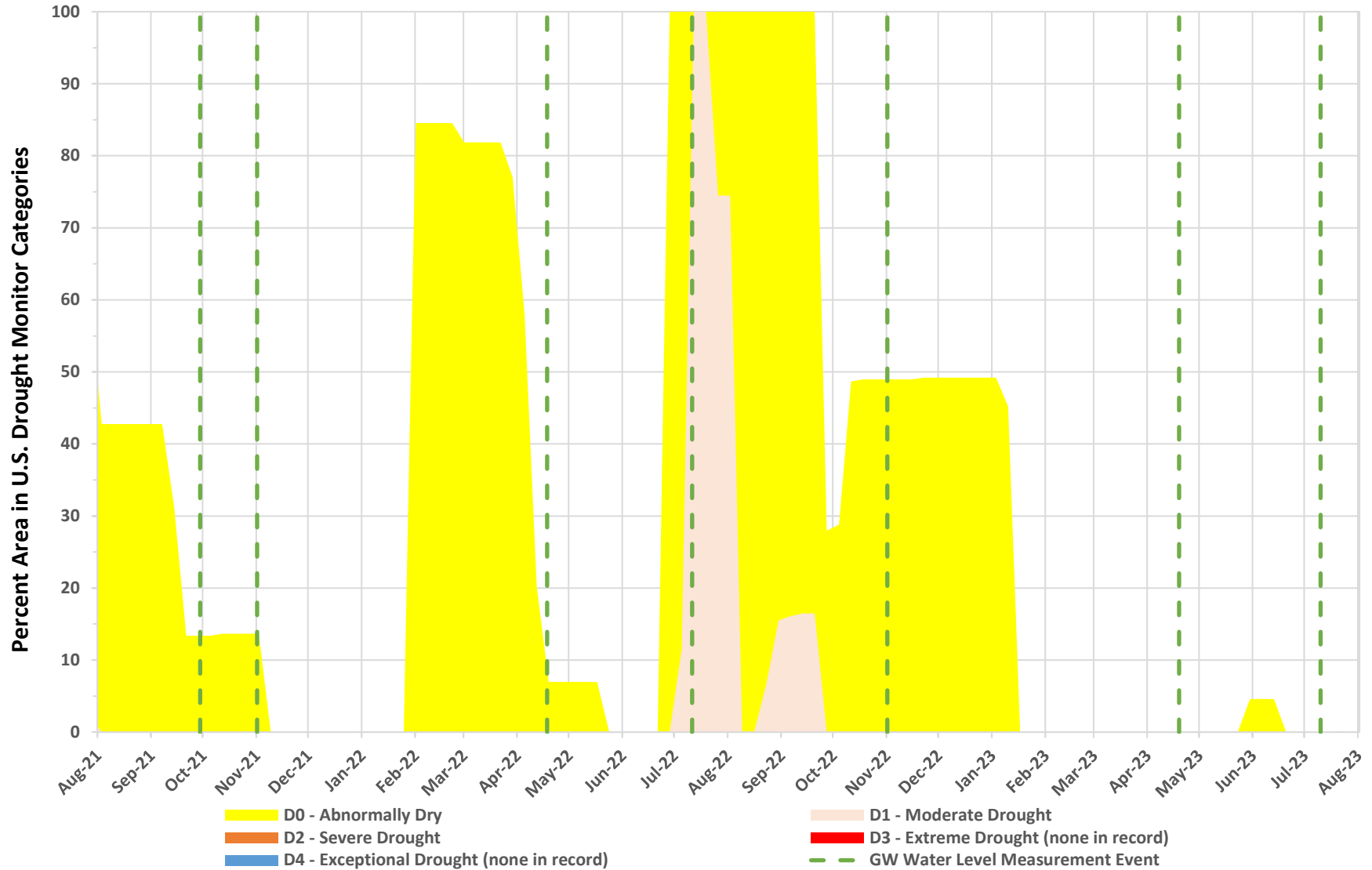
Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Iron	< 0.05	11 (109 %R)		NA mg/L	7/18/23	85 - 115	20	200.8
Manganese	< 0.005	0.39 (98 %R)		NA mg/L	7/18/23	85 - 115	20	200.8

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

Appendix G

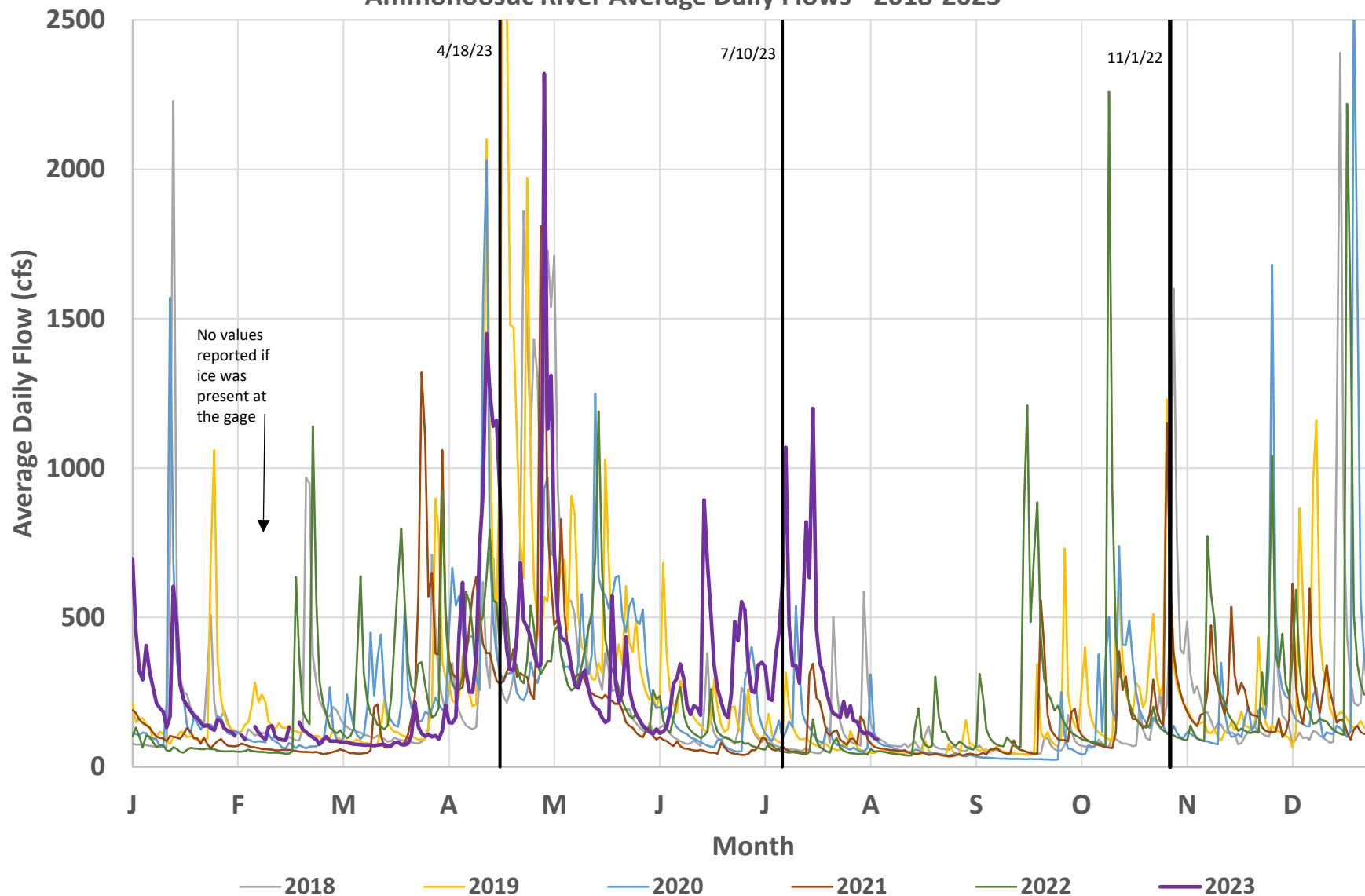
Precipitation Information

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: July 28, 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 August 8, 2023