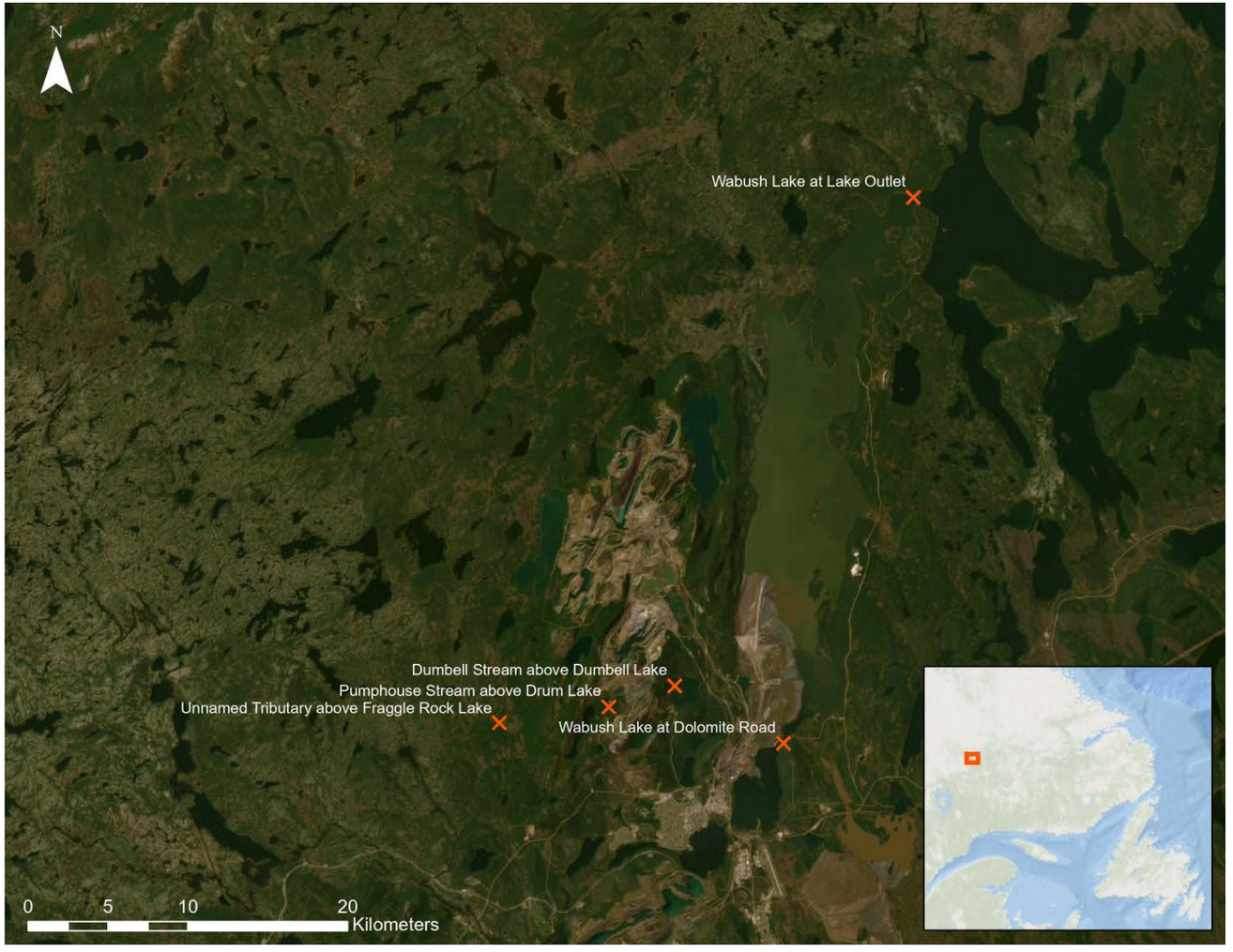
Real Time Water Quality Deployment Report
Iron Ore Company of Canada - Labrador West Network

2025-09-17 to 2025-10-23

Government of Newfoundland & Labrador
Department of Environment, Conservation & Climate Change
Water Resources Management Division

IOC - Labrador West Network



- The Water Resources Management Division, in partnership with the Iron Ore Company of Canada (IOC) and Environment and Climate Change Canada (ECCC), maintain a network of real-time water quality (RTWQ) and water quantity stations in Labrador West.
- For simplicity in this report, the stations *Wabush Lake at Dolomite Road* and *Wabush Lake at Lake Outlet* are hereafter referred to as **Dolomite Road** and **Julienne Narrows**, respectively. *Dumbell Stream above Dumbell Lake* is hereafter referred to as **Dumbell Stream**, *Pumphouse Stream above Drum Lake* as **Pumphouse Stream**, and *Unnamed Tributary above Fraggle Rock Lake* as **Fraggle Rock**.
- The stations on Wabush Lake are located upstream (Dolomite Road) and downstream (Julienne Narrows) of the IOC tailings disposal area.
- Water Resources Management Division staff monitor the real-time graphs regularly. They will inform IOC of any significant water quality events by email notification and by monthly deployment reports.

Station Name	Station Number	Latitutde	Longitude	Deployment Date	Removal Date
Dolomite Road	NF03OA0019	52.97	-66.86	Sep 17	Oct 22
Dumbell Stream	NF03OA0023	52.99	-66.92	Sep 17	Oct 23
Fraggle Rock	NF03OA0025	52.97	-67.02	Sep 17	Oct 23
Julienne Narrows	NF03OA0017	53.15	-66.79	Sep 17	Oct 22
Pumphouse Stream	NF03OA0024	52.98	-66.96	Sep 18	Oct 23

Quality Assurance and Quality Control Procedures

As part of the Quality Assurance and Quality Control protocol (QA/QC), an assessment of the reliability of data recorded by an instrument is made at the beginning and end of the deployment period. The procedure is based on the approach used by the United States Geological Survey. With the exception of water quantity data (stage), all data used in the preparation of the graphs and subsequent discussion adhere to this stringent QA/QC protocol. Corrected data can be obtained upon request.

Parameter	Excellent	Good	Fair	Marginal	Poor
Dissolved oxygen	≤ ± 0.3 mg/L	≤ ± 0.31 -0.5 mg/L	≤ ± 0.51 - 0.8 mg/L	≤ ± 0.81 - 1 mg/L	> ± 1 mg/L
pH	≤ ± 0.2 units	≤ ± 0.21 - 0.5 units	≤ ± 0.51 - 0.8 units	≤ ± 0.81 - 1 units	> ± 1 units
Specific Conductance	≤ ± 3 µS/cm or ≤ ± 3%, whichever is greater	≤ ± 3.1-10 µS/cm or ≤ ± 3.1-10%, whichever is greater	≤ ± 10 - 15 µS/cm or ≤ ± 10.1-15 %, whichever is greater	≤ ± 15.1 - 20 µS/cm or ≤ ± 15.1-20 %, whichever is greater	> ± 20 µS/cm or > ± 20 %, whichever is greater
Turbidity	≤ ± 2 turbidity units or ≤ ± 5%, whichever is greater	≤ ± 2.1-5 turbidity units or ≤ ± 5.1-10 %, whichever is greater	≤ ± 5.1-8 turbidity units or ≤ ± 10.1-15 %, whichever is greater	≤ ± 8.1-10 turbidity units or ≤ ± 15.1-20 %, whichever is greater	> ± 10 turbidity units or > ± 20 %, whichever is greater
Water Temperature	≤ ± 0.2°C	≤ ± 0.21 - 0.5°C	≤ ± 0.51 - 0.8°C	≤ ± 0.81 - 1°C	> ± 1°C

At deployment and removal, a QA/QC Sonde is temporarily deployed adjacent to the Field Sonde. Values for temperature, pH, conductivity, dissolved oxygen and turbidity are compared between the two instruments**.** Based on the degree of difference between parameters recorded by the Field Sonde and QA/QC Sonde at deployment and at removal, a qualitative statement is made on the data quality. There are a few circumstances which may cause QA/QC rankings below excellent, including the placement of the QA/QC sonde in relation to the field sonde, the amount of time each sonde was given to stabilize before readings were recorded, and deteriorating performance of one of the sensors.

The temperature sensor on any sonde is the most important. All other parameters can be divided into subgroups of: temperature dependent, temperature compensated, and temperature independent. Due to the temperature sensor's location on the sonde, the entire sonde must be at a constant temperature before the temperature sensor will stabilize. The values may take some time to climb to the appropriate reading; if a reading is taken too soon it may not accurately portray the water body.

Additionally, grab samples are collected during deployment to compare pH, specific conductivity and turbidity values between the field instrument and grab samples. Variability in results may be attributed to differences in the sampling location or depth relative to the sonde's deployment site or insufficient equilibration time for the sonde when initial field data was collected.

Deployment Notes

Due to a power issue, data was not available during the later portion of the deployment period for Dumbell Stream. This issue will be rectified ahead of the 2026 deployment season.

Hydrometric Data

Water Survey Canada operates the hydrometric components of most of these stations. Due to differences in protocols, Water Survey Canada hydrometric data is quality controlled on a less frequent basis than water quality data. The hydrometric data shown in this report is provisional and has not undergone quality control checks.

QAQC
Deployment Rankings

During deployment, most parameters across all stations ranked as *good* or *excellent*. Temperature ranked *marginal* at Dolomite Road. Dissolved oxygen ranked *poor* at Dumbell Stream and *fair* at Pumphouse Stream. Turbidity ranked *poor* at Julienne Narrows.

Grab sample rankings collected during deployment ranked as *good* or *excellent* for most parameters, indicating minimal differences between initial field sonde measurements and grab sample measurements. Grab sample ranking for turbidity at Dumbell Stream could not be ranked due to a non detect result. Turbidity ranked *poor* at Julienne Narrows. Conditions at deployment were turbid due to wind and wave action. Turbidity values were fluctuating greatly.

Upon removal, the majority of parameters at all stations ranked *good* or *excellent*. At Dolomite Road, pH and temperature ranked *fair* and *marginal,* respectively. Dissolved oxygen ranked *marginal* and *fair*, at Dumbell Stream and Pumphouse Stream. At Julienne Narrows, pH and temperature ranked *fair*. pH also ranked *fair* at Pumphouse Stream. As DO ranked *fair* at three sites, there may have been an issue with the QA/QC sonde.

There are a few circumstances which may cause less than ideal QA/QC rankings to be obtained. These include: the placement of the QA/QC sonde in relation to the field sonde; the amount of time each sonde was given to stabilize before readings were recorded; and deteriorating performance of one or more of the sensors.

QAQC Rankings

Station	Parameter	Deployment Rank	Grab Sample Deployment	Removal Rank
Dolomite Road	Dissolved Oxygen (mg/l)	Excellent	- -	Good
Dolomite Road	pH	Excellent	Excellent	Fair
Dolomite Road	Specific Conductivity (µS/cm)	Excellent	Excellent	Excellent
Dolomite Road	Temperature (°C)	Marginal	- -	Marginal
Dolomite Road	Turbidity (NTU)	Excellent	Good	Excellent
Dumbell Stream	Dissolved Oxygen (mg/l)	Poor	- -	Marginal
Dumbell Stream	pH	Good	Excellent	Good
Dumbell Stream	Specific Conductivity (µS/cm)	Excellent	Excellent	Excellent
Dumbell Stream	Temperature (°C)	Excellent	- -	Excellent
Dumbell Stream	Turbidity (NTU)	Excellent	Cannot Rank	Excellent
Fraggle Rock	Dissolved Oxygen (mg/l)	Good	- -	Good
Fraggle Rock	pH	Excellent	Excellent	Good
Fraggle Rock	Specific Conductivity (µS/cm)	Excellent	Excellent	Excellent
Fraggle Rock	Temperature (°C)	Excellent	- -	Excellent
Fraggle Rock	Turbidity (NTU)	Excellent	Excellent	Excellent
Julienne Narrows	Dissolved Oxygen (mg/l)	Excellent	- -	Excellent
Julienne Narrows	pH	Excellent	Excellent	Fair
Julienne Narrows	Specific Conductivity (µS/cm)	Good	Excellent	Excellent
Julienne Narrows	Temperature (°C)	Good	- -	Fair
Julienne Narrows	Turbidity (NTU)	Poor	Poor	Excellent
Pumphouse Stream	Dissolved Oxygen (mg/l)	Fair	- -	Fair
Pumphouse Stream	pH	Good	Good	Fair
Pumphouse Stream	Specific Conductivity (µS/cm)	Excellent	Good	Excellent
Pumphouse Stream	Temperature (°C)	Excellent	- -	Excellent
Pumphouse Stream	Turbidity (NTU)	Excellent	Good	Excellent

Water Temperature

Newfoundland Labrador

Deployment Period Statistics (°C)

Name	Average	Median	Minimum	Maximum
Dolomite Road	8.77	8.60	6.40	14.60
Dumbell Stream	3.65	3.54	2.09	6.41
Fraggle Rock	6.90	6.94	1.99	14.41
Julienne Narrows	8.88	8.60	3.80	16.50
Pumphouse Stream	4.76	4.50	1.90	11.60

Water temperatures across the network remained steady, with a slight decreasing trend overall throughout the deployment period at Julienne Narrows, Pumphouse Stream and Fraggle Rock. Decreases in water temperature correspond with decreasing air temperature into the fall. At Dolomite Road, water temperature also decreased, but did not fluctuate as greatly as observed at the other stations.

At Dumbell Stream, water temperatures were lower and didn't fluctuate as greatly. Water temperature at Dumbell Stream is usually lower than all other stations.

A natural daily cycle was also observed, with higher temperatures during the day and lower temperatures at night.

Water Temperature Station Graphs

pH

Newfoundland Labrador

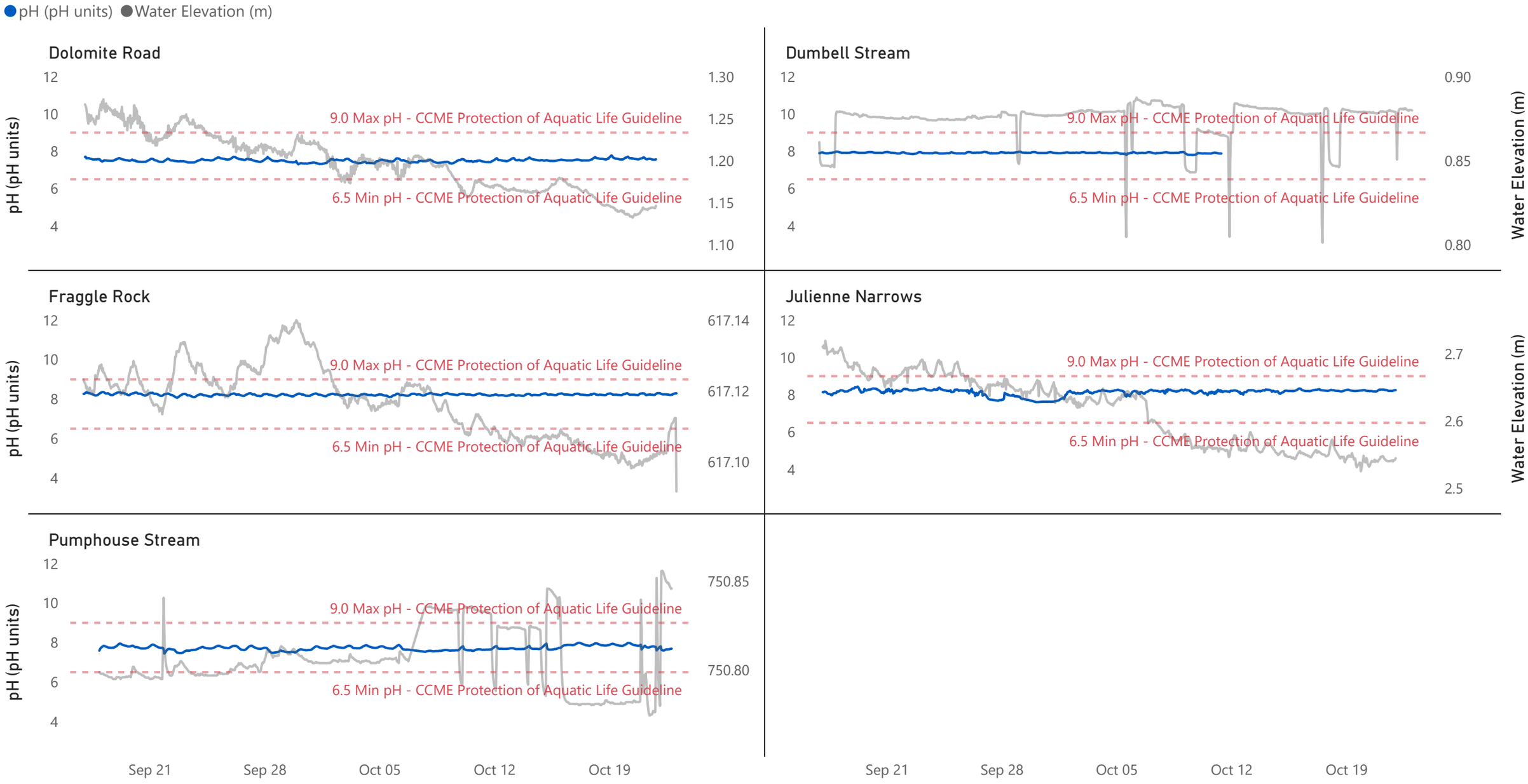
Deployment Period Statistics (pH Units)

Name	Average	Median	Minimum	Maximum
Dolomite Road	7.51	7.51	7.30	7.78
Dumbell Stream	7.91	7.92	7.80	7.98
Fraggle Rock	8.22	8.22	8.06	8.36
Julienne Narrows	8.13	8.20	7.61	8.44
Pumphouse Stream	7.73	7.73	7.44	7.99

pH relates to the free hydrogen ions in water, and it is a measure of acidity in water. pH is a critical parameter because it influences the solubility of minerals and chemicals, the availability of nutrients, and the biological processes that occur in aquatic ecosystems. The Canadian Council of Ministers of the Environment (CCME) Freshwater Aquatic Life guideline provides a basis by which to judge the overall health of the brook. Their freshwater guidelines recommend a minimum pH of 6.5 and a maximum pH of 9.0; however, many rivers in Newfoundland and Labrador are naturally more acidic due to the local geology.

pH remained stable and consistent at all stations, with small fluctuations likely resulting from precipitation events. Rainwater, with its naturally lower pH, temporarily dilutes the water column, causing a short-term decrease in pH. However, pH levels typically return to baseline within a few days to weeks. pH at all stations remained within the CCME Guidelines for the Protection of Aquatic Life for the entire deployment period. There were some notable fluctuations at Julienne Narrows between the end of September and first week of October.

pH Station Graphs



Specific Conductivity

Newfoundland Labrador

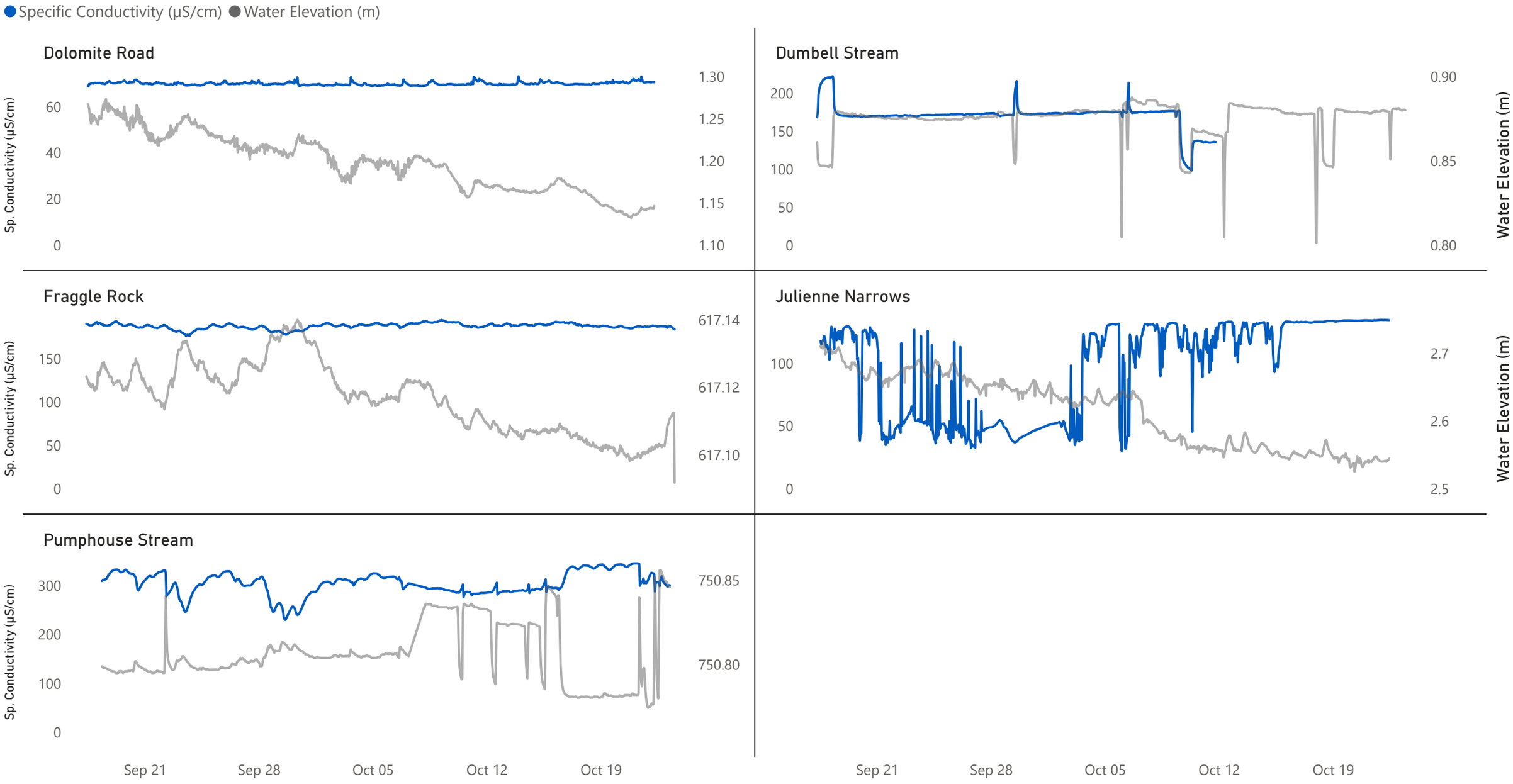
Deployment Period Statistics (µS/cm)

Name	Average	Median	Minimum	Maximum
Dolomite Road	69.97	69.80	68.80	73.10
Dumbell Stream	170.84	172.60	98.20	222.40
Fraggle Rock	187.74	188.10	175.94	194.86
Julienne Narrows	94.40	114.40	30.00	134.80
Pumphouse Stream	304.93	305.95	230.20	345.74

Specific conductivity is a common indicator of the concentration of dissolved ions in water, such as salts, acids, and bases. Higher concentrations of dissolved ions result in higher specific conductivity, while pure water exhibits low conductivity. Specific conductivity is often affected by precipitation. During precipitation events, rainwater can temporarily dilute the water column, resulting in a short-term decrease in conductivity. However, high precipitation events can also cause a temporary increase in conductivity if sediment from the bottom of the waterbody is disturbed around the sensor or if runoff carrying dissolved ions enters the water column.

Patterns in conductivity varied across this network. For the two stations located on Wabush Lake (Dolomite Road and Julienne Narrows), one station is situated upstream of the mine's tailings and the other is located downstream. This can explain the difference in variation between these two stations. Specific conductivity levels were relatively stable at Dolomite Road, Fraggle Rock and Dumbell Stream. With the smaller streams, fluctuations due to precipitation events are more pronounced. Pumphouse Stream is a good example of this; when elevation increased temporarily, conductivity decreased. Julienne Narrows showed significant fluctuations during deployment, likely due to wave action.

Specific Conductivity Station Graphs



Dissolved Oxygen

Deployment Period Statistics

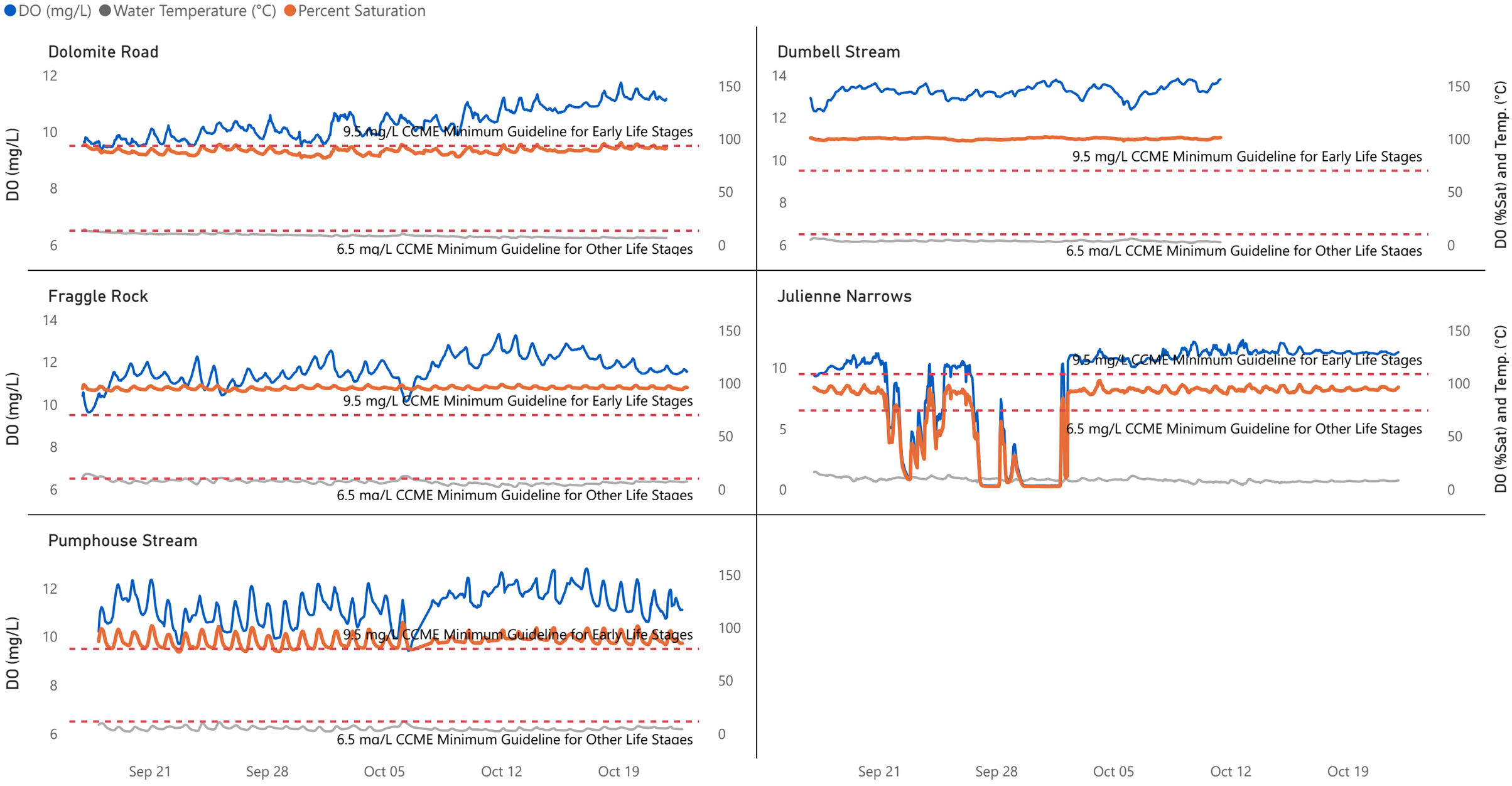
Name	Average (mg/L)	Average (% Sat.)	Median (mg/L)	Median (% Sat.)	Minimum (mg/L)	Minimum (% Sat.)	Maximum (mg/L)	Maximum (% Sat.)
Dolomite Road	10.33	88.70	10.26	88.70	9.34	82.00	11.74	96.30
Dumbell Stream	13.24	100.10	13.25	100.10	12.30	98.10	13.84	101.90
Fraggle Rock	11.64	95.47	11.60	95.28	9.62	92.35	13.32	98.85
Julienne Narrows	8.72	74.98	10.61	92.20	0.30	2.60	12.32	102.60
Pumphouse Stream	11.30	87.94	11.35	87.40	9.42	77.00	12.81	105.00

Dissolved oxygen (DO) is crucial for supporting aquatic life, and the CCME (Canadian Council of Ministers of the Environment) Freshwater Aquatic Life guidelines establish reference values to evaluate waterway health. The minimum DO guideline is 9.5 mg/L for early life stages in cold water species and 6.5 mg/L for other life stages. DO concentrations can fluctuate due to factors such as water temperature, atmospheric pressure, and the presence of other dissolved substances. Warmer water typically holds less dissolved oxygen than cooler water.

Throughout the monitoring period, DO concentrations remained above the Canadian Council of Ministers of the Environment (CCME) guideline for the protection of other life stages (6.5 mg/L) at most stations. At Julienne Narrows, levels fell below this guideline due to the instrument being buried. For the guideline for the protection of early life stages (9.5mg/L), the majority of values at most stations were above this guideline. DO levels increased at all stations as water temperature cooled into fall.

The pie charts on the following page give a quick view of the percentage of time that DO levels were below the specified guidelines at each station.

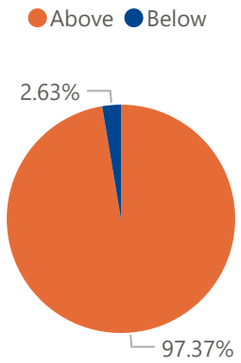
Dissolved Oxygen Station Graphs



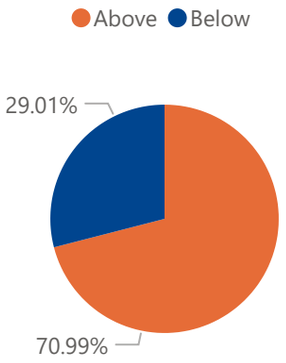
CCME Guidelines for the Protection of Aquatic Life for Dissolved Oxygen

CCME Early Life Stages Guideline of 9.5 mg/L

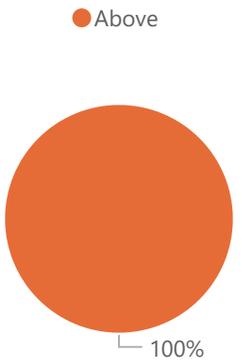
Dolomite Road



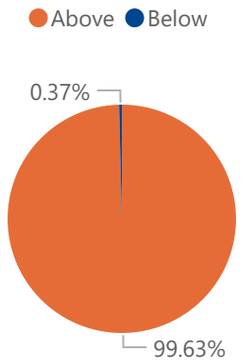
Julienne Narrows



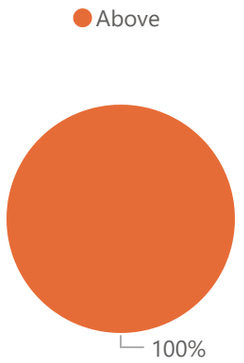
Dumbell Stream



Pumphouse Stream

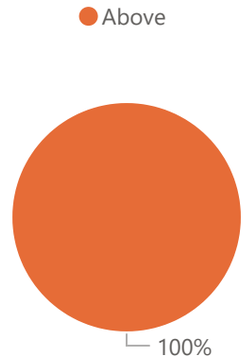


Fraggle Rock

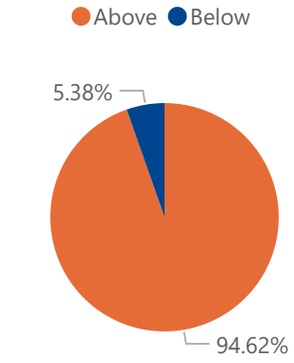


CCME Other Life Stages Guideline of 6.5 mg/L

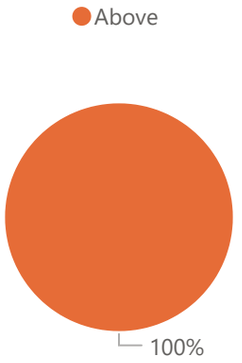
Dolomite Road



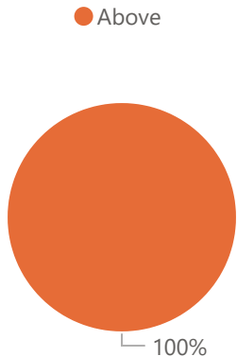
Julienne Narrows



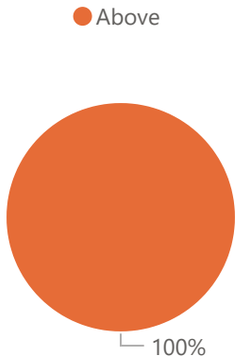
Dumbell Stream



Pumphouse Stream



Fraggle Rock



Turbidity

Newfoundland Labrador

Deployment Period Statistics (NTU)

Name	Average	Median	Minimum	Maximum
Dolomite Road	4.63	4.00	2.30	63.50
Dumbell Stream	0.57	0.40	0.00	60.60
Fraggle Rock	1.25	1.14	0.35	2.20
Julienne Narrows	8.17	1.80	0.60	374.20
Pumphouse Stream	1.89	1.10	-0.30	29.60

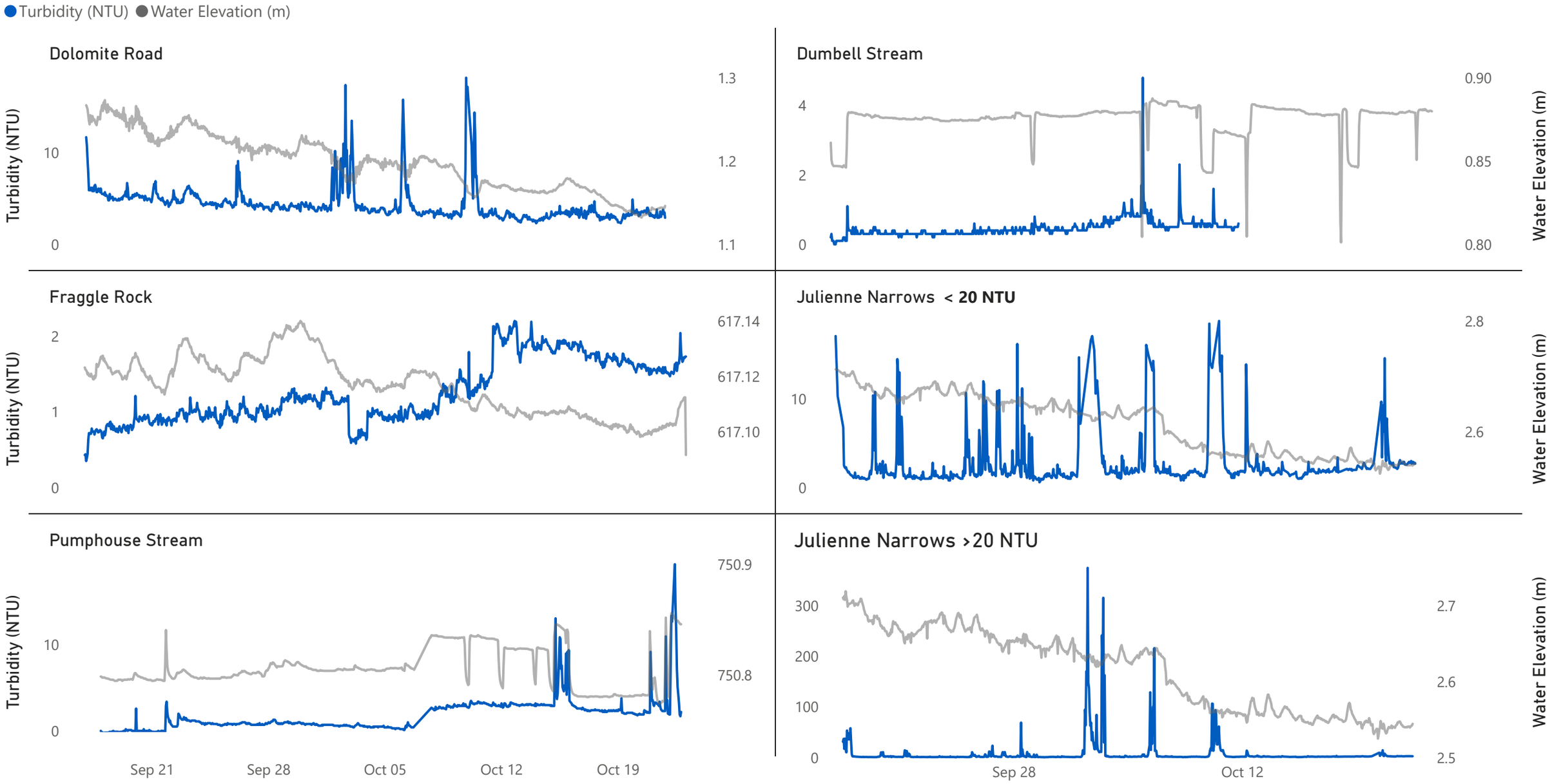
Turbidity, a measure of water cloudiness, often increases during precipitation events as runoff carries silt and debris into the waterbody. High turbidity values can reduce light penetration for aquatic plants, disrupt benthic habitats and potentially harm fish gills or damage monitoring equipment.

Throughout the deployment period, turbidity levels remained generally low at all stations, indicating clear water conditions. Precipitation events can cause increases in water levels, resulting in short-term turbidity spikes. Values typically return to baseline within a few days.

A second graph for Julienne Narrows is included to show all data as there were a few large spikes.

Turbidity Station Graphs

Newfoundland Labrador



Water Elevation or Stage

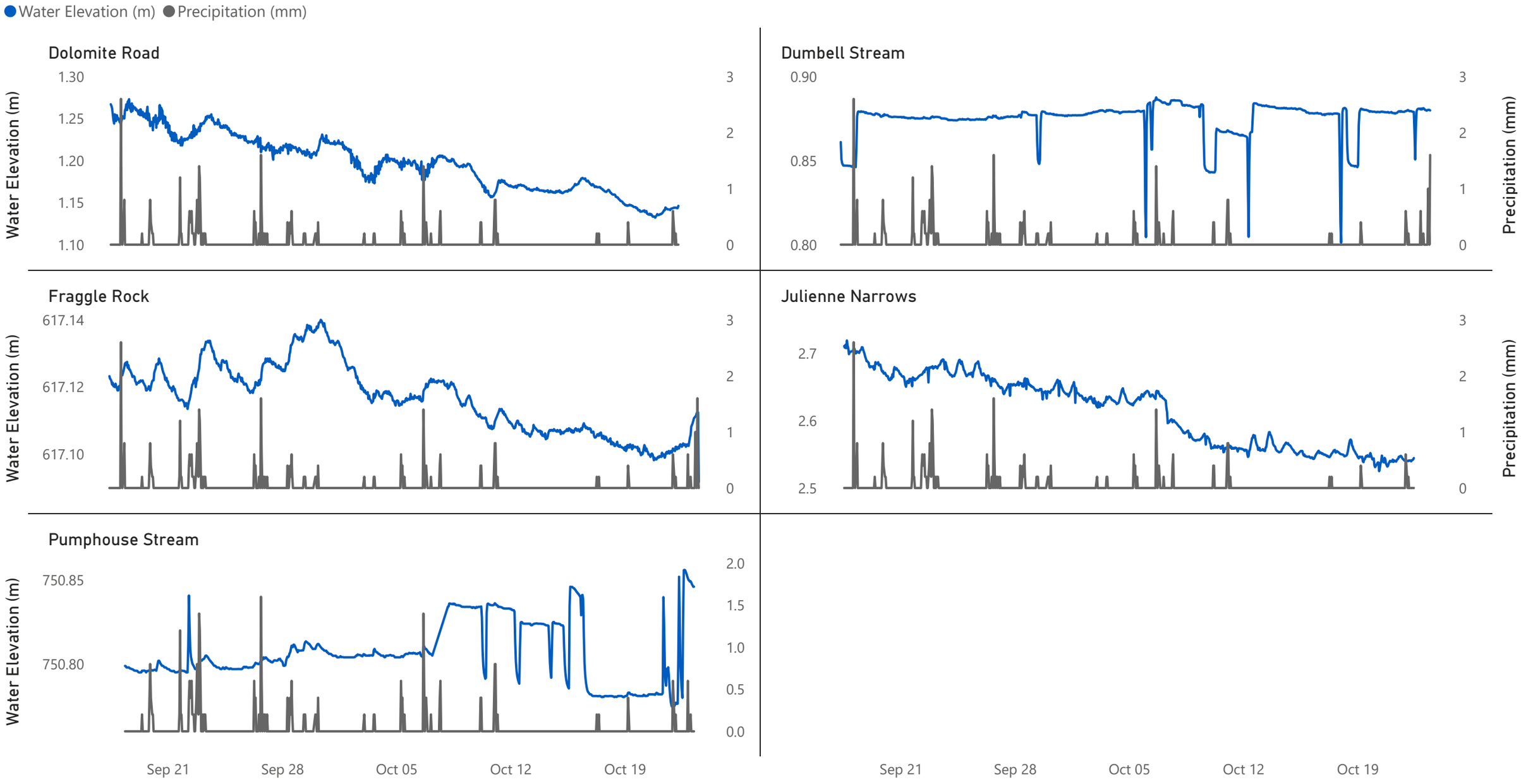
Newfoundland Labrador

Deployment Period Statistics (m)				
Name	**Minimum**	**Maximum**	**Average**	**Median**
Dolomite Road	**1.13**	**1.27**	**1.20**	**1.20**
Dumbell Stream	**0.80**	**0.89**	**0.87**	**0.88**
Fraggle Rock	**617.09**	**617.14**	**617.12**	**617.12**
Julienne Narrows	**2.53**	**2.72**	**2.62**	**2.63**
Pumphouse Stream	**750.77**	**750.86**	**750.81**	**750.80**

Water elevation provides an estimate of the water level at a monitoring station and plays a vital role in analyzing trends in water quality data, particularly for parameters such as specific conductivity, pH, and turbidity. Water elevation generally rises during precipitation events as rainwater and runoff enter the water column. By monitoring water elevation alongside precipitation events, we can better interpret our data, distinguish whether an elevation increase is caused by rainfall or potential industrial activities, and assess its impact on water quality. Precipitation data was obtained from the weather station at Moosehead Lake, owned by the Department of Forestry, Agriculture and Lands.

Water elevation at most stations decreased throughout the deployment period. It has been previously noted that there may be an issue with the equipment at Dumbell Stream. It also is evident that there is an issue at Pumphouse Stream during the later portion of the deployment period.

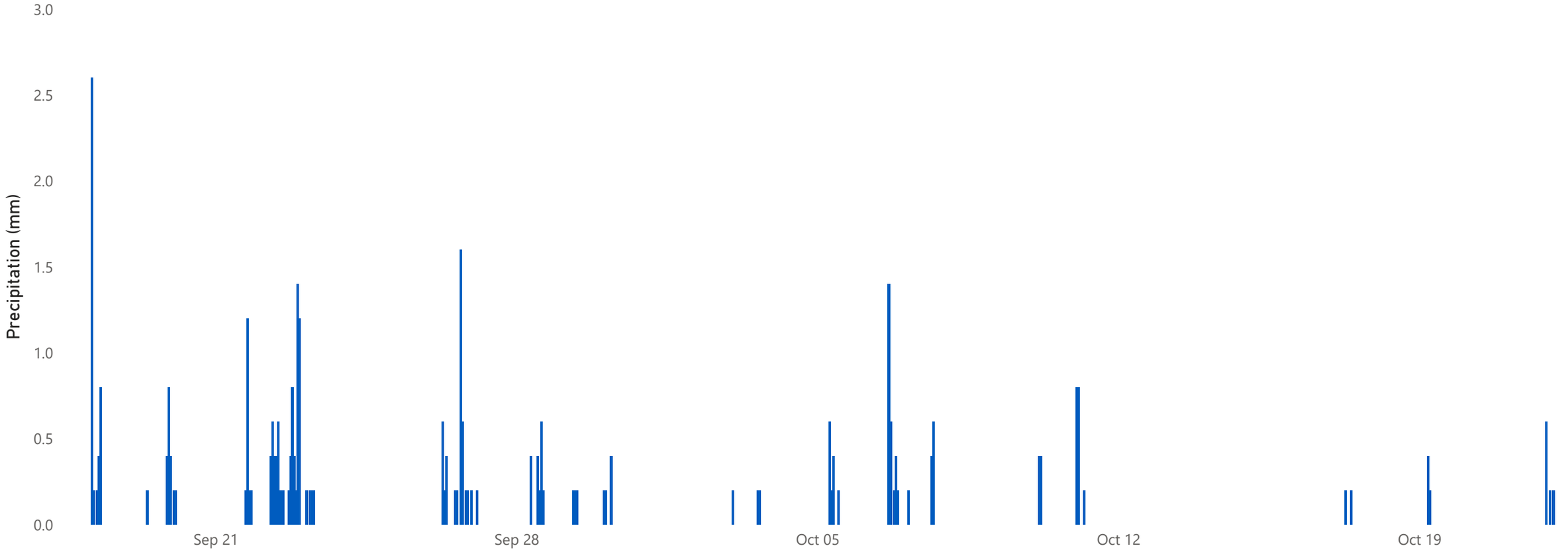
Water Elevation and Precipitation Station Graphs



Precipitation Data (hourly)

Retrieved from the Moosehead Lake Weather Station

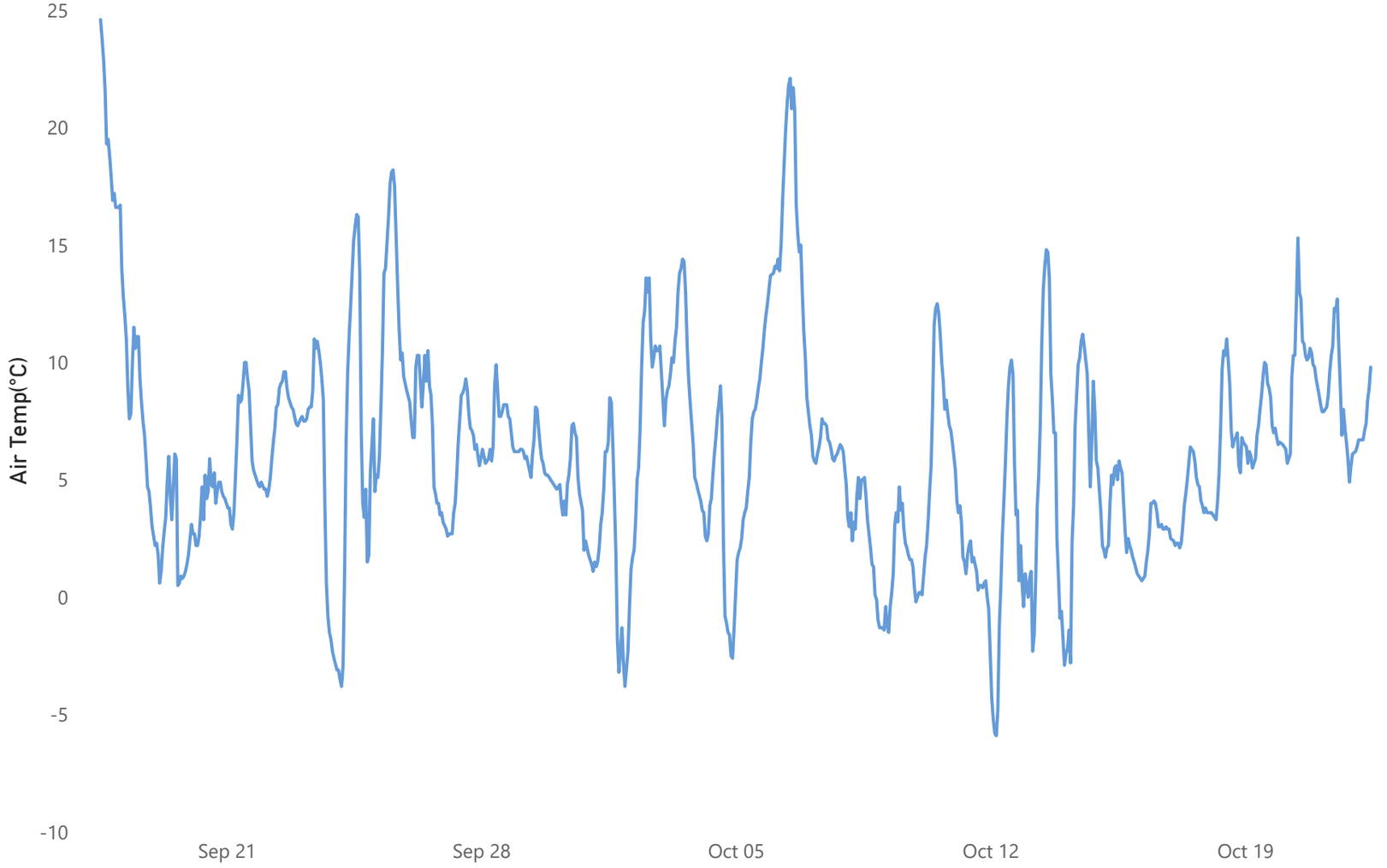
0.04	0.00	0.00	2.60	35.00
Average (mm)	Median (mm)	Minimum (mm)	Maximum (mm)	Total (mm)



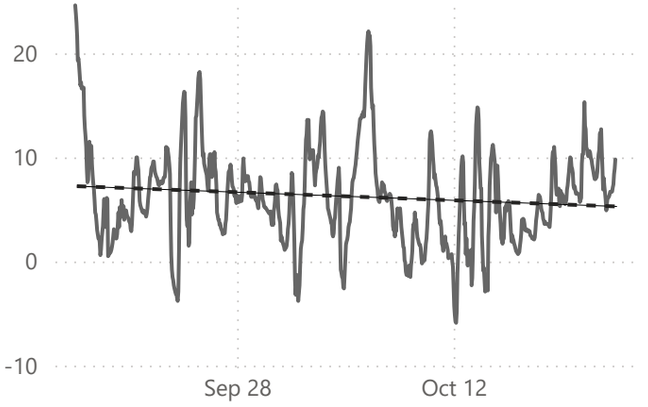
Air Temperature Data (hourly)

Retrieved from Moosehead Lake Weather Station

Newfoundland Labrador



Air Temperature Trendline



6.25	6.00
Average (°C)	Median (°C)
-5.90	24.60
Minimum (°C)	Maximum (°C)

Deployment Summary

- Instruments were deployed on September 17th and 18th and removed by October 23rd. This was the third and final deployment for 2025.
- In most cases, precipitation events or increases/decreases in water level could be used to explain the data fluctuations. Most values recorded were within ranges as suggested by the CCME Guidelines for the Protection of Aquatic Life for pH and dissolved oxygen.
- Water temperature decreased slightly. Temperatures ranged between 1.90°C and 16.50°C at these stations during deployment.
- All pH values were within the recommended CCME Guidelines for the Protection of Aquatic Life. pH ranged between 7.30 and 8.44 . Fluctuations were noted between day and night.
- Specific conductivity ranged from 68.80 µs/cm to 73.10 µs/cm at Dolomite Road, 30.00 µs/cm to 134.80 µs/cm at Julienne Narrows, 98.20 µs/cm to 222.40 µs/cm at Dumbell Stream, 230.20 µs/cm to 345.71 µs/cm at Pumphouse Stream and 175.94 µs/cm to 194.86 µs/cm at Fraggle Rock.
- At most stations dissolved oxygen values were above the minimum CCME Guideline for the Protection of Aquatic Life for Cold Water Biota at Other Life Stages of 6.5 mg/L. Julienne Narrows was the only station with data that fell below this guideline, likely due to the instrument being buried in sand. When dissolved oxygen values are compared to the CCME Guideline for the Protection of Aquatic Life for Cold Water Biota at Early Life Stages of 9.5 mg/L, some stations had minimal data fall below this guideline when temperatures were warmest. Dumbell Stream and Fraggle Rock were above both guidelines for the entire deployment period.
- Turbidity ranged from 2.30 to 63.50 NTU at Dolomite Road, 0.60 to 374.20 at Julienne Narrows, 0.00 to 60.60 NTU at Dumbell Stream, -.30 to 29.60 NTU at Pumphouse Stream, and 0.35 to 2.20NTU at Fraggle Rock.
- Overall, water stage levels at Dolomite Road, Julienne Narrows and Fraggle Rock decreased. Water levels at Dumbell Stream exhibited abnormal stage decreases suggesting potential issues with the hydrometric equipment at this location. Similarly there was an issue at Pumphouse Stream during the later portion of the deployment period. These observations has been forwarded to the Water Survey of Canada (WSC) for further investigation.
- Water Survey Canada operates the hydrometric component of certain stations. Due to differences in protocols, Water Survey Canada hydrometric data is quality controlled on a less frequent basis than water quality data. The hydrometric data shown in this report for certain stations is provisional and has not undergone quality control checks. Corrected hydrometric data can be obtained at https://wateroffice.ec.gc.ca/ or upon request to Water Survey Canada. For stations that are solely operated by the Water Resources Management Division, hydrometric data is quality controlled on a less frequent basis than water quality data due to differences in protocols. The hydrometric data shown in this report for Fraggle Rock is provisional and has not undergone quality control checks.
- Grab sample results are attached.

Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK96 DUMBELL STREAM								
Sampling Date 2025/09/17 09:55								
Matrix W								
Sample # 2025-6324-00-SI-SP								
Registration # SA-0000								
RESULTS OF ANALYSES OF WATER								
Calculated Parameters								
Hardness (CaCO3)	-	77	1.0	mg/L	N/A	2025/09/29		A017421
Total Kjeldahl Nitrogen (TKN)	-	1.7	0.25	mg/L	N/A	2025/10/03		A017653
Nitrate (N)	-	7.2	0.25	mg/L	N/A	2025/10/02		A017424
Total dissolved solids (calc., EC)	-	95	1.0	mg/L	N/A	2025/09/28		A017651
Inorganics								
Conductivity	-	170	1.0	uS/cm	N/A	2025/09/26	J1A	A019537
Chloride (Cl-)	-	1.2	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Bromide (Br-)	-	ND	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Sulphate (SO4)	-	5.9	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Total Alkalinity (Total as CaCO3)	-	43	2.0	mg/L	N/A	2025/09/26	J1A	A019538
Colour	-	ND	5.0	TCU	N/A	2025/10/02	MCN	A022773
Dissolved Fluoride (F-)	-	ND	0.10	mg/L	N/A	2025/09/26	J1A	A019539
Nitrate + Nitrite (N)	-	7.2	0.25	mg/L	N/A	2025/10/01	MCN	A022776
Nitrite (N)	-	ND	0.010	mg/L	N/A	2025/10/01	MCN	A022777
Nitrogen (Ammonia Nitrogen)	-	ND	0.050	mg/L	N/A	2025/10/02	MCN	A024347
Total Nitrogen (N)	-	9.9	0.10	mg/L	N/A	2025/10/03	S6S	A024099
Dissolved Organic Carbon (C)	-	ND	0.50	mg/L	N/A	2025/10/03	S6S	A024746
Total Organic Carbon (C)	-	ND	0.50	mg/L	N/A	2025/10/03	S6S	A024741
pH	-	7.81		pH	N/A	2025/09/26	J1A	A019533
Total Phosphorus	-	ND	0.004	mg/L	2025/10/01	2025/10/02	VKH	A023210
Total Suspended Solids	-	1.4	1.0	mg/L	2025/09/24	2025/09/25	ISM	A017828
Turbidity	-	ND	0.10	NTU	N/A	2025/10/01	J1A	A022339
MERCURY BY COLD VAPOUR AA (WATER)								
Metals								
Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021205
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Aluminum (Al)	-	0.0071	0.0050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Antimony (Sb)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Arsenic (As)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Barium (Ba)	-	0.0027	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Boron (B)	-	ND	0.050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Cadmium (Cd)	-	ND	0.000010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Calcium (Ca)	-	17	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Chromium (Cr)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Copper (Cu)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Iron (Fe)	-	ND	0.050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Lead (Pb)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Magnesium (Mg)	-	8.2	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Manganese (Mn)	-	0.0031	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Nickel (Ni)	-	ND	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Phosphorus (P)	-	ND	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Potassium (K)	-	1.1	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426

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Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK96 DUMBELL STREAM Sampling Date 2025/09/17 09:55 Matrix W Sample # 2025-6324-00-SI-SP Registration # SA-0000								
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Selenium (Se)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Sodium (Na)	-	0.77	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Strontium (Sr)	-	0.018	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Uranium (U)	-	ND	0.00010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Zinc (Zn)	-	ND	0.0050	mg/L	2025/09/26	2025/09/26	MTZ	A019426

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Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK97 FRAGGLE ROCK								
Sampling Date 2025/09/17 13:25								
Matrix W								
Sample # 2025-6325-00-SI-SP								
Registration # SA-0000								
RESULTS OF ANALYSES OF WATER								
Calculated Parameters								
Hardness (CaCO3)	-	100	1.0	mg/L	N/A	2025/09/29		A017421
Total Kjeldahl Nitrogen (TKN)	-	0.15	0.10	mg/L	N/A	2025/10/03		A017653
Nitrate (N)	-	0.93	0.050	mg/L	N/A	2025/10/02		A017424
Total dissolved solids (calc., EC)	-	110	1.0	mg/L	N/A	2025/09/28		A017651
Inorganics								
Conductivity	-	190	1.0	uS/cm	N/A	2025/09/26	J1A	A019537
Chloride (Cl-)	-	1.6	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Bromide (Br-)	-	ND	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Sulphate (SO4)	-	9.7	1.0	mg/L	N/A	2025/10/01	VP2	A022585
Total Alkalinity (Total as CaCO3)	-	82	2.0	mg/L	N/A	2025/09/26	J1A	A019538
Colour	-	ND	5.0	TCU	N/A	2025/10/02	MCN	A022773
Dissolved Fluoride (F-)	-	ND	0.10	mg/L	N/A	2025/09/26	J1A	A019539
Nitrate + Nitrite (N)	-	0.93	0.050	mg/L	N/A	2025/10/01	MCN	A022776
Nitrite (N)	-	ND	0.010	mg/L	N/A	2025/10/01	MCN	A022777
Nitrogen (Ammonia Nitrogen)	-	ND	0.050	mg/L	N/A	2025/10/02	MCN	A024347
Total Nitrogen (N)	-	1.1	0.10	mg/L	N/A	2025/10/03	S6S	A024099
Dissolved Organic Carbon (C)	-	2.8	0.50	mg/L	N/A	2025/10/04	S6S	A024746
Total Organic Carbon (C)	-	2.7	0.50	mg/L	N/A	2025/10/03	S6S	A024741
pH	-	8.09		pH	N/A	2025/09/26	J1A	A019533
Total Phosphorus	-	0.005	0.004	mg/L	2025/10/01	2025/10/02	VKH	A023263
Total Suspended Solids	-	1.4	1.0	mg/L	2025/09/24	2025/09/25	ISM	A017828
Turbidity	-	0.49	0.10	NTU	N/A	2025/10/01	J1A	A022339
MERCURY BY COLD VAPOUR AA (WATER)								
Metals								
Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021205
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Aluminum (Al)	-	0.013	0.0050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Antimony (Sb)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Arsenic (As)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Barium (Ba)	-	0.0063	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Boron (B)	-	ND	0.050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Cadmium (Cd)	-	ND	0.000010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Calcium (Ca)	-	18	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Chromium (Cr)	-	ND	0.0010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Copper (Cu)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Iron (Fe)	-	0.062	0.050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Lead (Pb)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Magnesium (Mg)	-	13	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Manganese (Mn)	-	0.019	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Nickel (Ni)	-	ND	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Phosphorus (P)	-	ND	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Potassium (K)	-	1.4	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426

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Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK97 FRAGGLE ROCK Sampling Date 2025/09/17 13:25 Matrix W Sample # 2025-6325-00-SI-SP Registration # SA-0000								
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Selenium (Se)	-	ND	0.00050	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Sodium (Na)	-	1.1	0.10	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Strontium (Sr)	-	0.018	0.0020	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Uranium (U)	-	0.00023	0.00010	mg/L	2025/09/26	2025/09/26	MTZ	A019426
Total Zinc (Zn)	-	ND	0.0050	mg/L	2025/09/26	2025/09/26	MTZ	A019426

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Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK98 JULIENNE NARROWS								
Sampling Date 2025/09/17 14:30								
Matrix W								
Sample # 2025-6326-00-SI-SP								
Registration # SA-0000								
RESULTS OF ANALYSES OF WATER								
Calculated Parameters								
Hardness (CaCO3)	-	46	1.0	mg/L	N/A	2025/09/26		A017421
Total Kjeldahl Nitrogen (TKN)	-	0.12	0.10	mg/L	N/A	2025/10/03		A017653
Nitrate (N)	-	0.42	0.050	mg/L	N/A	2025/10/02		A017424
Total dissolved solids (calc., EC)	-	56	1.0	mg/L	N/A	2025/09/28		A017651
Inorganics								
Conductivity	-	100	1.0	uS/cm	N/A	2025/09/26	J1A	A019537
Chloride (Cl-)	-	1.0	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Bromide (Br-)	-	ND	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Sulphate (SO4)	-	2.7	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Total Alkalinity (Total as CaCO3)	-	44	2.0	mg/L	N/A	2025/09/26	J1A	A019538
Colour	-	12	5.0	TCU	N/A	2025/10/02	MCN	A022773
Dissolved Fluoride (F-)	-	ND	0.10	mg/L	N/A	2025/09/26	J1A	A019539
Nitrate + Nitrite (N)	-	0.42	0.050	mg/L	N/A	2025/10/01	MCN	A022776
Nitrite (N)	-	ND	0.010	mg/L	N/A	2025/10/01	MCN	A022777
Nitrogen (Ammonia Nitrogen)	-	0.36	0.050	mg/L	N/A	2025/10/02	MCN	A024347
Total Nitrogen (N)	-	0.55	0.10	mg/L	N/A	2025/10/03	S6S	A024099
Dissolved Organic Carbon (C)	-	3.9	0.50	mg/L	N/A	2025/10/03	S6S	A024746
Total Organic Carbon (C)	-	4.0	0.50	mg/L	N/A	2025/10/03	S6S	A024072
pH	-	7.92		pH	N/A	2025/09/26	J1A	A019533
Total Phosphorus	-	ND	0.004	mg/L	2025/10/01	2025/10/02	VKH	A023210
Total Suspended Solids	-	10	1.0	mg/L	2025/09/24	2025/09/25	ISM	A017828
Turbidity	-	1.1	0.10	NTU	N/A	2025/10/01	J1A	A022339
MERCURY BY COLD VAPOUR AA (WATER)								
Metals								
Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021210
Dup.Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021210
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Aluminum (Al)	-	0.076	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Antimony (Sb)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Arsenic (As)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Barium (Ba)	-	0.0051	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Boron (B)	-	ND	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Cadmium (Cd)	-	ND	0.000010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Calcium (Ca)	-	11	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Chromium (Cr)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Copper (Cu)	-	0.00059	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Iron (Fe)	-	0.22	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Lead (Pb)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Magnesium (Mg)	-	4.5	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Manganese (Mn)	-	0.046	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Nickel (Ni)	-	ND	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Phosphorus (P)	-	ND	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372

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Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVMK98 JULIENNE NARROWS Sampling Date 2025/09/17 14:30 Matrix W Sample # 2025-6326-00-SI-SP Registration # SA-0000								
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Potassium (K)	-	1.4	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Selenium (Se)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Sodium (Na)	-	1.3	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Strontium (Sr)	-	0.019	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Uranium (U)	-	0.00011	0.00010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Zinc (Zn)	-	ND	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372

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Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVML00 DOLOMITE ROAD								
Sampling Date 2025/09/17 16:30								
Matrix W								
Sample # 2025-6328-00-SI-SP								
Registration # SA-0000								
RESULTS OF ANALYSES OF WATER								
Calculated Parameters								
Hardness (CaCO3)	-	33	1.0	mg/L	N/A	2025/09/26		A017421
Total Kjeldahl Nitrogen (TKN)	-	ND	0.10	mg/L	N/A	2025/10/03		A017653
Nitrate (N)	-	ND	0.050	mg/L	N/A	2025/10/02		A017424
Total dissolved solids (calc., EC)	-	39	1.0	mg/L	N/A	2025/09/28		A017651
Inorganics								
Conductivity	-	70	1.0	uS/cm	N/A	2025/09/26	J1A	A019537
Chloride (Cl-)	-	1.3	1.0	mg/L	N/A	2025/09/29	VP2	A020243
Bromide (Br-)	-	ND	1.0	mg/L	N/A	2025/09/29	VP2	A020243
Sulphate (SO4)	-	2.9	1.0	mg/L	N/A	2025/09/29	VP2	A020243
Total Alkalinity (Total as CaCO3)	-	29	2.0	mg/L	N/A	2025/09/26	J1A	A019538
Colour	-	16	5.0	TCU	N/A	2025/10/02	MCN	A022778
Dissolved Fluoride (F-)	-	ND	0.10	mg/L	N/A	2025/09/26	J1A	A019539
Nitrate + Nitrite (N)	-	ND	0.050	mg/L	N/A	2025/10/01	MCN	A022783
Nitrite (N)	-	ND	0.010	mg/L	N/A	2025/10/01	MCN	A022784
Nitrogen (Ammonia Nitrogen)	-	0.10	0.050	mg/L	N/A	2025/10/02	MCN	A024347
Total Nitrogen (N)	-	0.15	0.10	mg/L	N/A	2025/10/02	S6S	A023171
Dissolved Organic Carbon (C)	-	3.8	0.50	mg/L	N/A	2025/10/04	S6S	A024746
Total Organic Carbon (C)	-	4.1	0.50	mg/L	N/A	2025/10/03	S6S	A024741
pH	-	7.65		pH	N/A	2025/09/26	J1A	A019533
Total Phosphorus	-	ND	0.004	mg/L	2025/10/01	2025/10/02	VKH	A023210
Total Suspended Solids	-	6.4	1.0	mg/L	2025/09/24	2025/09/25	ISM	A017828
Turbidity	-	6.5	0.10	NTU	N/A	2025/10/01	J1A	A022339
MERCURY BY COLD VAPOUR AA (WATER)								
Metals								
Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021210
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Aluminum (Al)	-	0.027	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Antimony (Sb)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Arsenic (As)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Barium (Ba)	-	0.015	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Boron (B)	-	ND	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Cadmium (Cd)	-	ND	0.000010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Calcium (Ca)	-	7.4	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Chromium (Cr)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Copper (Cu)	-	0.00090	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Iron (Fe)	-	0.20	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Lead (Pb)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Magnesium (Mg)	-	3.4	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Manganese (Mn)	-	0.17	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Nickel (Ni)	-	ND	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Phosphorus (P)	-	ND	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Potassium (K)	-	1.1	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372

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Bureau Veritas Job #: C5B9074
Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVML00 DOLOMITE ROAD Sampling Date 2025/09/17 16:30 Matrix W Sample # 2025-6328-00-SI-SP Registration # SA-0000								
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Selenium (Se)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Sodium (Na)	-	1.1	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Strontium (Sr)	-	0.016	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Uranium (U)	-	ND	0.00010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Zinc (Zn)	-	ND	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372

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Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVML01 PUMPHOUSE STREAM								
Sampling Date 2025/09/18 10:10								
Matrix W								
Sample # 2025-6329-00-SI-SP								
Registration # SA-0000								
RESULTS OF ANALYSES OF WATER								
Calculated Parameters								
Hardness (CaCO3)	-	170	1.0	mg/L	N/A	2025/09/26		A017421
Total Kjeldahl Nitrogen (TKN)	-	0.79	0.25	mg/L	N/A	2025/10/03		A017653
Nitrate (N)	-	3.8	0.25	mg/L	N/A	2025/10/02		A017424
Total dissolved solids (calc., EC)	-	180	1.0	mg/L	N/A	2025/09/28		A017651
Inorganics								
Conductivity	-	320	1.0	uS/cm	N/A	2025/09/26	J1A	A019537
Chloride (Cl-)	-	1.6	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Bromide (Br-)	-	ND	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Sulphate (SO4)	-	12	1.0	mg/L	N/A	2025/10/02	VP2	A023014
Total Alkalinity (Total as CaCO3)	-	130	2.0	mg/L	N/A	2025/09/26	J1A	A019538
Colour	-	12	5.0	TCU	N/A	2025/10/02	MCN	A022778
Dissolved Fluoride (F-)	-	ND	0.10	mg/L	N/A	2025/09/26	J1A	A019539
Nitrate + Nitrite (N)	-	3.8	0.25	mg/L	N/A	2025/10/01	MCN	A022783
Nitrite (N)	-	ND	0.010	mg/L	N/A	2025/10/01	MCN	A022784
Nitrogen (Ammonia Nitrogen)	-	ND	0.050	mg/L	N/A	2025/10/02	MCN	A024347
Total Nitrogen (N)	-	4.5	0.10	mg/L	N/A	2025/10/03	S6S	A024099
Dissolved Organic Carbon (C)	-	2.0	0.50	mg/L	N/A	2025/10/04	S6S	A024746
Total Organic Carbon (C)	-	2.0	0.50	mg/L	N/A	2025/10/01	S6S	A023032
Dup.Total Organic Carbon (C)	-	1.9	0.50	mg/L	N/A	2025/10/01	S6S	A023032
pH	-	7.95		pH	N/A	2025/09/26	J1A	A019533
Total Phosphorus	-	ND	0.004	mg/L	2025/10/01	2025/10/02	VKH	A023210
Total Suspended Solids	-	ND	1.0	mg/L	2025/09/24	2025/09/25	ISM	A017828
Turbidity	-	0.45	0.10	NTU	N/A	2025/10/01	J1A	A022339
MERCURY BY COLD VAPOUR AA (WATER)								
Metals								
Total Mercury (Hg)	-	ND	0.000013	mg/L	2025/09/30	2025/09/30	JEP	A021210
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Aluminum (Al)	-	0.030	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Antimony (Sb)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Arsenic (As)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Barium (Ba)	-	0.011	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Boron (B)	-	ND	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Cadmium (Cd)	-	ND	0.000010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Calcium (Ca)	-	40	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Chromium (Cr)	-	ND	0.0010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Copper (Cu)	-	0.00095	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Iron (Fe)	-	0.17	0.050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Lead (Pb)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Magnesium (Mg)	-	17	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Manganese (Mn)	-	0.13	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Nickel (Ni)	-	ND	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Phosphorus (P)	-	ND	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372

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Report Date: 2025/10/06

NL Department of Environment, Climate Change and Municipalities
Site Location: LABRADOR
Your P.O. #: 224006869

Sample Details/Parameters	A	Result	RDL	UNITS	Extracted	Analyzed	By	Batch
AVML01 PUMPHOUSE STREAM Sampling Date 2025/09/18 10:10 Matrix W Sample # 2025-6329-00-SI-SP Registration # SA-0000								
ELEMENTS BY ICP/MS (WATER)								
Metals								
Total Potassium (K)	-	1.2	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Selenium (Se)	-	ND	0.00050	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Sodium (Na)	-	0.68	0.10	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Strontium (Sr)	-	0.027	0.0020	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Uranium (U)	-	0.00028	0.00010	mg/L	2025/09/25	2025/09/25	MOA	A018372
Total Zinc (Zn)	-	ND	0.0050	mg/L	2025/09/25	2025/09/25	MOA	A018372

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