Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

Contents

Preamble

This weekly report for the British Columbia Energy Regulator (BCER) Waste Discharge Permit (BCER number PE-110163) for the FortisBC Eagle Mountain – Woodfibre Gas Pipeline (EGP) Project includes the results of water quality monitoring and sampling of the receiving environments (upstream and downstream) and points of discharge.

FortisBC has retained Hatfield Consultants LLP. as the Qualified Professional to implement and oversee the monitoring and sampling program in the receiving environments. The data represented below, including laboratory reported exceedances, represent background conditions from the receiving environment sampling as shown on the Waste Discharge Permit.

Please note that this weekly report is intended to present the results of each weekly sampling event and highlight any non-compliances or missed sampling requirements outlined in the permit. This report is not intended to represent an interpretive report. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines in receiving environment samples are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required. However, routine review of these results are being conducted and should instream exceedances be identified, discharge results will be reviewed and optimized.

Introduction

The results provided in this document are submitted to BC Energy Regulator (BCER) by FortisBC as per the requirements listed in the Waste Discharge Permit PE-110163 Section 4.2:

> The Permittee shall summarize the results of the discharge and receiving environment compliance sampling and monitoring program in a report that shall be submitted weekly over the term of this permit. The sampling and monitoring results shall be suitably tabulated and include comparison to the respective British Columbia Approved and Working Water Quality Guidelines for Freshwater & Marine Aquatic Life, as published by the Ministry of Environment & Climate Change Strategy. Any exceedance of regulatory guidelines shall be clearly highlighted, and any missed sampling events/missing data shall be identified with an explanation provided. Reporting frequency may be reduced upon a history of compliance and by written confirmation from the BCER. These reports shall be submitted to Waste.Management@bc-er.ca. A copy of the reports shall be provided to each First Nation consulted with regarding the subject permit, and also made publicly available on the FortisBC Eagle Mountain-Woodfibre Gas Pipeline Project | Talking Energy webpage.

Sampling Methodology

The monitoring and sampling has been carried out in accordance with the procedures described in the most recent edition of the "British Columbia Field Sampling Manual" using field equipment and lab samples to meet daily and real time requirements for the Waste Discharge Permit.

At the receiving environments, real time and daily readings are being monitored at the same time with one piece of equipment, allowing all the daily readings real time. Visible sheen will be monitored with visual inspections during times of discharge or sampling.
At the point of discharge from the WTP, the parameters are being monitored using field equipment and sondes/real time meters. Table 1 and Table 2 below show how each parameter is being monitored.

Table 1. Monitor Details for the Point of Discharge from the Water Treatment System-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily (or per batch)	DO	Monitoring using YSI ProDSS
	ORP	Monitoring using YSI ProDSS
	Salinity	Monitoring using YSI ProDSS
Real Time (or per batch)	pH	Monitoring using GF Dryloc pH Series NPT
	Temperature	Monitoring using LevelPro PT100 Temperature and Signet 2350 Temp sensor
	NTU	Monitoring using Observator NEP9504GPI
	Electrical Conductivity	Monitoring using ProCon C450
Weekly (or per batch) Lab Samples	List prescribed in permit	Lab samples

Table 2. Monitor Details for the Receiving Environment (upstream and downstream)-BC Rail and Woodfibre

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily	DO	Monitoring using Sonde- AquaTROLL 600 datalogger
	ORP	Monitoring using Sonde- AquaTROLL 600 datalogger
	Salinity	Monitoring using Sonde- AquaTROLL 600 datalogger
Real Time	pH	Monitoring using Sonde- AquaTROLL 600 datalogger
	Temperature	Monitoring using Sonde- AquaTROLL 600 datalogger
	NTU	Monitoring using Sonde- AquaTROLL 600 datalogger
	Electrical Conductivity	Monitoring using Sonde- AquaTROLL 600 datalogger
Weekly Lab Samples	List prescribed in permit	Lab samples

Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- No discharge occurred during this reporting period.

Discharge from Water Treatment Plant

Table 3 below includes information on water quality and lab sampling during discharges. Appendix A includes a full set of lab results with real time/field samples from discharges.

Table 3: Discharge from Water Treatment System Information

Location	Date of Discharge	Date of Lab Sample (for the discharge)	Real Time Monitored	Field Samples Taken	Discharge Rate (batch)	Discharge Volume (batch)	Results
BC Rail- No discharges during this time period							

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

Table 4 and 5 below includes information on water quality and lab sampling. Appendix B includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-06-03	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-06-03	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

***** Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) at 15-minute intervals. SQU DS turbidity showed some infrequent and short-term spikes on June 4th-8th. There is currently no site discharge, so the cause of the turbidity is either localized turbidity source (spring freshet) or waters that are not reaching the US probe are reaching the DS probe (different currents in the river). There are 5 missing pH points between June 3rd and 8th likely due to water variability or equipment error. Each missing point was only for 1 reading.

Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- Water volume discharge exceedances.
- On June 3rd, the weekly EOP grab sample exceeded the dissolved copper (0.000209 mg/L) BC WQGFAL of 0.0002 mg/L by a factor of 1.05 times; because this guideline is derived with an uncertainty factor of 2, the potential for risk to aquatic life from D-Cu in discharge is considered negligible. Review of the D-Cu in the receiving environment showed that concentrations were naturally elevated in East Creek and were approximately higher upstream (WLNG US 0.00052 mg/L) compared to the EOP concentration.

Discharge from Water Treatment Plant

Table 6 below includes information on the discharge water. Appendix C includes real time/field samples from the discharge.

Table 6: Discharges from Water Treatment System

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
Woodfibre	2025-06-02	Yes-Appendix C	2,663m^3
Woodfibre	2025-06-03	Yes-Appendix C	2,537m^3
Woodfibre	2025-06-04	Yes-Appendix C	2,694m^3
Woodfibre	2025-06-05	Yes-Appendix C	2,658m^3
Woodfibre	2025-06-06	Yes-Appendix C	2,836m^3
Woodfibre	2025-06-07	Yes-Appendix C	2,709m^3
Woodfibre	2025-06-08	Yes-Appendix C	2,716m^3

*Max discharge is 1500m3/day

Receiving Environment Monitoring-East Creek

Table 7 and 8 below includes information on water quality and lab sampling. Appendix D includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-06-03	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-06-03	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

***** Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU).

Appendix A: BCR Site Point of Discharge from Water Treatment Plant Documentation

BCR Site Batch Sample Analysis

No Discharges

BCR Site WTP Discharge Field Notes and Logs
No Discharges

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-06-03 14:00:00	SQU DS 2025-06-03 14:20:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			8.69	7.63
Field Temperature	°C	18	19					11.1	10.7
General Parameters									
pH	pH Units							6.66	7.06
Alkalinity (Total as $CaCO_3$)	mg/L							10	10
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							13.3	12.9
Hardness ($CaCO_3$)-Dissolved	mg/L							11.4	10.9
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	0.24	1.25		0.53	3.5		<0.015	<0.015
Bicarbonate (HCO_3)	mg/L							12	12
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.027	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.027	<0.02
Nitrogen (N)-Total	mg/L							0.117	0.115
Phosphorus (P)-Total (4500-P)	mg/L							0.038	0.038
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.511			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	mg/L	128						2.2	2.1
Total Metals									
Aluminum (Al)-Total	mg/L	0.096359						**0.568**	**0.672**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000107	0.000112
Barium (Ba)-Total	mg/L			1				0.0142	0.0166
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.000005	<0.000005
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-06-03 14:00:00	SQU DS 2025-06-03 14:20:00
Total Metals (Cont'd.)									
Cadmium (Cd)-Total	mg/L						0.00012	0.000011	0.000008
Calcium (Ca)-Total	mg/L							4.24	4.08
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00026	0.00032
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000285	0.000342
Copper (Cu)-Total	mg/L				0.002	0.003		0.00141	0.00158
Iron (Fe)-Total	mg/L		1					0.594	0.694
Lead (Pb)-Total	mg/L				0.002	0.14		0.000103	0.00012
Lithium (Li)-Total	mg/L							0.00081	0.00095
Magnesium (Mg)-Total	mg/L							0.646	0.662
Manganese (Mn)-Total	mg/L	0.662	0.682				0.1	0.0188	0.0222
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000002	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000418	0.000376
Nickel (Ni)-Total	mg/L						0.0083	0.000337	0.000369
Phosphorus (P)-Total (ICPMS)	mg/L							0.0382	0.0343
Potassium (K)-Total	mg/L							0.552	0.615
Rubidium (Rb)-Total	mg/L							0.00127	0.00151
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.88	3.69
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.000005	0.000008
Sodium (Na)-Total	mg/L							1.23	1.16
Strontium (Sr)-Total	mg/L							0.026	0.0254
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000007	0.000008
Thorium (Th)-Total	mg/L							0.00007	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0374	0.0462
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000047	0.000052
Vanadium (V)-Total	mg/L			0.06			0.005	0.00196	0.00207
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0024	0.00279
Zirconium (Zr)-Total	mg/L							0.00014	0.00016

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

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Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.034	0.0336
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000085	0.000085
Barium (Ba)-Dissolved	mg/L							0.00535	0.00548
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005	<0.000005
Boron (B)-Dissolved	mg/L							<0.01	<0.01
Cadmium (Cd)-Dissolved	mg/L	0.000047	0.000071					<0.000005	<0.000005
Calcium (Ca)-Dissolved	mg/L							3.89	3.74
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L							0.000031	0.000037
Copper (Cu)-Dissolved	mg/L	0.00025	0.00152					**0.000529**	**0.000526**
Iron (Fe)-Dissolved	mg/L		0.35					0.0468	0.0285
Lead (Pb)-Dissolved	mg/L	0.001467						<0.000005	<0.000005
Lithium (Li)-Dissolved	mg/L							<0.0005	0.00056
Manganese (Mn)-Dissolved	mg/L							0.00424	0.00382
Magnesium (Mg)-Dissolved	mg/L							0.405	0.369
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000392	0.000398
Nickel (Ni)-Dissolved	mg/L	0.0005	0.0084					0.000092	0.000055
Phosphorus (P)-Dissolved	mg/L							0.0072	0.0055
Potassium (K)-Dissolved	mg/L							0.38	0.398
Rubidium (Rb)-Dissolved	mg/L							0.000561	0.000542
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							2.77	2.51
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.15	1.07
Strontium (Sr)-Dissolved	mg/L			1.25				0.0224	0.0214
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	<0.000002
Thorium (Th)-Dissolved	mg/L							<0.000005	<0.000005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00072	0.00082

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

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Dissolved Metals (Cont'd.)									
Uranium (U)-Dissolved	mg/L							0.00002	0.000023
Vanadium (V)-Dissolved	mg/L							0.00072	0.00068
Zinc (Zn)-Dissolved	mg/L	0.001439	0.007869					0.00054	0.00041
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							1.2	1.2
Organic Carbon (C)-Dissolved	mg/L							1.2	1.2
Solids-Total Dissolved	mg/L							18	30
Solids-Total Suspended	mg/L	28	48					23	**38**

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

BCR Site Receiving Environment Field Notes and Logs

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-02 00:00:00	8.05	27.53	0.22	7.12	10.88	60.28
SQU-DS	2025-06-02 00:15:00	8.00	27.59	0.23	7.12	10.88	92.81
SQU-DS	2025-06-02 00:30:00	7.94	27.64	0.20	7.12	10.89	90.75
SQU-DS	2025-06-02 00:45:00	7.86	27.74	0.22	7.11	10.91	57.59
SQU-DS	2025-06-02 01:00:00	7.83	27.75	0.22	7.15	10.91	59.38
SQU-DS	2025-06-02 01:15:00	7.73	27.84	0.23	7.13	10.94	76.12
SQU-DS	2025-06-02 01:30:00	7.69	27.91	0.21	7.12	10.95	58.32
SQU-DS	2025-06-02 01:45:00	7.63	27.89	0.23	7.10	10.96	64.92
SQU-DS	2025-06-02 02:00:00	7.60	27.99	0.23	7.09	10.96	53.78
SQU-DS	2025-06-02 02:15:00	7.54	28.08	0.24	7.10	10.97	65.38
SQU-DS	2025-06-02 02:30:00	7.49	28.03	0.20	7.09	10.98	48.90
SQU-DS	2025-06-02 02:45:00	7.44	28.19	0.21	7.09	10.99	57.45
SQU-DS	2025-06-02 03:00:00	7.42	28.01	0.23	7.06	10.97	50.69
SQU-DS	2025-06-02 03:15:00	7.35	28.09	0.23	7.06	10.99	46.38
SQU-DS	2025-06-02 03:30:00	7.31	28.02	0.22	7.10	11.01	59.70
SQU-DS	2025-06-02 03:45:00	7.26	28.08	0.23	7.04	11.02	45.97
SQU-DS	2025-06-02 04:00:00	7.25	27.91	0.24	7.04	11.03	49.16
SQU-DS	2025-06-02 04:15:00	7.20	27.95	0.24	7.08	11.04	76.97
SQU-DS	2025-06-02 04:30:00	7.16	27.95	0.21	7.03	11.04	53.51
SQU-DS	2025-06-02 04:45:00	7.11	27.96	0.23	7.09	11.07	45.08
SQU-DS	2025-06-02 05:00:00	7.10	27.92	0.23	7.08	11.07	38.56
SQU-DS	2025-06-02 05:15:00	7.04	27.99	0.24	7.04	11.08	52.51
SQU-DS	2025-06-02 05:30:00	7.03	27.82	0.21	7.10	11.10	43.36
SQU-DS	2025-06-02 05:45:00	6.96	27.97	0.23	7.06	11.13	40.88
SQU-DS	2025-06-02 06:00:00	6.98	27.84	0.23	7.08	11.12	56.48
SQU-DS	2025-06-02 06:15:00	6.98	27.88	0.24	7.08	11.12	36.62
SQU-DS	2025-06-02 06:30:00	6.97	27.86	0.21	7.07	11.14	55.05
SQU-DS	2025-06-02 06:45:00	6.95	27.95	0.22	7.08	11.14	42.65
SQU-DS	2025-06-02 07:00:00	6.96	27.87	0.23	7.10	11.16	70.79
SQU-DS	2025-06-02 07:15:00	6.95	27.90	0.24	7.11	11.16	52.38
SQU-DS	2025-06-02 07:30:00	6.96	27.98	0.22	7.10	11.17	55.34
SQU-DS	2025-06-02 07:45:00	6.98	28.07	0.23	7.09	11.16	78.95
SQU-DS	2025-06-02 08:00:00	7.00	28.00	0.24	7.09	11.16	51.35
SQU-DS	2025-06-02 08:15:00	7.03	28.02	0.24	7.09	11.17	40.50
SQU-DS	2025-06-02 08:30:00	7.03	28.24	0.21	7.10	11.18	70.80
SQU-DS	2025-06-02 08:45:00	7.07	28.20	0.23	7.10	11.20	46.45
SQU-DS	2025-06-02 09:00:00	7.10	28.27	0.23	7.12	11.20	65.56
SQU-DS	2025-06-02 09:30:00	7.23	28.17	0.20	7.12	11.20	63.22
SQU-DS	2025-06-02 09:45:00	7.25	28.53	0.23	7.11	11.19	45.55
SQU-DS	2025-06-02 10:00:00	7.32	28.48	0.24	7.11	11.18	67.67
SQU-DS	2025-06-02 10:15:00	7.38	28.74	0.24	7.11	11.18	59.92
SQU-DS	2025-06-02 10:30:00	7.46	28.74	0.21	7.11	11.17	52.67
SQU-DS	2025-06-02 10:45:00	7.54	28.79	0.23	7.11	11.16	58.16
SQU-DS	2025-06-02 11:00:00	7.63	28.85	0.24	7.11	11.16	57.56

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-02 11:15:00	7.71	28.90	0.24	7.08	11.15	62.61
SQU-DS	2025-06-02 11:30:00	7.80	28.78	0.22	7.14	11.14	62.16
SQU-DS	2025-06-02 11:45:00	7.91	28.96	0.23	7.09	11.12	49.40
SQU-DS	2025-06-02 12:00:00	8.00	28.85	0.24	7.12	11.11	72.87
SQU-DS	2025-06-02 12:15:00	8.09	28.97	0.24	7.12	11.09	42.82
SQU-DS	2025-06-02 12:30:00	8.20	28.82	0.20	7.08	11.09	51.16
SQU-DS	2025-06-02 12:45:00	8.27	28.68	0.22	7.14	11.08	39.49
SQU-DS	2025-06-02 13:00:00	8.37	28.56	0.23	7.13	11.08	55.00
SQU-DS	2025-06-02 13:15:00	8.49	28.70	0.24	7.11	11.05	62.70
SQU-DS	2025-06-02 13:30:00	8.58	29.16	0.21	7.14	11.03	62.39
SQU-DS	2025-06-02 13:45:00	8.68	29.06	0.22	7.15	11.00	42.16
SQU-DS	2025-06-02 14:00:00	8.78	28.99	0.23	7.15	10.98	55.68
SQU-DS	2025-06-02 14:15:00	8.88	28.83	0.24	7.15	10.97	45.69
SQU-DS	2025-06-02 14:30:00	8.98	29.10	0.20	7.15	10.93	56.66
SQU-DS	2025-06-02 14:45:00	9.09	29.23	0.22	7.15	10.90	43.35
SQU-DS	2025-06-02 15:00:00	9.21	29.22	0.23	7.15	10.90	66.94
SQU-DS	2025-06-02 15:15:00	9.33	29.28	0.24	7.12	10.86	49.21
SQU-DS	2025-06-02 15:30:00	9.43	29.32	0.21	7.19	10.84	41.70
SQU-DS	2025-06-02 15:45:00	9.54	29.75	0.23	7.17	10.80	40.66
SQU-DS	2025-06-02 16:00:00	9.65	29.67	0.23	7.16	10.78	42.88
SQU-DS	2025-06-02 16:15:00	9.69	29.72	0.24	7.15	10.76	43.68
SQU-DS	2025-06-02 16:30:00	9.72	29.88	0.21	7.16	10.73	47.65
SQU-DS	2025-06-02 16:45:00	9.76	30.06	0.23	7.13	10.72	60.37
SQU-DS	2025-06-02 17:00:00	9.77	29.86	0.24	7.14	10.73	65.65
SQU-DS	2025-06-02 17:15:00	9.79	29.93	0.25	7.14	10.72	43.92
SQU-DS	2025-06-02 17:30:00	9.81	29.62	0.21	7.18	10.71	46.89
SQU-DS	2025-06-02 17:45:00	9.80	29.64	0.22	7.16	10.70	47.42
SQU-DS	2025-06-02 18:00:00	9.82	30.02	0.23	7.14	10.69	43.02
SQU-DS	2025-06-02 18:15:00	9.82	30.35	0.24	7.16	10.66	47.77
SQU-DS	2025-06-02 18:30:00	9.82	30.29	0.20	7.14	10.65	41.92
SQU-DS	2025-06-02 18:45:00	9.79	30.54	0.22	7.16	10.63	36.92
SQU-DS	2025-06-02 19:00:00	9.76	30.41	0.23	7.17	10.62	40.20
SQU-DS	2025-06-02 19:15:00	9.72	30.48	0.24	7.15	10.62	46.74
SQU-DS	2025-06-02 19:30:00	9.67	30.30	0.21	7.18	10.62	40.27
SQU-DS	2025-06-02 19:45:00	9.60	30.20	0.22	7.15	10.62	51.23
SQU-DS	2025-06-02 20:00:00	9.51	30.36	0.23	7.17	10.61	44.64
SQU-DS	2025-06-02 20:15:00	9.44	30.42	0.23	7.16	10.61	41.73
SQU-DS	2025-06-02 20:30:00	9.36	30.53	0.18	7.17	10.60	58.53
SQU-DS	2025-06-02 20:45:00	9.31	30.47	0.21	7.15	10.60	48.98
SQU-DS	2025-06-02 21:00:00	9.27	30.70	0.22	7.14	10.60	54.18
SQU-DS	2025-06-02 21:15:00	9.24	30.49	0.23	7.08	10.60	46.46
SQU-DS	2025-06-02 21:30:00	9.18	30.48	0.19	7.17	10.59	36.66
SQU-DS	2025-06-02 21:45:00	9.11	30.54	0.21	7.16	10.60	43.72
SQU-DS	2025-06-02 22:00:00	9.07	30.44	0.22	7.16	10.61	32.68

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-02 22:15:00	9.00	30.52	0.23	7.15	10.62	61.42
SQU-DS	2025-06-02 22:30:00	8.95	30.46	0.18	7.11	10.62	61.16
SQU-DS	2025-06-02 22:45:00	8.89	30.32	0.21	7.16	10.63	32.51
SQU-DS	2025-06-02 23:00:00	8.82	30.51	0.22	7.16	10.64	46.89
SQU-DS	2025-06-02 23:15:00	8.78	30.38	0.23	7.14	10.66	50.97
SQU-DS	2025-06-02 23:30:00	8.72	30.08	0.20	7.17	10.66	40.22
SQU-DS	2025-06-02 23:45:00	8.66	30.07	0.21	7.14	10.68	43.62
SQU-DS	2025-06-03 00:00:00	8.59	30.14	0.22	7.16	10.69	55.19
SQU-DS	2025-06-03 00:15:00	8.52	30.05	0.23	7.16	10.71	31.60
SQU-DS	2025-06-03 00:30:00	8.45	30.18	0.19	7.13	10.72	43.88
SQU-DS	2025-06-03 00:45:00	8.39	30.06	0.21	7.16	10.72	35.07
SQU-DS	2025-06-03 01:00:00	8.32	30.07	0.22	7.08	10.75	48.58
SQU-DS	2025-06-03 01:15:00	8.25	30.13	0.23	7.12	10.76	49.15
SQU-DS	2025-06-03 01:30:00	8.18	30.27	0.20	7.14	10.78	36.40
SQU-DS	2025-06-03 01:45:00	8.12	30.10	0.21	7.15	10.78	39.14
SQU-DS	2025-06-03 02:00:00	8.04	30.25	0.22	7.16	10.81	43.14
SQU-DS	2025-06-03 02:15:00	8.02	30.02	0.23	7.15	10.80	45.79
SQU-DS	2025-06-03 02:30:00	7.92	30.12	0.19	7.11	10.83	38.60
SQU-DS	2025-06-03 02:45:00	7.88	30.04	0.21	7.14	10.84	41.74
SQU-DS	2025-06-03 03:00:00	7.82	30.19	0.22	7.10	10.84	43.55
SQU-DS	2025-06-03 03:15:00	7.79	30.14	0.23	7.07	10.85	40.98
SQU-DS	2025-06-03 03:30:00	7.75	30.31	0.19	7.15	10.84	64.25
SQU-DS	2025-06-03 03:45:00	7.69	30.19	0.21	7.12	10.85	35.19
SQU-DS	2025-06-03 04:00:00	7.66	30.04	0.22	7.13	10.88	41.62
SQU-DS	2025-06-03 04:15:00	7.61	29.96	0.23	7.12	10.89	36.70
SQU-DS	2025-06-03 04:30:00	7.58	29.85	0.19	7.11	10.90	30.59
SQU-DS	2025-06-03 04:45:00	7.54	29.83	0.22	7.12	10.91	32.92
SQU-DS	2025-06-03 05:00:00	7.50	29.70	0.23	7.11	10.91	43.99
SQU-DS	2025-06-03 05:15:00	7.48	29.63	0.23	7.11	10.93	40.31
SQU-DS	2025-06-03 05:30:00	7.45	29.37	0.21	7.10	10.93	41.71
SQU-DS	2025-06-03 05:45:00	7.41	29.54	0.21	7.12	10.95	35.69
SQU-DS	2025-06-03 06:00:00	7.38	29.54	0.22	7.12	10.96	39.16
SQU-DS	2025-06-03 06:15:00	7.37	29.44	0.23	7.12	10.97	47.85
SQU-DS	2025-06-03 06:30:00	7.34	29.32	0.20	7.12	10.98	39.66
SQU-DS	2025-06-03 06:45:00	7.36	29.23	0.22	7.12	10.99	57.78
SQU-DS	2025-06-03 07:00:00	7.32	29.31	0.23	7.12	11.01	34.46
SQU-DS	2025-06-03 07:15:00	7.31	29.34	0.24	7.07	11.02	59.64
SQU-DS	2025-06-03 07:30:00	7.31	29.27	0.21	7.13	11.03	43.57
SQU-DS	2025-06-03 07:45:00	7.33	29.19	0.22	7.13	11.05	35.79
SQU-DS	2025-06-03 08:00:00	7.31	29.35	0.23	7.12	11.06	35.67
SQU-DS	2025-06-03 08:15:00	7.35	29.53	0.24	7.08	11.06	46.94
SQU-DS	2025-06-03 08:30:00	7.40	29.24	0.19	7.11	11.07	28.76
SQU-DS	2025-06-03 08:45:00	7.43	29.30	0.21	7.13	11.08	45.13
SQU-DS	2025-06-03 09:00:00	7.42	29.45	0.23	7.12	11.10	34.54

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-03 09:15:00	7.46	29.75	0.23	7.11	11.10	65.06
SQU-DS	2025-06-03 09:30:00	7.52	29.64	0.21	7.13	11.09	56.43
SQU-DS	2025-06-03 09:45:00	7.59	29.61	0.22	7.14	11.09	38.93
SQU-DS	2025-06-03 10:00:00	7.62	29.44	0.23	7.15	11.11	58.21
SQU-DS	2025-06-03 10:15:00	7.70	29.70	0.24	7.14	11.10	39.94
SQU-DS	2025-06-03 10:30:00	7.77	29.73	0.21	7.12	11.09	29.26
SQU-DS	2025-06-03 10:45:00	7.85	29.67	0.23	7.11	11.09	52.38
SQU-DS	2025-06-03 11:00:00	7.96	29.51	0.24	7.12	11.09	39.38
SQU-DS	2025-06-03 11:15:00	8.03	29.74	0.24	7.11	11.09	42.97
SQU-DS	2025-06-03 11:30:00	8.14	29.77	0.21	7.15	11.07	28.66
SQU-DS	2025-06-03 11:45:00	8.21	29.65	0.23	7.16	11.08	36.10
SQU-DS	2025-06-03 12:00:00	8.30	29.63	0.23	7.17	11.07	26.55
SQU-DS	2025-06-03 12:15:00	8.40	29.67	0.24	7.15	11.05	44.21
SQU-DS	2025-06-03 12:30:00	8.49	29.56	0.21	7.17	11.05	35.14
SQU-DS	2025-06-03 12:45:00	8.58	29.80	0.23	7.13	11.04	35.44
SQU-DS	2025-06-03 13:00:00	8.70	29.94	0.24	7.11	10.99	32.33
SQU-DS	2025-06-03 13:15:00	8.81	29.88	0.25	7.13	10.97	38.30
SQU-DS	2025-06-03 13:30:00	8.91	29.80	0.23	7.16	10.96	42.92
SQU-DS	2025-06-03 13:45:00	9.01	29.62	0.24	7.17	10.94	40.59
SQU-DS	2025-06-03 14:00:00	9.10	29.65	0.25	7.19	10.93	32.63
SQU-DS	2025-06-03 14:15:00	9.21	29.70	0.25	7.17	10.91	32.33
SQU-DS	2025-06-03 14:30:00	9.33	29.89	0.22	7.16	10.88	28.59
SQU-DS	2025-06-03 14:45:00	9.42	29.83	0.24	7.13	10.85	29.63
SQU-DS	2025-06-03 15:00:00	9.50	29.97	0.25	7.14	10.82	35.76
SQU-DS	2025-06-03 15:15:00	9.53	30.08	0.25	7.12	10.79	33.62
SQU-DS	2025-06-03 15:30:00	9.58	29.96	0.23	7.16	10.77	43.98
SQU-DS	2025-06-03 15:45:00	9.66	30.01	0.23	7.15	10.73	24.49
SQU-DS	2025-06-03 16:00:00	9.81	30.17	0.24	7.17	10.71	35.66
SQU-DS	2025-06-03 16:15:00	9.90	30.45	0.25	7.17	10.68	32.47
SQU-DS	2025-06-03 16:30:00	9.97	30.59	0.21	7.17	10.66	23.92
SQU-DS	2025-06-03 16:45:00	10.02	30.71	0.23	7.13	10.64	53.21
SQU-DS	2025-06-03 17:00:00	10.07	30.72	0.24	7.12	10.61	36.74
SQU-DS	2025-06-03 17:15:00	10.11	30.90	0.24	7.11	10.59	39.75
SQU-DS	2025-06-03 17:30:00	10.17	30.82	0.21	7.15	10.56	37.59
SQU-DS	2025-06-03 17:45:00	10.21	30.52	0.22	7.18	10.56	24.84
SQU-DS	2025-06-03 18:00:00	10.23	30.61	0.23	7.16	10.54	33.72
SQU-DS	2025-06-03 18:15:00	10.22	30.68	0.24	7.02	10.53	28.07
SQU-DS	2025-06-03 18:30:00	10.19	30.93	0.19	7.14	10.51	34.17
SQU-DS	2025-06-03 18:45:00	10.19	31.00	0.22	7.14	10.50	31.97
SQU-DS	2025-06-03 19:00:00	10.21	31.07	0.23	7.09	10.49	32.17
SQU-DS	2025-06-03 19:15:00	10.19	31.11	0.23	7.02	10.47	31.99
SQU-DS	2025-06-03 19:30:00	10.18	31.37	0.19	7.15	10.43	28.84
SQU-DS	2025-06-03 19:45:00	10.16	31.32	0.21	7.17	10.42	31.02
SQU-DS	2025-06-03 20:00:00	10.12	31.42	0.22	7.17	10.41	41.69

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-03 20:15:00	10.09	31.46	0.23	7.14	10.41	35.76
SQU-DS	2025-06-03 20:30:00	10.07	31.45	0.19	7.16	10.40	40.56
SQU-DS	2025-06-03 20:45:00	10.02	31.39	0.22	7.13	10.39	40.90
SQU-DS	2025-06-03 21:00:00	9.98	31.40	0.23	7.12	10.38	30.22
SQU-DS	2025-06-03 21:15:00	9.94	31.17	0.23	7.09	10.38	35.74
SQU-DS	2025-06-03 21:30:00	9.89	31.18	0.20	7.16	10.37	28.80
SQU-DS	2025-06-03 21:45:00	9.84	31.19	0.22	7.16	10.38	32.06
SQU-DS	2025-06-03 22:00:00	9.78	31.00	0.23	7.13	10.39	26.18
SQU-DS	2025-06-03 22:15:00	9.70	30.88	0.24	7.14	10.40	33.08
SQU-DS	2025-06-03 22:30:00	9.62	30.83	0.18	7.16	10.40	38.29
SQU-DS	2025-06-03 22:45:00	9.54	30.78	0.21	7.13	10.43	45.37
SQU-DS	2025-06-03 23:00:00	9.46	30.68	0.22	7.11	10.45	38.28
SQU-DS	2025-06-03 23:15:00	9.37	30.72	0.23	7.12	10.47	50.89
SQU-DS	2025-06-03 23:30:00	9.30	30.44	0.21	7.17	10.48	52.25
SQU-DS	2025-06-03 23:45:00	9.20	30.62	0.22	7.15	10.51	31.42
SQU-DS	2025-06-04 00:00:00	9.11	30.55	0.23	7.15	10.54	37.51
SQU-DS	2025-06-04 00:15:00	9.03	30.42	0.23	7.09	10.56	29.21
SQU-DS	2025-06-04 00:30:00	8.96	30.43	0.19	7.13	10.57	30.49
SQU-DS	2025-06-04 00:45:00	8.89	30.13	0.21	7.12	10.59	37.91
SQU-DS	2025-06-04 01:00:00	8.83	30.13	0.23	7.09	10.60	35.39
SQU-DS	2025-06-04 01:15:00	8.76	29.96	0.23	7.03	10.62	38.53
SQU-DS	2025-06-04 01:30:00	8.69	29.92	0.20	7.13	10.62	37.43
SQU-DS	2025-06-04 01:45:00	8.64	29.78	0.21	7.15	10.63	23.32
SQU-DS	2025-06-04 02:00:00	8.60	29.71	0.23	7.14	10.64	39.36
SQU-DS	2025-06-04 02:15:00	8.55	29.24	0.24	7.11	10.66	32.94
SQU-DS	2025-06-04 02:30:00	8.47	29.14	0.17	7.13	10.67	31.89
SQU-DS	2025-06-04 02:45:00	8.42	29.19	0.20	7.12	10.69	47.35
SQU-DS	2025-06-04 03:00:00	8.36	28.88	0.21	6.97	10.71	46.78
SQU-DS	2025-06-04 03:15:00	8.30	28.77	0.22	7.05	10.71	46.89
SQU-DS	2025-06-04 03:30:00	8.24	28.59	0.19	7.14	10.73	26.01
SQU-DS	2025-06-04 03:45:00	8.18	28.37	0.21	7.12	10.75	26.55
SQU-DS	2025-06-04 04:00:00	8.10	28.45	0.22	7.09	10.77	43.60
SQU-DS	2025-06-04 04:15:00	8.03	28.41	0.23	7.08	10.80	47.43
SQU-DS	2025-06-04 04:30:00	8.01	28.26	0.17	7.09	10.79	33.03
SQU-DS	2025-06-04 04:45:00	7.95	28.31	0.20	7.10	10.81	33.63
SQU-DS	2025-06-04 05:00:00	7.91	28.32	0.22	7.02	10.83	45.45
SQU-DS	2025-06-04 05:15:00	7.88	28.14	0.23	7.04	10.84	48.12
SQU-DS	2025-06-04 05:30:00	7.83	27.99	0.20	7.10	10.83	35.47
SQU-DS	2025-06-04 05:45:00	7.79	27.80	0.21	7.09	10.86	29.64
SQU-DS	2025-06-04 06:00:00	7.74	27.82	0.22	7.05	10.88	45.86
SQU-DS	2025-06-04 06:15:00	7.71	27.60	0.23	7.03	10.88	50.43
SQU-DS	2025-06-04 06:30:00	7.70	27.45	0.17	7.10	10.90	33.99
SQU-DS	2025-06-04 06:45:00	7.67	27.36	0.21	7.07	10.92	57.04
SQU-DS	2025-06-04 07:00:00	7.63	27.44	0.22	7.09	10.93	60.85

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-04 07:15:00	7.63	27.26	0.23	7.10	10.94	48.63
SQU-DS	2025-06-04 07:30:00	7.62	27.27	0.20	7.13	10.93	44.69
SQU-DS	2025-06-04 07:45:00	7.61	27.37	0.21	7.06	10.97	41.64
SQU-DS	2025-06-04 08:00:00	7.63	27.40	0.22	7.07	10.98	46.29
SQU-DS	2025-06-04 08:15:00	7.64	27.33	0.23	7.06	11.00	70.11
SQU-DS	2025-06-04 08:30:00	7.64	27.42	0.16	7.10	11.01	46.21
SQU-DS	2025-06-04 08:45:00	7.66	27.36	0.19	7.10	11.02	46.84
SQU-DS	2025-06-04 09:00:00	7.69	27.17	0.20	7.06	11.02	43.72
SQU-DS	2025-06-04 09:15:00	7.70	27.18	0.21	7.04	11.03	53.21
SQU-DS	2025-06-04 09:30:00	7.71	27.45	0.19	7.12	11.02	36.96
SQU-DS	2025-06-04 09:45:00	7.74	27.53	0.20	7.10	11.03	37.78
SQU-DS	2025-06-04 10:00:00	7.81	27.54	0.21	7.07	11.02	30.94
SQU-DS	2025-06-04 10:15:00	7.87	27.57	0.22	7.06	11.02	42.19
SQU-DS	2025-06-04 10:30:00	7.92	27.86	0.17	7.09	11.02	37.63
SQU-DS	2025-06-04 10:45:00	7.96	27.99	0.20	7.08	11.02	37.27
SQU-DS	2025-06-04 11:00:00	8.02	27.90	0.21	7.06	11.02	48.64
SQU-DS	2025-06-04 11:15:00	8.12	27.87	0.22	7.05	11.01	35.10
SQU-DS	2025-06-04 11:30:00	8.18	27.67	0.20	7.10	11.01	33.35
SQU-DS	2025-06-04 11:45:00	8.29	27.61	0.21	7.09	11.00	68.69
SQU-DS	2025-06-04 12:00:00	8.38	27.42	0.22	7.02	11.00	28.90
SQU-DS	2025-06-04 12:15:00	8.46	27.39	0.23	7.04	10.99	39.31
SQU-DS	2025-06-04 12:30:00	8.57	27.38	0.17	7.11	10.98	34.55
SQU-DS	2025-06-04 12:45:00	8.67	27.16	0.20	7.08	10.97	41.47
SQU-DS	2025-06-04 13:00:00	8.76	27.49	0.22	7.06	10.95	32.77
SQU-DS	2025-06-04 13:15:00	8.90	27.23	0.23	7.02	10.93	81.89
SQU-DS	2025-06-04 13:30:00	8.99	27.57	0.20	7.12	10.92	25.58
SQU-DS	2025-06-04 13:45:00	9.06	27.33	0.21	7.14	10.90	30.62
SQU-DS	2025-06-04 14:00:00	9.05	27.39	0.22	7.08	10.88	28.52
SQU-DS	2025-06-04 14:15:00	9.05	27.39	0.23	7.10	10.87	30.29
SQU-DS	2025-06-04 14:30:00	9.10	27.60	0.18	7.13	10.83	24.06
SQU-DS	2025-06-04 14:45:00	9.17	27.63	0.21	7.10	10.81	42.38
SQU-DS	2025-06-04 15:00:00	9.28	27.87	0.22	7.05	10.81	27.82
SQU-DS	2025-06-04 15:15:00	9.47	27.92	0.23	7.00	10.77	34.29
SQU-DS	2025-06-04 15:30:00	9.58	27.91	0.21	7.13	10.72	32.25
SQU-DS	2025-06-04 15:45:00	9.68	27.85	0.22	7.10	10.72	47.36
SQU-DS	2025-06-04 16:00:00	9.80	27.88	0.23	7.17	10.70	28.22
SQU-DS	2025-06-04 16:15:00	9.90	28.12	0.24	7.12	10.66	34.31
SQU-DS	2025-06-04 16:30:00	9.99	28.20	0.19	7.13	10.64	28.03
SQU-DS	2025-06-04 16:45:00	10.03	28.28	0.21	7.11	10.61	27.91
SQU-DS	2025-06-04 17:00:00	10.09	28.26	0.23	7.09	10.60	37.85
SQU-DS	2025-06-04 17:15:00	10.12	28.24	0.23	7.09	10.57	32.00
SQU-DS	2025-06-04 17:30:00	10.11	28.38	0.20	7.14	10.53	36.96
SQU-DS	2025-06-04 17:45:00	10.10	28.47	0.21	7.12	10.53	33.32
SQU-DS	2025-06-04 18:00:00	10.12	28.38	0.22	7.03	10.52	34.31

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-04 18:15:00	10.13	28.66	0.23	6.89	10.50	37.85
SQU-DS	2025-06-04 18:30:00	10.12	28.58	0.17	7.12	10.49	31.32
SQU-DS	2025-06-04 18:45:00	10.11	28.81	0.20	7.15	10.48	40.27
SQU-DS	2025-06-04 19:00:00	10.07	28.70	0.21	7.13	10.47	43.87
SQU-DS	2025-06-04 19:15:00	10.04	28.68	0.22	7.11	10.46	37.48
SQU-DS	2025-06-04 19:30:00	10.00	28.81	0.17	7.15	10.45	33.27
SQU-DS	2025-06-04 19:45:00	9.97	28.90	0.19	7.16	10.44	25.47
SQU-DS	2025-06-04 20:00:00	9.93	29.11	0.20	7.14	10.43	30.13
SQU-DS	2025-06-04 20:15:00	9.88	29.08	0.21	7.14	10.44	43.34
SQU-DS	2025-06-04 20:30:00	9.81	29.27	0.16	7.12	10.43	25.89
SQU-DS	2025-06-04 20:45:00	9.75	29.21	0.19	7.13	10.44	34.54
SQU-DS	2025-06-04 21:00:00	9.68	29.26	0.21	7.10	10.44	45.31
SQU-DS	2025-06-04 21:15:00	9.60	29.26	0.22	7.09	10.44	38.58
SQU-DS	2025-06-04 21:30:00	9.55	29.30	0.19	7.14	10.44	309.86
SQU-DS	2025-06-04 21:45:00	9.47	29.44	0.21	7.16	10.46	25.78
SQU-DS	2025-06-04 22:00:00	9.42	29.55	0.22	7.14	10.47	27.61
SQU-DS	2025-06-04 22:15:00	9.36	29.69	0.22	7.09	10.46	30.08
SQU-DS	2025-06-04 22:30:00	9.29	29.60	0.16	7.15	10.48	29.93
SQU-DS	2025-06-04 22:45:00	9.23	29.52	0.20	7.05	10.50	30.74
SQU-DS	2025-06-04 23:00:00	9.16	29.52	0.22	6.98	10.51	37.63
SQU-DS	2025-06-04 23:15:00	9.10	29.74	0.22	6.96	10.52	31.79
SQU-DS	2025-06-04 23:30:00	9.04	29.73	0.19	7.10	10.53	41.96
SQU-DS	2025-06-04 23:45:00	8.97	29.28	0.21	7.12	10.56	24.77
SQU-DS	2025-06-05 00:00:00	8.91	29.15	0.22	7.09	10.58	25.91
SQU-DS	2025-06-05 00:15:00	8.85	29.08	0.23	7.06	10.59	44.01
SQU-DS	2025-06-05 00:30:00	8.79	28.79	0.16	7.11	10.61	41.81
SQU-DS	2025-06-05 00:45:00	8.74	28.51	0.19	7.11	10.63	34.28
SQU-DS	2025-06-05 01:00:00	8.68	28.46	0.21	7.09	10.64	37.22
SQU-DS	2025-06-05 01:15:00	8.62	28.34	0.22	7.07	10.65	43.47
SQU-DS	2025-06-05 01:30:00	8.57	28.33	0.19	7.14	10.64	29.92
SQU-DS	2025-06-05 01:45:00	8.51	28.15	0.20	7.15	10.68	21.51
SQU-DS	2025-06-05 02:00:00	8.44	28.15	0.21	7.09	10.70	35.69
SQU-DS	2025-06-05 02:15:00	8.39	28.11	0.23	6.96	10.71	29.55
SQU-DS	2025-06-05 02:30:00	8.34	28.14	0.15	7.12	10.72	56.23
SQU-DS	2025-06-05 02:45:00	8.26	28.21	0.18	7.10	10.75	30.20
SQU-DS	2025-06-05 03:00:00	8.23	28.02	0.19	7.08	10.76	33.21
SQU-DS	2025-06-05 03:15:00	8.19	27.90	0.20	7.06	10.76	44.40
SQU-DS	2025-06-05 03:30:00	8.18	27.52	0.18	7.12	10.75	28.27
SQU-DS	2025-06-05 03:45:00	8.08	27.89	0.20	7.11	10.77	40.72
SQU-DS	2025-06-05 04:00:00	8.04	27.70	0.21	7.07	10.82	79.86
SQU-DS	2025-06-05 04:15:00	7.99	27.60	0.22	7.05	10.81	40.76
SQU-DS	2025-06-05 04:30:00	7.95	27.52	0.17	7.10	10.82	31.34
SQU-DS	2025-06-05 04:45:00	7.92	27.46	0.20	7.09	10.82	35.78
SQU-DS	2025-06-05 05:00:00	7.88	27.27	0.21	7.06	10.83	42.02

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-05 05:15:00	7.84	27.32	0.22	7.06	10.84	54.76
SQU-DS	2025-06-05 05:30:00	7.83	27.04	0.19	7.10	10.83	32.51
SQU-DS	2025-06-05 05:45:00	7.77	27.22	0.21	7.09	10.86	33.79
SQU-DS	2025-06-05 06:00:00	7.73	27.07	0.22	7.06	10.87	44.44
SQU-DS	2025-06-05 06:15:00	7.71	27.07	0.23	7.05	10.89	40.61
SQU-DS	2025-06-05 06:30:00	7.68	27.00	0.15	7.09	10.91	24.22
SQU-DS	2025-06-05 06:45:00	7.68	26.84	0.19	7.07	10.91	31.77
SQU-DS	2025-06-05 07:00:00	7.66	26.85	0.20	7.08	10.92	38.74
SQU-DS	2025-06-05 07:15:00	7.65	26.83	0.21	7.07	10.94	56.31
SQU-DS	2025-06-05 07:30:00	7.64	26.63	0.18	7.11	10.94	49.40
SQU-DS	2025-06-05 07:45:00	7.63	26.70	0.20	7.09	10.95	36.24
SQU-DS	2025-06-05 08:00:00	7.61	26.70	0.22	7.07	10.99	25.29
SQU-DS	2025-06-05 08:15:00	7.62	26.72	0.22	7.06	11.00	29.51
SQU-DS	2025-06-05 08:30:00	7.64	26.69	0.15	7.10	11.01	24.06
SQU-DS	2025-06-05 08:45:00	7.68	26.71	0.19	7.11	11.02	31.97
SQU-DS	2025-06-05 09:00:00	7.73	26.78	0.20	7.09	11.01	35.10
SQU-DS	2025-06-05 09:15:00	7.76	26.67	0.21	7.07	11.02	29.42
SQU-DS	2025-06-05 09:30:00	7.79	26.78	0.18	7.10	11.01	42.69
SQU-DS	2025-06-05 09:45:00	7.84	26.74	0.20	7.11	11.02	30.51
SQU-DS	2025-06-05 10:00:00	7.91	26.94	0.21	7.09	11.02	36.72
SQU-DS	2025-06-05 10:15:00	7.94	27.17	0.22	7.03	11.02	28.60
SQU-DS	2025-06-05 10:30:00	8.03	26.92	0.16	7.10	11.03	29.00
SQU-DS	2025-06-05 10:45:00	8.10	27.05	0.20	7.07	11.03	192.37
SQU-DS	2025-06-05 11:00:00	8.17	27.05	0.21	7.06	11.02	32.13
SQU-DS	2025-06-05 11:15:00	8.26	26.91	0.23	7.07	11.02	42.45
SQU-DS	2025-06-05 11:30:00	8.36	26.84	0.19	7.12	10.98	28.35
SQU-DS	2025-06-05 11:45:00	8.45	26.80	0.21	7.11	10.98	41.15
SQU-DS	2025-06-05 12:00:00	8.57	26.79	0.22	7.07	10.96	34.96
SQU-DS	2025-06-05 12:15:00	8.67	27.11	0.23	7.03	10.94	53.23
SQU-DS	2025-06-05 12:30:00	8.76	27.28	0.15	7.09	10.92	32.86
SQU-DS	2025-06-05 12:45:00	8.86	27.12	0.19	7.09	10.90	34.42
SQU-DS	2025-06-05 13:00:00	8.95	26.97	0.20	7.07	10.90	33.25
SQU-DS	2025-06-05 13:15:00	9.07	27.06	0.21	7.07	10.88	40.01
SQU-DS	2025-06-05 13:30:00	9.15	27.03	0.19	7.11	10.86	32.15
SQU-DS	2025-06-05 13:45:00	9.24	27.18	0.20	7.12	10.85	25.90
SQU-DS	2025-06-05 14:00:00	9.36	26.93	0.22	7.10	10.84	23.71
SQU-DS	2025-06-05 14:15:00	9.46	27.20	0.22	7.09	10.81	21.11
SQU-DS	2025-06-05 14:30:00	9.58	27.08	0.16	7.11	10.78	30.78
SQU-DS	2025-06-05 14:45:00	9.68	27.09	0.20	7.12	10.76	31.45
SQU-DS	2025-06-05 15:00:00	9.78	27.30	0.21	7.09	10.74	25.68
SQU-DS	2025-06-05 15:15:00	9.87	27.27	0.22	7.04	10.71	53.32
SQU-DS	2025-06-05 15:30:00	9.98	27.30	0.19	7.14	10.67	25.61
SQU-DS	2025-06-05 15:45:00	10.07	27.56	0.21	7.15	10.65	33.13
SQU-DS	2025-06-05 16:00:00	10.15	27.49	0.22	7.13	10.63	27.90

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-05 16:15:00	10.23	27.29	0.23	7.04	10.61	27.65
SQU-DS	2025-06-05 16:30:00	10.33	27.45	0.14	7.08	10.57	36.94
SQU-DS	2025-06-05 16:45:00	10.41	27.50	0.18	7.08	10.55	36.24
SQU-DS	2025-06-05 17:00:00	10.48	27.87	0.19	7.09	10.53	28.49
SQU-DS	2025-06-05 17:15:00	10.56	27.79	0.20	7.07	10.49	27.90
SQU-DS	2025-06-05 17:30:00	10.65	27.78	0.17	7.14	10.45	25.26
SQU-DS	2025-06-05 17:45:00	10.71	28.26	0.19	7.15	10.43	30.00
SQU-DS	2025-06-05 18:00:00	10.76	28.27	0.20	6.91	10.40	37.44
SQU-DS	2025-06-05 18:15:00	10.78	28.45	0.21	6.87	10.38	23.68
SQU-DS	2025-06-05 18:30:00	10.78	28.61	0.16	7.09	10.36	26.44
SQU-DS	2025-06-05 18:45:00	10.79	28.64	0.19	7.09	10.34	36.88
SQU-DS	2025-06-05 19:00:00	10.78	28.50	0.20	7.10	10.32	35.32
SQU-DS	2025-06-05 19:15:00	10.77	28.93	0.21	7.06	10.30	41.08
SQU-DS	2025-06-05 19:30:00	10.74	29.02	0.17	7.15	10.29	36.08
SQU-DS	2025-06-05 19:45:00	10.71	29.15	0.20	7.15	10.28	32.94
SQU-DS	2025-06-05 20:00:00	10.68	28.90	0.21	7.11	10.27	43.22
SQU-DS	2025-06-05 20:15:00	10.66	28.90	0.21	7.10	10.26	42.28
SQU-DS	2025-06-05 20:30:00	10.63	28.72	0.15	7.13	10.26	46.55
SQU-DS	2025-06-05 20:45:00	10.57	28.68	0.19	7.08	10.25	42.88
SQU-DS	2025-06-05 21:00:00	10.52	28.51	0.21	7.04	10.26	34.62
SQU-DS	2025-06-05 21:15:00	10.46	28.56	0.21	7.04	10.27	46.02
SQU-DS	2025-06-05 21:30:00	10.40	28.23	0.18	7.10	10.27	42.73
SQU-DS	2025-06-05 21:45:00	10.38	28.10	0.20	7.13	10.27	35.50
SQU-DS	2025-06-05 22:00:00	10.32	27.96	0.21	6.95	10.29	35.87
SQU-DS	2025-06-05 22:15:00	10.27	27.71	0.22	6.95	10.30	70.97
SQU-DS	2025-06-05 22:30:00	10.22	27.29	0.13	7.09	10.32	49.86
SQU-DS	2025-06-05 22:45:00	10.15	27.45	0.18	7.01	10.32	52.11
SQU-DS	2025-06-05 23:00:00	10.07	27.22	0.19	7.02	10.34	62.66
SQU-DS	2025-06-05 23:15:00	10.01	27.16	0.20	6.97	10.36	61.34
SQU-DS	2025-06-05 23:30:00	9.93	26.74	0.17	7.10	10.38	45.95
SQU-DS	2025-06-05 23:45:00	9.86	26.49	0.20	7.09	10.40	59.28
SQU-DS	2025-06-06 00:00:00	9.77	26.33	0.21	6.99	10.44	55.14
SQU-DS	2025-06-06 00:15:00	9.68	26.08	0.21	7.02	10.46	51.24
SQU-DS	2025-06-06 00:30:00	9.60	25.86	0.13	7.06	10.49	46.56
SQU-DS	2025-06-06 00:45:00	9.53	25.57	0.18	7.08	10.51	56.74
SQU-DS	2025-06-06 01:00:00	9.44	25.24	0.19	7.01	10.54	74.08
SQU-DS	2025-06-06 01:15:00	9.36	25.15	0.19	7.05	10.56	52.41
SQU-DS	2025-06-06 01:30:00	9.26	24.84	0.17	7.09	10.52	46.51
SQU-DS	2025-06-06 01:45:00	9.18	24.65	0.19	7.02	10.61	68.68
SQU-DS	2025-06-06 02:00:00	9.15	24.52	0.20	7.03	10.63	74.59
SQU-DS	2025-06-06 02:15:00	9.01	24.49	0.20	7.03	10.65	94.16
SQU-DS	2025-06-06 02:30:00	8.94	24.38	0.15	7.06	10.68	48.37
SQU-DS	2025-06-06 02:45:00	8.85	24.29	0.19	7.01	10.70	65.20
SQU-DS	2025-06-06 03:00:00	8.78	24.04	0.20	7.04	10.72	70.49

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-06 03:15:00	8.68	24.00	0.21	7.04	10.75	62.94
SQU-DS	2025-06-06 03:30:00	8.64	24.02	0.17	7.05	10.71	56.48
SQU-DS	2025-06-06 03:45:00	8.56	23.80	0.19	7.03	10.77	38.97
SQU-DS	2025-06-06 04:00:00	8.52	23.62	0.20	7.03	10.78	61.54
SQU-DS	2025-06-06 04:15:00	8.44	23.65	0.21	7.04	10.80	63.32
SQU-DS	2025-06-06 04:30:00	8.40	23.47	0.14	7.04	10.81	48.60
SQU-DS	2025-06-06 04:45:00	8.36	23.34	0.18	7.03	10.82	63.24
SQU-DS	2025-06-06 05:00:00	8.26	23.36	0.20	7.06	10.85	58.17
SQU-DS	2025-06-06 05:15:00	8.22	23.18	0.20	7.09	10.85	84.48
SQU-DS	2025-06-06 05:30:00	8.18	23.10	0.18	7.07	10.83	55.49
SQU-DS	2025-06-06 05:45:00	8.14	23.07	0.20	6.99	10.87	49.62
SQU-DS	2025-06-06 06:00:00	8.10	23.03	0.20	7.09	10.89	50.63
SQU-DS	2025-06-06 06:15:00	8.07	22.99	0.21	7.10	10.90	72.36
SQU-DS	2025-06-06 06:30:00	8.06	22.99	0.14	7.02	10.91	44.31
SQU-DS	2025-06-06 06:45:00	8.02	22.98	0.18	6.99	10.92	59.60
SQU-DS	2025-06-06 07:00:00	7.99	22.95	0.19	6.97	10.94	84.08
SQU-DS	2025-06-06 07:15:00	7.98	23.01	0.20	6.97	10.93	72.43
SQU-DS	2025-06-06 07:30:00	7.97	22.94	0.17	7.02	10.96	69.42
SQU-DS	2025-06-06 07:45:00	8.00	22.90	0.19	7.05	10.96	51.07
SQU-DS	2025-06-06 08:00:00	7.98	22.81	0.20	7.04	10.97	62.56
SQU-DS	2025-06-06 08:15:00	7.94	22.90	0.21	7.02	10.98	55.16
SQU-DS	2025-06-06 08:30:00	7.95	23.30	0.17	7.00	10.99	43.54
SQU-DS	2025-06-06 08:45:00	7.99	22.99	0.20	7.04	10.99	46.36
SQU-DS	2025-06-06 09:00:00	7.98	22.95	0.21	7.03	11.02	69.51
SQU-DS	2025-06-06 09:15:00	8.02	23.13	0.21	7.04	11.01	58.57
SQU-DS	2025-06-06 09:30:00	8.07	23.16	0.18	7.06	11.01	66.08
SQU-DS	2025-06-06 09:45:00	8.11	23.36	0.20	7.04	11.01	63.06
SQU-DS	2025-06-06 10:00:00	8.15	23.08	0.22	7.06	11.02	41.88
SQU-DS	2025-06-06 10:15:00	8.21	23.25	0.22	7.03	11.02	57.70
SQU-DS	2025-06-06 10:30:00	8.25	23.36	0.19	7.04	11.02	51.48
SQU-DS	2025-06-06 10:45:00	8.36	23.32	0.21	7.00	11.01	56.23
SQU-DS	2025-06-06 11:00:00	8.39	23.38	0.22	7.02	11.01	46.00
SQU-DS	2025-06-06 11:15:00	8.45	23.33	0.23	7.03	11.01	59.69
SQU-DS	2025-06-06 11:30:00	8.54	23.26	0.20	7.07	11.00	52.23
SQU-DS	2025-06-06 11:45:00	8.59	23.36	0.21	7.08	11.00	73.63
SQU-DS	2025-06-06 12:00:00	8.65	23.49	0.22	7.07	10.98	34.45
SQU-DS	2025-06-06 12:15:00	8.72	23.64	0.23	7.06	10.98	63.42
SQU-DS	2025-06-06 12:30:00	8.76	23.53	0.19	7.05	10.96	52.70
SQU-DS	2025-06-06 12:45:00	8.82	23.55	0.21	7.08	10.95	47.26
SQU-DS	2025-06-06 13:00:00	8.94	23.59	0.22	7.06	10.93	57.96
SQU-DS	2025-06-06 13:15:00	9.06	23.39	0.22	7.08	10.91	52.06
SQU-DS	2025-06-06 13:30:00	9.15	23.55	0.20	7.11	10.91	57.04
SQU-DS	2025-06-06 13:45:00	9.29	23.66	0.21	7.11	10.86	41.54
SQU-DS	2025-06-06 14:00:00	9.36	23.63	0.23	7.06	10.85	48.94

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-06 14:15:00	9.38	23.49	0.23	7.05	10.83	51.46
SQU-DS	2025-06-06 14:30:00	9.50	23.77	0.16	7.07	10.81	45.04
SQU-DS	2025-06-06 14:45:00	9.58	23.60	0.19	7.08	10.78	48.01
SQU-DS	2025-06-06 15:00:00	9.74	23.79	0.20	7.09	10.76	43.78
SQU-DS	2025-06-06 15:15:00	9.82	23.71	0.21	7.10	10.73	46.63
SQU-DS	2025-06-06 15:30:00	9.88	23.91	0.18	7.10	10.72	35.17
SQU-DS	2025-06-06 15:45:00	9.98	24.00	0.20	7.13	10.70	53.20
SQU-DS	2025-06-06 16:00:00	10.00	24.18	0.21	7.13	10.68	43.10
SQU-DS	2025-06-06 16:15:00	10.03	24.25	0.22	7.12	10.67	52.09
SQU-DS	2025-06-06 16:30:00	10.01	24.23	0.18	7.13	10.64	36.88
SQU-DS	2025-06-06 16:45:00	10.05	24.25	0.21	7.12	10.62	35.03
SQU-DS	2025-06-06 17:00:00	10.10	24.44	0.22	7.13	10.61	46.39
SQU-DS	2025-06-06 17:15:00	10.18	24.62	0.22	7.15	10.58	41.63
SQU-DS	2025-06-06 17:30:00	10.24	24.68	0.20	7.13	10.57	35.18
SQU-DS	2025-06-06 17:45:00	10.25	24.84	0.22	7.05	10.55	42.99
SQU-DS	2025-06-06 18:00:00	10.32	25.02	0.22	7.03	10.54	44.30
SQU-DS	2025-06-06 18:15:00	10.35	25.11	0.23	7.00	10.51	47.46
SQU-DS	2025-06-06 18:30:00	10.36	25.23	0.18	7.11	10.49	35.44
SQU-DS	2025-06-06 18:45:00	10.38	25.12	0.20	7.11	10.48	36.88
SQU-DS	2025-06-06 19:00:00	10.38	25.26	0.21	7.13	10.46	46.65
SQU-DS	2025-06-06 19:15:00	10.38	25.43	0.22	7.11	10.45	33.65
SQU-DS	2025-06-06 19:30:00	10.34	25.51	0.20	7.15	10.44	37.28
SQU-DS	2025-06-06 19:45:00	10.32	25.59	0.21	7.15	10.42	35.00
SQU-DS	2025-06-06 20:00:00	10.28	25.67	0.22	7.13	10.42	34.47
SQU-DS	2025-06-06 20:15:00	10.23	25.59	0.23	7.12	10.41	42.07
SQU-DS	2025-06-06 20:30:00	10.22	25.33	0.20	7.10	10.40	49.34
SQU-DS	2025-06-06 20:45:00	10.17	25.46	0.22	7.13	10.41	56.85
SQU-DS	2025-06-06 21:00:00	10.14	25.32	0.23	7.11	10.41	37.67
SQU-DS	2025-06-06 21:15:00	10.13	25.43	0.23	6.99	10.40	39.16
SQU-DS	2025-06-06 21:30:00	10.08	25.23	0.19	7.12	10.41	37.07
SQU-DS	2025-06-06 21:45:00	10.03	25.25	0.21	7.05	10.41	39.79
SQU-DS	2025-06-06 22:00:00	10.01	24.97	0.22	7.03	10.42	49.27
SQU-DS	2025-06-06 22:15:00	9.93	24.90	0.23	7.00	10.43	52.83
SQU-DS	2025-06-06 22:30:00	9.88	24.84	0.16	7.10	10.43	37.79
SQU-DS	2025-06-06 22:45:00	9.83	24.63	0.19	7.07	10.45	47.80
SQU-DS	2025-06-06 23:00:00	9.78	25.02	0.19	7.07	10.45	50.36
SQU-DS	2025-06-06 23:15:00	9.73	24.59	0.21	6.92	10.47	57.48
SQU-DS	2025-06-06 23:30:00	9.66	24.40	0.17	7.05	10.50	43.78
SQU-DS	2025-06-06 23:45:00	9.59	24.31	0.20	7.07	10.51	37.97
SQU-DS	2025-06-07 00:00:00	9.50	24.40	0.21	7.02	10.53	59.39
SQU-DS	2025-06-07 00:15:00	9.41	24.20	0.22	7.08	10.55	51.20
SQU-DS	2025-06-07 00:30:00	9.35	23.93	0.19	7.04	10.58	46.52
SQU-DS	2025-06-07 00:45:00	9.30	23.87	0.21	7.04	10.59	53.70
SQU-DS	2025-06-07 01:00:00	9.20	23.76	0.22	7.06	10.62	49.59

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**ORP (V)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-DS	2025-06-07 01:15:00	9.14	23.60	0.23	7.07	10.63	38.04
SQU-DS	2025-06-07 01:30:00	9.08	23.45	0.21	7.05	10.66	36.13
SQU-DS	2025-06-07 01:45:00	9.01	23.32	0.21	7.05	10.67	42.83
SQU-DS	2025-06-07 02:00:00	8.94	23.27	0.23	7.02	10.69	40.08
SQU-DS	2025-06-07 02:15:00	8.88	23.14	0.23	7.07	10.71	46.49
SQU-DS	2025-06-07 02:30:00	8.84	22.94	0.20	7.04	10.72	51.84
SQU-DS	2025-06-07 02:45:00	8.78	22.82	0.22	6.97	10.73	64.73
SQU-DS	2025-06-07 03:00:00	8.69	22.75	0.23	7.04	10.76	55.87
SQU-DS	2025-06-07 03:15:00	8.71	22.56	0.24	7.05	10.77	58.27
SQU-DS	2025-06-07 03:30:00	8.65	22.48	0.21	7.04	10.78	40.11
SQU-DS	2025-06-07 03:45:00	8.53	22.63	0.22	7.04	10.81	81.62
SQU-DS	2025-06-07 04:00:00	8.51	22.38	0.24	7.02	10.82	47.68
SQU-DS	2025-06-07 04:15:00	8.40	22.35	0.24	7.03	10.85	58.36
SQU-DS	2025-06-07 04:30:00	8.41	22.33	0.20	7.00	10.85	60.93
SQU-DS	2025-06-07 04:45:00	8.34	22.33	0.22	7.02	10.86	58.00
SQU-DS	2025-06-07 05:00:00	8.33	22.23	0.23	7.00	10.86	68.87
SQU-DS	2025-06-07 05:15:00	8.29	22.17	0.24	7.01	10.86	50.48
SQU-DS	2025-06-07 05:30:00	8.25	22.10	0.21	7.01	10.89	56.28
SQU-DS	2025-06-07 05:45:00	8.18	22.15	0.22	7.03	10.92	47.28
SQU-DS	2025-06-07 06:00:00	8.20	21.87	0.23	7.01	10.91	63.62
SQU-DS	2025-06-07 06:15:00	8.17	21.93	0.24	6.94	10.90	86.15
SQU-DS	2025-06-07 06:30:00	8.15	22.00	0.20	7.00	10.92	62.85
SQU-DS	2025-06-07 06:45:00	8.11	22.06	0.22	7.01	10.94	69.08
SQU-DS	2025-06-07 07:00:00	8.11	21.97	0.24	6.97	10.95	54.56
SQU-DS	2025-06-07 07:15:00	8.08	21.94	0.24	6.99	10.95	49.14
SQU-DS	2025-06-07 07:30:00	8.13	22.04	0.21	7.04	10.94	61.98
SQU-DS	2025-06-07 07:45:00	8.04	22.18	0.22	7.02	10.97	71.09
SQU-DS	2025-06-07 08:00:00	8.04	22.03	0.23	6.99	10.99	53.94
SQU-DS	2025-06-07 08:15:00	8.06	22.10	0.24	7.02	10.99	46.39
SQU-DS	2025-06-07 08:30:00	8.09	22.05	0.20	7.02	10.99	50.87
SQU-DS	2025-06-07 08:45:00	8.07	22.15	0.21	7.02	11.00	73.46
SQU-DS	2025-06-07 09:00:00	8.07	22.16	0.23	6.99	11.01	51.87
SQU-DS	2025-06-07 09:15:00	8.09	22.55	0.23	7.02	11.02	71.01
SQU-DS	2025-06-07 09:30:00	8.11	22.49	0.21	6.97	11.03	139.09
SQU-DS	2025-06-07 09:45:00	8.18	22.48	0.22	7.01	11.02	47.60
SQU-DS	2025-06-07 10:00:00	8.19	22.36	0.23	7.04	11.03	60.47
SQU-DS	2025-06-07 10:15:00	8.20	22.92	0.24	7.01	11.03	76.75
SQU-DS	2025-06-07 10:30:00	8.26	22.52	0.21	7.03	11.05	60.27
SQU-DS	2025-06-07 10:45:00	8.32	22.54	0.23	7.04	11.04	69.40
SQU-DS	2025-06-07 11:00:00	8.43	22.42	0.24	7.05	11.03	62.27
SQU-DS	2025-06-07 11:15:00	8.43	22.67	0.25	7.02	11.05	65.52
SQU-DS	2025-06-07 11:30:00	8.54	23.00	0.21	7.05	11.03	73.48
SQU-DS	2025-06-07 11:45:00	8.62	22.95	0.22	7.03	11.01	56.09
SQU-DS	2025-06-07 12:00:00	8.70	22.90	0.23	7.04	11.01	54.15

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-07 12:15:00	8.76	22.96	0.24	7.02	10.99	41.84
SQU-DS	2025-06-07 12:30:00	8.87	23.22	0.21	7.06	10.98	61.01
SQU-DS	2025-06-07 12:45:00	8.95	23.20	0.23	7.07	10.97	37.88
SQU-DS	2025-06-07 13:00:00	9.01	23.03	0.24	7.06	10.95	48.06
SQU-DS	2025-06-07 13:15:00	9.11	23.02	0.25	7.09	10.94	75.05
SQU-DS	2025-06-07 13:30:00	9.22	23.14	0.22	7.04	10.92	75.13
SQU-DS	2025-06-07 13:45:00	9.33	23.16	0.23	7.07	10.88	53.53
SQU-DS	2025-06-07 14:00:00	9.42	23.39	0.24	7.06	10.86	49.21
SQU-DS	2025-06-07 14:15:00	9.53	23.36	0.25	7.04	10.83	56.04
SQU-DS	2025-06-07 14:30:00	9.63	23.60	0.22	7.07	10.81	38.32
SQU-DS	2025-06-07 14:45:00	9.75	23.64	0.24	7.02	10.79	54.88
SQU-DS	2025-06-07 15:00:00	9.85	23.63	0.25	7.05	10.77	47.12
SQU-DS	2025-06-07 15:15:00	9.95	23.84	0.25	7.06	10.74	59.05
SQU-DS	2025-06-07 15:30:00	10.08	23.58	0.22	7.09	10.71	60.02
SQU-DS	2025-06-07 15:45:00	10.18	23.66	0.24	7.07	10.69	48.42
SQU-DS	2025-06-07 16:00:00	10.27	23.80	0.24	7.09	10.65	41.81
SQU-DS	2025-06-07 16:15:00	10.38	23.75	0.25	7.11	10.63	58.53
SQU-DS	2025-06-07 16:30:00	10.47	23.92	0.21	7.11	10.59	42.41
SQU-DS	2025-06-07 16:45:00	10.56	23.89	0.23	7.11	10.56	42.48
SQU-DS	2025-06-07 17:00:00	10.64	24.09	0.25	7.11	10.53	44.41
SQU-DS	2025-06-07 17:15:00	10.72	24.10	0.25	7.13	10.51	43.10
SQU-DS	2025-06-07 17:30:00	10.79	24.36	0.22	7.12	10.47	41.30
SQU-DS	2025-06-07 17:45:00	10.86	24.64	0.23	7.11	10.45	44.89
SQU-DS	2025-06-07 18:00:00	10.93	24.57	0.24	7.09	10.41	34.72
SQU-DS	2025-06-07 18:15:00	10.97	24.89	0.25	7.14	10.38	41.34
SQU-DS	2025-06-07 18:30:00	11.00	24.78	0.20	7.13	10.37	46.09
SQU-DS	2025-06-07 18:45:00	11.03	24.75	0.23	7.12	10.35	33.40
SQU-DS	2025-06-07 19:00:00	11.05	24.79	0.24	7.13	10.32	56.95
SQU-DS	2025-06-07 19:15:00	11.06	24.74	0.25	7.13	10.30	43.95
SQU-DS	2025-06-07 19:30:00	11.06	24.74	0.21	7.08	10.29	34.91
SQU-DS	2025-06-07 19:45:00	11.04	24.70	0.22	7.10	10.27	40.40
SQU-DS	2025-06-07 20:00:00	11.02	24.55	0.23	7.12	10.27	42.53
SQU-DS	2025-06-07 20:15:00	10.99	24.40	0.24	7.12	10.27	51.57
SQU-DS	2025-06-07 20:30:00	10.95	24.34	0.20	7.12	10.26	55.82
SQU-DS	2025-06-07 20:45:00	10.92	24.11	0.23	7.09	10.27	47.97
SQU-DS	2025-06-07 21:00:00	10.87	24.15	0.24	7.08	10.28	48.46
SQU-DS	2025-06-07 21:15:00	10.81	23.92	0.25	7.09	10.29	80.99
SQU-DS	2025-06-07 21:30:00	10.75	23.92	0.22	7.05	10.30	59.36
SQU-DS	2025-06-07 21:45:00	10.69	23.62	0.23	7.10	10.31	50.75
SQU-DS	2025-06-07 22:00:00	10.61	23.42	0.24	7.09	10.36	67.98
SQU-DS	2025-06-07 22:15:00	10.55	23.13	0.25	7.05	10.37	66.97
SQU-DS	2025-06-07 22:30:00	10.43	23.06	0.21	7.05	10.40	61.31
SQU-DS	2025-06-07 22:45:00	10.34	22.98	0.24	7.05	10.42	73.71
SQU-DS	2025-06-07 23:00:00	10.23	22.86	0.25	6.96	10.46	75.21

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-07 23:15:00	10.15	22.50	0.26	7.00	10.47	52.43
SQU-DS	2025-06-07 23:30:00	10.05	22.37	0.22	7.04	10.51	61.95
SQU-DS	2025-06-07 23:45:00	9.92	22.27	0.23	7.01	10.56	69.04
SQU-DS	2025-06-08 00:00:00	9.81	22.10	0.24	7.04	10.57	80.66
SQU-DS	2025-06-08 00:15:00	9.70	21.92	0.25	7.04	10.60	55.34
SQU-DS	2025-06-08 00:30:00	9.59	21.78	0.21	7.02	10.65	87.37
SQU-DS	2025-06-08 00:45:00	9.51	21.58	0.23	7.03	10.66	91.52
SQU-DS	2025-06-08 01:00:00	9.40	21.51	0.25	6.99	10.69	57.59
SQU-DS	2025-06-08 01:15:00	9.30	21.29	0.26	7.01	10.72	70.95
SQU-DS	2025-06-08 01:30:00	9.22	21.08	0.22	7.03	10.74	72.34
SQU-DS	2025-06-08 01:45:00	9.13	21.34	0.23	6.99	10.76	68.66
SQU-DS	2025-06-08 02:00:00	9.04	20.95	0.25	7.01	10.80	59.89
SQU-DS	2025-06-08 02:15:00	8.94	20.81	0.25	7.00	10.81	83.40
SQU-DS	2025-06-08 02:30:00	8.91	20.74	0.23	6.97	10.81	74.16
SQU-DS	2025-06-08 02:45:00	8.80	20.91	0.24	7.02	10.86	63.35
SQU-DS	2025-06-08 03:00:00	8.70	20.74	0.26	7.00	10.89	72.56
SQU-DS	2025-06-08 03:15:00	8.69	20.63	0.26	7.01	10.88	68.87
SQU-DS	2025-06-08 03:30:00	8.62	20.42	0.23	7.02	10.89	85.48
SQU-DS	2025-06-08 03:45:00	8.52	20.46	0.24	6.97	10.92	79.09
SQU-DS	2025-06-08 04:00:00	8.52	20.35	0.25	7.00	10.92	64.54
SQU-DS	2025-06-08 04:15:00	8.43	20.43	0.26	7.00	10.93	68.43
SQU-DS	2025-06-08 04:30:00	8.43	20.36	0.22	7.01	10.94	69.95
SQU-DS	2025-06-08 04:45:00	8.40	20.33	0.24	7.00	10.94	61.13
SQU-DS	2025-06-08 05:00:00	8.34	20.49	0.25	6.98	10.96	73.14
SQU-DS	2025-06-08 05:15:00	8.33	20.29	0.26	6.97	10.97	68.73
SQU-DS	2025-06-08 05:30:00	8.28	20.29	0.22	6.99	10.96	98.30
SQU-DS	2025-06-08 05:45:00	8.30	20.23	0.23	7.00	10.96	63.04
SQU-DS	2025-06-08 06:00:00	8.22	20.31	0.24	7.00	10.98	81.34
SQU-DS	2025-06-08 06:15:00	8.18	20.45	0.25	6.97	10.99	99.51
SQU-DS	2025-06-08 06:30:00	8.21	20.35	0.22	6.96	10.99	85.68
SQU-DS	2025-06-08 06:45:00	8.14	20.34	0.24	6.96	11.00	59.81
SQU-DS	2025-06-08 07:00:00	8.18	20.26	0.25	6.97	10.99	81.54
SQU-DS	2025-06-08 07:15:00	8.14	20.54	0.25	7.01	11.00	103.43
SQU-DS	2025-06-08 07:30:00	8.12	20.44	0.23	6.99	11.01	66.35
SQU-DS	2025-06-08 07:45:00	8.12	20.66	0.23	6.97	11.01	210.67
SQU-DS	2025-06-08 08:00:00	8.08	20.47	0.24	7.00	11.03	74.67
SQU-DS	2025-06-08 08:15:00	8.08	20.66	0.25	6.98	11.02	66.88
SQU-DS	2025-06-08 08:30:00	8.14	20.51	0.22	6.90	11.01	72.08
SQU-DS	2025-06-08 08:45:00	8.15	20.89	0.24	6.95	11.06	67.03
SQU-DS	2025-06-08 09:00:00	8.14	20.71	0.25	6.99	11.05	68.96
SQU-DS	2025-06-08 09:15:00	8.21	20.73	0.26	6.98	11.04	64.59
SQU-DS	2025-06-08 09:30:00	8.21	20.87	0.23	7.02	11.05	52.96
SQU-DS	2025-06-08 09:45:00	8.23	20.96	0.23	7.01	11.06	73.54
SQU-DS	2025-06-08 10:00:00	8.24	21.04	0.25	6.99	11.07	62.75

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-08 10:15:00	8.32	21.07	0.25	7.02	11.06	81.18
SQU-DS	2025-06-08 10:30:00	8.34	21.04	0.23	6.97	11.05	73.39
SQU-DS	2025-06-08 10:45:00	8.36	21.37	0.25	6.99	11.07	81.51
SQU-DS	2025-06-08 11:00:00	8.43	21.21	0.26	7.01	11.05	76.89
SQU-DS	2025-06-08 11:15:00	8.49	21.46	0.26	7.01	11.04	47.88
SQU-DS	2025-06-08 11:30:00	8.53	21.24	0.23	7.04	11.04	81.19
SQU-DS	2025-06-08 11:45:00	8.59	21.58	0.24	7.03	11.04	74.35
SQU-DS	2025-06-08 12:00:00	8.66	21.41	0.25	7.04	11.02	65.28
SQU-DS	2025-06-08 12:15:00	8.76	21.66	0.26	7.05	11.02	70.16
SQU-DS	2025-06-08 12:30:00	8.86	21.59	0.23	7.03	10.99	58.10
SQU-DS	2025-06-08 12:45:00	8.95	21.66	0.25	7.02	10.99	75.13
SQU-DS	2025-06-08 13:00:00	9.06	21.61	0.26	7.03	10.97	55.79
SQU-DS	2025-06-08 13:15:00	9.15	21.53	0.27	6.95	10.94	48.12
SQU-DS	2025-06-08 13:30:00	9.25	21.85	0.23	7.05	10.91	54.23
SQU-DS	2025-06-08 13:45:00	9.36	21.70	0.24	7.04	10.90	89.17
SQU-DS	2025-06-08 14:00:00	9.42	22.03	0.25	6.98	10.88	49.51
SQU-DS	2025-06-08 14:15:00	9.54	22.00	0.26	7.05	10.84	54.52
SQU-DS	2025-06-08 14:30:00	9.65	22.18	0.24	7.01	10.82	52.49
SQU-DS	2025-06-08 14:45:00	9.79	21.93	0.25	7.05	10.80	57.69
SQU-DS	2025-06-08 15:00:00	9.90	22.26	0.26	7.03	10.77	48.43
SQU-DS	2025-06-08 15:15:00	10.00	22.33	0.27	7.06	10.74	58.56
SQU-DS	2025-06-08 15:30:00	10.12	22.39	0.23	7.06	10.70	53.89
SQU-DS	2025-06-08 15:45:00	10.21	22.42	0.24	7.07	10.68	50.61
SQU-DS	2025-06-08 16:00:00	10.33	22.37	0.26	6.98	10.64	57.51
SQU-DS	2025-06-08 16:15:00	10.44	22.60	0.26	7.08	10.61	46.38
SQU-DS	2025-06-08 16:30:00	10.53	22.51	0.23	7.09	10.58	69.05
SQU-DS	2025-06-08 16:45:00	10.63	22.84	0.25	7.06	10.54	46.27
SQU-DS	2025-06-08 17:00:00	10.73	22.72	0.26	7.10	10.51	57.33
SQU-DS	2025-06-08 17:15:00	10.82	22.80	0.26	7.09	10.48	64.88
SQU-DS	2025-06-08 17:30:00	10.91	22.79	0.23	7.09	10.45	47.80
SQU-DS	2025-06-08 17:45:00	10.98	22.92	0.25	6.99	10.43	52.51
SQU-DS	2025-06-08 18:00:00	11.05	22.98	0.26	7.07	10.39	52.93
SQU-DS	2025-06-08 18:15:00	11.10	22.88	0.26	7.06	10.37	54.34
SQU-DS	2025-06-08 18:30:00	11.15	23.13	0.23	7.09	10.35	51.96
SQU-DS	2025-06-08 18:45:00	11.18	23.11	0.25	7.09	10.31	68.54
SQU-DS	2025-06-08 19:00:00	11.20	22.75	0.26	7.05	10.31	64.49
SQU-DS	2025-06-08 19:15:00	11.22	22.64	0.27	7.10	10.28	63.26
SQU-DS	2025-06-08 19:30:00	11.23	22.91	0.24	7.01	10.26	63.06
SQU-DS	2025-06-08 19:45:00	11.21	22.72	0.25	7.06	10.24	62.27
SQU-DS	2025-06-08 20:00:00	11.19	22.63	0.26	7.11	10.27	84.27
SQU-DS	2025-06-08 20:15:00	11.17	22.56	0.27	7.03	10.29	77.14
SQU-DS	2025-06-08 20:30:00	11.14	22.19	0.24	7.06	10.32	82.74
SQU-DS	2025-06-08 20:45:00	11.10	22.24	0.25	7.03	10.32	95.66
SQU-DS	2025-06-08 21:00:00	11.03	22.05	0.26	7.04	10.32	86.60

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-08 21:15:00	10.95	21.61	0.27	7.02	10.35	86.20
SQU-DS	2025-06-08 21:30:00	10.85	21.45	0.23	6.99	10.37	112.48
SQU-DS	2025-06-08 21:45:00	10.75	21.21	0.24	7.00	10.39	99.22
SQU-DS	2025-06-08 22:00:00	10.64	21.23	0.25	7.00	10.40	96.87
SQU-DS	2025-06-08 22:15:00	10.52	21.05	0.26	6.98	10.45	129.78
SQU-DS	2025-06-08 22:30:00	10.43	21.09	0.24	6.93	10.48	112.91
SQU-DS	2025-06-08 22:45:00	10.31	20.95	0.24	7.02	10.52	107.74
SQU-DS	2025-06-08 23:00:00	10.20	20.57	0.26	7.02	10.55	93.05
SQU-DS	2025-06-08 23:15:00	10.10	20.56	0.26	7.01	10.58	125.92
SQU-DS	2025-06-08 23:30:00	9.99	20.28	0.24	6.92	10.60	111.89
SQU-DS	2025-06-08 23:45:00	9.86	20.34	0.24	6.99	10.64	109.43
SQU-US	2025-06-02 09:15:00	6.84	31.02	0.29	6.97	11.81	41.72
SQU-US	2025-06-02 09:30:00	6.90	31.04	0.30	6.94	11.79205322	45.32
SQU-US	2025-06-02 09:45:00	6.98	31.12	0.28	7.01	11.78850555	52.05
SQU-US	2025-06-02 10:00:00	7.05	31.43	0.28	6.99	11.78731155	45.07
SQU-US	2025-06-02 10:15:00	7.13	31.29	0.29	7.01	11.77706051	40.34
SQU-US	2025-06-02 10:30:00	7.21	31.77	0.29	6.98	11.78090954	41.54
SQU-US	2025-06-02 10:45:00	7.33	31.80	0.30	6.97	11.76471138	45.18
SQU-US	2025-06-02 11:00:00	7.46	31.58	0.30	6.97	11.74492455	53.78
SQU-US	2025-06-02 11:15:00	7.52	31.58	0.30	6.96	11.73803425	48.60
SQU-US	2025-06-02 11:30:00	7.61	31.60	0.30	6.98	11.72807407	60.13
SQU-US	2025-06-02 11:45:00	7.73	31.79	0.29	6.96	11.69865513	36.83
SQU-US	2025-06-02 12:00:00	7.82	31.73	0.29	6.97	11.67963886	42.31
SQU-US	2025-06-02 12:15:00	7.92	31.79	0.29	7.02	11.68632412	40.59
SQU-US	2025-06-02 12:30:00	8.04	31.46	0.29	7.03	11.66803169	36.67
SQU-US	2025-06-02 12:45:00	8.12	31.29	0.30	7.01	11.66460419	37.84
SQU-US	2025-06-02 13:00:00	8.24	31.13	0.30	7.02	11.6370697	44.23
SQU-US	2025-06-02 13:15:00	8.37	31.91	0.31	6.98	11.60062408	31.78
SQU-US	2025-06-02 13:30:00	8.48	31.98	0.31	6.99	11.56232738	32.89
SQU-US	2025-06-02 13:45:00	8.59	31.90	0.29	7.00	11.54250145	32.82
SQU-US	2025-06-02 14:00:00	8.69	31.61	0.29	6.97	11.53553772	50.06
SQU-US	2025-06-02 14:15:00	8.80	31.44	0.30	7.02	11.52351856	44.31
SQU-US	2025-06-02 14:30:00	8.93	31.67	0.30	7.05	11.48593044	32.60
SQU-US	2025-06-02 14:45:00	9.06	31.82	0.30	7.01	11.44242191	39.24
SQU-US	2025-06-02 15:00:00	9.17	32.07	0.30	7.02	11.43	53.90
SQU-US	2025-06-02 15:15:00	9.30	32.09	0.30	7.03	11.38	33.76
SQU-US	2025-06-02 15:30:00	9.42	32.10	0.31	7.01	11.37	35.06
SQU-US	2025-06-02 15:45:00	9.54	32.12	0.30	7.04	11.32	42.42
SQU-US	2025-06-02 16:00:00	9.66	32.69	0.29	7.08	11.28	30.30
SQU-US	2025-06-02 16:15:00	9.69	32.57	0.30	6.96	11.26	36.77
SQU-US	2025-06-02 16:30:00	9.72	32.79	0.30	7.05	11.23	35.64
SQU-US	2025-06-02 16:45:00	9.75	32.88	0.30	7.02	11.24	52.87
SQU-US	2025-06-02 17:00:00	9.76	32.84	0.30	7.02	11.24	36.25
SQU-US	2025-06-02 17:15:00	9.77	32.48	0.30	7.02	11.23	46.11

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-02 17:30:00	9.78	32.17	0.31	7.04	11.24	41.10
SQU-US	2025-06-02 17:45:00	9.75	32.44	0.29	7.07	11.22	31.44
SQU-US	2025-06-02 18:00:00	9.77	32.77	0.29	7.02	11.19	32.11
SQU-US	2025-06-02 18:15:00	9.77	33.09	0.29	7.05	11.16	38.90
SQU-US	2025-06-02 18:30:00	9.77	33.13	0.30	6.97	11.15	33.90
SQU-US	2025-06-02 18:45:00	9.73	33.17	0.29	7.03	11.12	34.29
SQU-US	2025-06-02 19:00:00	9.69	33.16	0.30	7.00	11.12	54.11
SQU-US	2025-06-02 19:15:00	9.63	33.35	0.30	7.03	11.11	32.41
SQU-US	2025-06-02 19:30:00	9.57	33.01	0.30	7.04	11.12	39.52
SQU-US	2025-06-02 19:45:00	9.48	33.12	0.29	7.06	11.13	37.14
SQU-US	2025-06-02 20:00:00	9.39	33.15	0.28	7.09	11.12	47.82
SQU-US	2025-06-02 20:15:00	9.31	33.16	0.29	7.01	11.11	39.10
SQU-US	2025-06-02 20:30:00	9.23	33.24	0.29	7.08	11.11	47.65
SQU-US	2025-06-02 20:45:00	9.16	33.17	0.29	7.03	11.11	28.99
SQU-US	2025-06-02 21:00:00	9.11	33.25	0.29	7.03	11.11	35.75
SQU-US	2025-06-02 21:15:00	9.04	32.99	0.30	7.02	11.15	44.14
SQU-US	2025-06-02 21:30:00	8.98	33.25	0.30	7.03	11.12	36.67
SQU-US	2025-06-02 21:45:00	8.90	32.88	0.29	7.04	11.15	34.31
SQU-US	2025-06-02 22:00:00	8.87	32.57	0.28	7.10	11.14	39.73
SQU-US	2025-06-02 22:15:00	8.79	33.18	0.28	7.05	11.14	38.15
SQU-US	2025-06-02 22:30:00	8.72	32.78	0.28	7.04	11.17	32.80
SQU-US	2025-06-02 22:45:00	8.66	32.48	0.29	6.99	11.19	40.49
SQU-US	2025-06-02 23:00:00	8.62	32.68	0.29	7.04	11.18	44.58
SQU-US	2025-06-02 23:15:00	8.54	32.64	0.29	7.05	11.20	39.10
SQU-US	2025-06-02 23:30:00	8.46	32.27	0.29	7.05	11.25	31.54
SQU-US	2025-06-02 23:45:00	8.39	32.38	0.29	7.07	11.26	42.58
SQU-US	2025-06-03 00:00:00	8.35	32.25	0.28	7.10	11.26	39.01
SQU-US	2025-06-03 00:15:00	8.27	32.31	0.28	7.07	11.28	28.74
SQU-US	2025-06-03 00:30:00	8.19	32.33	0.28	7.00	11.29	34.28
SQU-US	2025-06-03 00:45:00	8.13	32.11	0.28	7.02	11.32	38.06
SQU-US	2025-06-03 01:00:00	8.06	32.24	0.28	7.05	11.33	26.08
SQU-US	2025-06-03 01:15:00	8.00	32.66	0.29	7.04	11.33	27.78
SQU-US	2025-06-03 01:30:00	7.92	32.69	0.29	7.03	11.35	23.97
SQU-US	2025-06-03 01:45:00	7.85	32.78	0.26	7.07	11.36	47.80
SQU-US	2025-06-03 02:00:00	7.82	32.63	0.26	7.05	11.36	36.65
SQU-US	2025-06-03 02:15:00	7.73	32.76	0.27	7.03	11.40	31.93
SQU-US	2025-06-03 02:30:00	7.67	32.41	0.28	7.03	11.40	31.76
SQU-US	2025-06-03 02:45:00	7.62	32.64	0.29	6.99	11.40	40.08
SQU-US	2025-06-03 03:00:00	7.58	33.02	0.29	6.97	11.38	30.08
SQU-US	2025-06-03 03:15:00	7.55	33.14	0.29	6.93	11.39	37.98
SQU-US	2025-06-03 03:30:00	7.51	33.51	0.30	6.93	11.37	41.36
SQU-US	2025-06-03 03:45:00	7.45	33.11	0.28	6.96	11.38	56.73
SQU-US	2025-06-03 04:00:00	7.38	33.11	0.28	6.96	11.40	28.85
SQU-US	2025-06-03 04:15:00	7.37	32.86	0.28	6.99	11.43	32.11

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-03 04:30:00	7.33	32.26	0.28	6.99	11.44	29.95
SQU-US	2025-06-03 04:45:00	7.26	32.53	0.29	6.97	11.46	38.93
SQU-US	2025-06-03 05:00:00	7.22	32.64	0.29	6.97	11.49	32.61
SQU-US	2025-06-03 05:15:00	7.18	32.37	0.30	6.97	11.50	27.52
SQU-US	2025-06-03 05:30:00	7.15	31.93	0.30	6.97	11.51	29.72
SQU-US	2025-06-03 05:45:00	7.08	32.23	0.28	6.96	11.54	29.04
SQU-US	2025-06-03 06:00:00	7.12	31.92	0.29	6.94	11.54	33.07
SQU-US	2025-06-03 06:15:00	7.03	31.90	0.28	7.01	11.56	33.09
SQU-US	2025-06-03 06:30:00	7.01	31.71	0.28	7.01	11.59	32.60
SQU-US	2025-06-03 06:45:00	7.01	31.86	0.29	6.99	11.60	39.17
SQU-US	2025-06-03 07:00:00	6.99	31.70	0.30	6.93	11.62	32.40
SQU-US	2025-06-03 07:15:00	7.01	31.68	0.30	6.97	11.62	27.26
SQU-US	2025-06-03 07:30:00	7.00	31.48	0.30	7.01	11.66	31.73
SQU-US	2025-06-03 07:45:00	7.01	31.56	0.28	7.02	11.65	38.90
SQU-US	2025-06-03 08:00:00	6.99	31.69	0.28	7.02	11.67	34.70
SQU-US	2025-06-03 08:15:00	7.04	31.95	0.28	7.04	11.69	27.83
SQU-US	2025-06-03 08:30:00	7.05	31.65	0.28	7.03	11.71	37.48
SQU-US	2025-06-03 08:45:00	7.09	31.79	0.29	7.01	11.72	31.48
SQU-US	2025-06-03 09:00:00	7.12	32.04	0.28	7.03	11.71	33.51
SQU-US	2025-06-03 09:15:00	7.18	32.15	0.29	7.00	11.69	23.22
SQU-US	2025-06-03 09:30:00	7.25	32.11	0.30	7.01	11.71	27.05
SQU-US	2025-06-03 09:45:00	7.29	32.12	0.30	7.04	11.71	25.07
SQU-US	2025-06-03 10:00:00	7.36	32.15	0.29	7.01	11.72	32.17
SQU-US	2025-06-03 10:15:00	7.47	32.11	0.29	7.08	11.70	36.39
SQU-US	2025-06-03 10:30:00	7.54	32.35	0.29	7.07	11.71	30.65
SQU-US	2025-06-03 10:45:00	7.62	32.27	0.30	7.03	11.71	31.21
SQU-US	2025-06-03 11:00:00	7.74	32.46	0.30	7.01	11.70	76.17
SQU-US	2025-06-03 11:15:00	7.85	32.20	0.31	7.02	11.70	29.14
SQU-US	2025-06-03 11:30:00	7.94	32.49	0.30	7.05	11.69	29.64
SQU-US	2025-06-03 11:45:00	8.03	32.24	0.30	7.07	11.69	38.24
SQU-US	2025-06-03 12:00:00	8.12	32.26	0.29	7.07	11.68	32.03
SQU-US	2025-06-03 12:15:00	8.22	32.49	0.30	7.03	11.65	48.00
SQU-US	2025-06-03 12:30:00	8.33	32.22	0.30	7.08	11.64	33.75
SQU-US	2025-06-03 12:45:00	8.44	32.79	0.30	7.00	11.61	28.35
SQU-US	2025-06-03 13:00:00	8.56	32.67	0.31	7.04	11.58	28.10
SQU-US	2025-06-03 13:15:00	8.68	32.72	0.31	7.05	11.56	36.83
SQU-US	2025-06-03 13:30:00	8.80	32.24	0.31	7.00	11.54	27.46
SQU-US	2025-06-03 13:45:00	8.90	32.25	0.29	7.11	11.53	19.91
SQU-US	2025-06-03 14:00:00	9.01	32.36	0.31	6.94	11.50	32.39
SQU-US	2025-06-03 14:15:00	9.12	32.41	0.30	7.06	11.47	27.93
SQU-US	2025-06-03 14:30:00	9.25	32.73	0.30	7.09	11.43	26.22
SQU-US	2025-06-03 14:45:00	9.35	32.57	0.30	7.04	11.39	24.35
SQU-US	2025-06-03 15:00:00	9.44	32.54	0.31	7.05	11.35	22.92
SQU-US	2025-06-03 15:15:00	9.45	32.95	0.32	7.00	11.33	29.12

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-03 15:30:00	9.49	32.72	0.31	7.08	11.29	27.84
SQU-US	2025-06-03 15:45:00	9.59	32.78	0.30	7.08	11.27	28.71
SQU-US	2025-06-03 16:00:00	9.75	32.98	0.30	7.07	11.24	28.15
SQU-US	2025-06-03 16:15:00	9.87	33.22	0.30	7.09	11.19	25.27
SQU-US	2025-06-03 16:30:00	9.96	33.27	0.30	7.10	11.18	27.61
SQU-US	2025-06-03 16:45:00	10.01	33.59	0.30	7.06	11.14	32.74
SQU-US	2025-06-03 17:00:00	10.06	33.78	0.30	7.06	11.11	26.84
SQU-US	2025-06-03 17:15:00	10.12	33.57	0.31	7.01	11.09	28.00
SQU-US	2025-06-03 17:30:00	10.16	33.09	0.31	7.07	11.07	23.80
SQU-US	2025-06-03 17:45:00	10.21	33.36	0.30	7.09	11.06	21.38
SQU-US	2025-06-03 18:00:00	10.22	33.19	0.29	7.10	11.04	32.72
SQU-US	2025-06-03 18:15:00	10.19	33.62	0.30	7.07	11.04	24.39
SQU-US	2025-06-03 18:30:00	10.16	33.66	0.30	7.04	11.01	26.53
SQU-US	2025-06-03 18:45:00	10.16	33.55	0.30	7.02	11.00	37.58
SQU-US	2025-06-03 19:00:00	10.17	33.80	0.30	7.06	10.99	29.70
SQU-US	2025-06-03 19:15:00	10.14	33.66	0.31	7.01	10.96	24.09
SQU-US	2025-06-03 19:30:00	10.13	34.12	0.30	7.06	10.92	27.27
SQU-US	2025-06-03 19:45:00	10.10	33.94	0.29	7.13	10.91	25.39
SQU-US	2025-06-03 20:00:00	10.06	34.17	0.28		10.91	23.18
SQU-US	2025-06-03 20:15:00	10.03	34.42	0.28	7.08	10.89	21.50
SQU-US	2025-06-03 20:30:00	10.00	34.00	0.28	7.09	10.89	23.63
SQU-US	2025-06-03 20:45:00	9.96	34.06	0.29	7.04	10.86	38.33
SQU-US	2025-06-03 21:00:00	9.91	34.37	0.29	7.06	10.86	24.69
SQU-US	2025-06-03 21:15:00	9.87	33.74	0.30	7.03	10.87	30.80
SQU-US	2025-06-03 21:30:00	9.80	33.85	0.30	7.04	10.88	20.96
SQU-US	2025-06-03 21:45:00	9.75	33.66	0.29	7.11	10.88	30.13
SQU-US	2025-06-03 22:00:00	9.69	33.22	0.28	7.10	10.89	27.88
SQU-US	2025-06-03 22:15:00	9.58	33.26	0.28	7.12	10.90	25.96
SQU-US	2025-06-03 22:30:00	9.49	33.09	0.28	7.06	10.92	23.77
SQU-US	2025-06-03 22:45:00	9.41	32.92	0.28	7.03	10.94	24.81
SQU-US	2025-06-03 23:00:00	9.31	32.67	0.29	7.05	10.98	33.40
SQU-US	2025-06-03 23:15:00	9.20	33.13	0.30	7.04	11.00	72.90
SQU-US	2025-06-03 23:30:00	9.08	32.90	0.29	7.07	11.04	30.25
SQU-US	2025-06-03 23:45:00	9.00	32.76	0.29	7.08	11.06	40.22
SQU-US	2025-06-04 00:00:00	8.92	32.87	0.27	7.11	11.08	25.95
SQU-US	2025-06-04 00:15:00	8.84	32.87	0.28	7.07	11.10	25.44
SQU-US	2025-06-04 00:30:00	8.73	32.42	0.27	7.06	11.13	26.37
SQU-US	2025-06-04 00:45:00	8.66	32.40	0.28	7.05	11.14	24.19
SQU-US	2025-06-04 01:00:00	8.60	32.19	0.29	7.05	11.16	28.66
SQU-US	2025-06-04 01:15:00	8.52	32.00	0.29	7.05	11.19	31.15
SQU-US	2025-06-04 01:30:00	8.45	32.20	0.30	7.04	11.19	24.35
SQU-US	2025-06-04 01:45:00	8.40	31.96	0.29	7.09	11.22	29.49
SQU-US	2025-06-04 02:00:00	8.35	32.14	0.26	7.08	11.20	25.02
SQU-US	2025-06-04 02:15:00	8.28	31.41	0.27	7.10	11.24	34.08

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-04 02:30:00	8.21	31.32	0.28	7.07	11.26	28.76
SQU-US	2025-06-04 02:45:00	8.18	31.20	0.29	6.99	11.26	25.55
SQU-US	2025-06-04 03:00:00	8.11	30.97	0.29	7.03	11.28	31.50
SQU-US	2025-06-04 03:15:00	8.01	30.99	0.30	7.04	11.31	26.83
SQU-US	2025-06-04 03:30:00	7.94	30.75	0.30	7.01	11.32	27.33
SQU-US	2025-06-04 03:45:00	7.88	30.64	0.30	7.03	11.35	28.94
SQU-US	2025-06-04 04:00:00	7.82	30.62	0.28	6.98	11.35	25.91
SQU-US	2025-06-04 04:15:00	7.76	30.56	0.28	7.07	11.36	27.93
SQU-US	2025-06-04 04:30:00	7.70	30.53	0.28	7.07	11.38	31.98
SQU-US	2025-06-04 04:45:00	7.66	30.72	0.29	6.97	11.37	31.60
SQU-US	2025-06-04 05:00:00	7.60	30.75	0.30	6.96	11.40	27.88
SQU-US	2025-06-04 05:15:00	7.56	30.64	0.30	6.96	11.41	28.38
SQU-US	2025-06-04 05:30:00	7.50	30.24	0.30	6.99	11.44	23.94
SQU-US	2025-06-04 05:45:00	7.47	29.96	0.30	7.02	11.45	27.89
SQU-US	2025-06-04 06:00:00	7.40	29.85	0.28	7.05	11.48	27.75
SQU-US	2025-06-04 06:15:00	7.33	29.97	0.28	6.99	11.49	31.32
SQU-US	2025-06-04 06:30:00	7.33	29.53	0.28	7.00	11.52	26.27
SQU-US	2025-06-04 06:45:00	7.30	29.45	0.29	7.01	11.55	36.16
SQU-US	2025-06-04 07:00:00	7.27	29.56	0.30	6.99	11.56	36.42
SQU-US	2025-06-04 07:15:00	7.25	29.39	0.30	7.00	11.58	25.27
SQU-US	2025-06-04 07:30:00	7.25	29.62	0.31	7.01	11.60	32.54
SQU-US	2025-06-04 07:45:00	7.24	29.53	0.27	7.05	11.62	32.09
SQU-US	2025-06-04 08:00:00	7.22	29.56	0.28	7.02	11.66	35.34
SQU-US	2025-06-04 08:15:00	7.27	29.63	0.29	7.04	11.65	30.51
SQU-US	2025-06-04 08:30:00	7.24	29.76	0.29	7.04	11.66	26.67
SQU-US	2025-06-04 08:45:00	7.30	29.63	0.30	7.00	11.66	29.08
SQU-US	2025-06-04 09:00:00	7.30	29.42	0.30	7.01	11.68	26.15
SQU-US	2025-06-04 09:15:00	7.35	29.49	0.30	6.99	11.67	26.31
SQU-US	2025-06-04 09:30:00	7.33	29.92	0.30	7.02	11.67	33.77
SQU-US	2025-06-04 09:45:00	7.37	29.85	0.30	7.01	11.67	29.29
SQU-US	2025-06-04 10:00:00	7.41	30.25	0.29		11.67	29.17
SQU-US	2025-06-04 10:15:00	7.45	30.54	0.29	6.99	11.66	30.13
SQU-US	2025-06-04 10:30:00	7.58	30.44	0.29	7.06	11.65	28.61
SQU-US	2025-06-04 10:45:00	7.63	30.42	0.30	6.99	11.65	26.75
SQU-US	2025-06-04 11:00:00	7.73	30.48	0.30	7.00	11.61	34.21
SQU-US	2025-06-04 11:15:00	7.81	30.67	0.28	6.96	11.63	29.57
SQU-US	2025-06-04 11:30:00	7.90	30.44	0.30	6.99	11.65	30.62
SQU-US	2025-06-04 11:45:00	8.01	30.27	0.30	7.05	11.61	30.91
SQU-US	2025-06-04 12:00:00	8.10	29.99	0.29	7.06	11.61	23.41
SQU-US	2025-06-04 12:15:00	8.21	30.21	0.29	7.08	11.60	32.24
SQU-US	2025-06-04 12:30:00	8.31	29.93	0.29	7.09	11.59	26.33
SQU-US	2025-06-04 12:45:00	8.46	29.79	0.30	7.02	11.56	27.50
SQU-US	2025-06-04 13:00:00	8.58	29.86	0.31	7.02	11.55	33.16
SQU-US	2025-06-04 13:15:00	8.71	29.74	0.31	7.01	11.52	26.86

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-04 13:30:00	8.83	30.13	0.31	7.03	11.50	24.61
SQU-US	2025-06-04 13:45:00	8.88	29.98	0.31	7.09	11.48	25.32
SQU-US	2025-06-04 14:00:00	8.87	30.07	0.30	7.08	11.44	30.38
SQU-US	2025-06-04 14:15:00	8.89	30.09	0.30	7.02	11.43	23.04
SQU-US	2025-06-04 14:30:00	8.94	30.08	0.30	7.01	11.40	24.85
SQU-US	2025-06-04 14:45:00	8.99	30.67	0.31	7.01	11.37	35.08
SQU-US	2025-06-04 15:00:00	9.16	30.56	0.31	7.03	11.35	29.86
SQU-US	2025-06-04 15:15:00	9.33	30.68	0.31	7.02	11.30	23.51
SQU-US	2025-06-04 15:30:00	9.47	30.71	0.31	7.04	11.27	26.60
SQU-US	2025-06-04 15:45:00	9.60	30.22	0.31	7.05	11.24	28.96
SQU-US	2025-06-04 16:00:00	9.72	30.68	0.30	6.99	11.22	21.85
SQU-US	2025-06-04 16:15:00	9.85	30.87	0.31	6.94	11.18	22.12
SQU-US	2025-06-04 16:30:00	9.95	31.06	0.30	7.02	11.14	24.21
SQU-US	2025-06-04 16:45:00	9.99	30.99	0.30	7.04	11.12	26.20
SQU-US	2025-06-04 17:00:00	10.07	30.72	0.31	7.03	11.08	28.17
SQU-US	2025-06-04 17:15:00	10.09	31.14	0.31	6.97	11.06	24.59
SQU-US	2025-06-04 17:30:00	10.07	31.19	0.31	7.04	11.03	29.45
SQU-US	2025-06-04 17:45:00	10.07	31.23	0.29	7.09	11.02	24.95
SQU-US	2025-06-04 18:00:00	10.09	31.28	0.29	7.05	11.01	24.24
SQU-US	2025-06-04 18:15:00	10.12	31.57	0.30	7.02	10.98	20.14
SQU-US	2025-06-04 18:30:00	10.12	31.56	0.29	7.05	10.99	22.09
SQU-US	2025-06-04 18:45:00	10.11	31.86	0.30	7.01	10.96	24.82
SQU-US	2025-06-04 19:00:00	10.05	31.60	0.30	7.00	10.96	23.52
SQU-US	2025-06-04 19:15:00	10.02	31.20	0.31	7.06	10.95	25.60
SQU-US	2025-06-04 19:30:00	9.99	31.70	0.31	7.00	10.94	26.36
SQU-US	2025-06-04 19:45:00	9.95	31.87	0.29	7.06	10.92	23.58
SQU-US	2025-06-04 20:00:00	9.90	31.80	0.28	7.09	10.91	22.62
SQU-US	2025-06-04 20:15:00	9.84	32.03	0.29	7.06	10.92	26.18
SQU-US	2025-06-04 20:30:00	9.78	32.20	0.29	7.00	10.91	24.91
SQU-US	2025-06-04 20:45:00	9.70	31.92	0.29	7.00	10.91	20.71
SQU-US	2025-06-04 21:00:00	9.62	31.97	0.30	6.98	10.92	26.21
SQU-US	2025-06-04 21:15:00	9.54	31.77	0.30	7.04	10.94	26.73
SQU-US	2025-06-04 21:30:00	9.47	32.27	0.31	6.92	10.94	26.60
SQU-US	2025-06-04 21:45:00	9.40	32.25	0.30	7.03	10.96	26.54
SQU-US	2025-06-04 22:00:00	9.33	32.23	0.29	7.09	10.96	32.12
SQU-US	2025-06-04 22:15:00	9.29	32.43	0.29	7.04	10.96	26.20
SQU-US	2025-06-04 22:30:00	9.19	32.08	0.29	7.02	11.00	27.23
SQU-US	2025-06-04 22:45:00	9.13	32.58	0.29	6.99	10.99	23.09
SQU-US	2025-06-04 23:00:00	9.04	32.24	0.29	7.01	11.03	32.56
SQU-US	2025-06-04 23:15:00	8.96	32.08	0.30	7.03	11.05	28.59
SQU-US	2025-06-04 23:30:00	8.91	32.06	0.30	7.01	11.07	25.11
SQU-US	2025-06-04 23:45:00	8.82	31.79	0.30	7.08	11.09	26.57
SQU-US	2025-06-05 00:00:00	8.77	31.47	0.28	7.10	11.11	25.33
SQU-US	2025-06-05 00:15:00	8.70	31.24	0.28	7.07	11.13	27.70

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-05 00:30:00	8.66	31.05	0.28	7.04	11.15	27.78
SQU-US	2025-06-05 00:45:00	8.60	30.85	0.29	7.02	11.16	23.85
SQU-US	2025-06-05 01:00:00	8.51	30.78	0.30	6.99	11.18	39.64
SQU-US	2025-06-05 01:15:00	8.45	30.53	0.30	7.02	11.20	25.54
SQU-US	2025-06-05 01:30:00	8.39	30.55	0.30	6.99	11.20	27.58
SQU-US	2025-06-05 01:45:00	8.32	30.31	0.29	7.05	11.23	26.41
SQU-US	2025-06-05 02:00:00	8.24	30.18	0.28	7.02	11.25	25.78
SQU-US	2025-06-05 02:15:00	8.18	30.24	0.28	7.03	11.28	23.30
SQU-US	2025-06-05 02:30:00	8.12	30.52	0.28	7.02	11.28	29.90
SQU-US	2025-06-05 02:45:00	8.08	30.10	0.29	6.93	11.31	25.32
SQU-US	2025-06-05 03:00:00	8.00	30.18	0.30	6.97	11.33	20.77
SQU-US	2025-06-05 03:15:00	7.94	30.08	0.30	7.02	11.34	33.39
SQU-US	2025-06-05 03:30:00	7.93	29.79	0.30	7.01	11.34	25.75
SQU-US	2025-06-05 03:45:00	7.87	29.89	0.30	7.01	11.36	26.88
SQU-US	2025-06-05 04:00:00	7.81	29.73	0.28	6.97	11.37	19.83
SQU-US	2025-06-05 04:15:00	7.74	29.96	0.28	7.00	11.39	25.83
SQU-US	2025-06-05 04:30:00	7.69	29.89	0.29	6.98	11.39	23.37
SQU-US	2025-06-05 04:45:00	7.67	29.72	0.29	6.98	11.39	27.38
SQU-US	2025-06-05 05:00:00	7.60	29.87	0.30	6.97	11.40	26.93
SQU-US	2025-06-05 05:15:00	7.56	29.70	0.30	6.96	11.42	26.54
SQU-US	2025-06-05 05:30:00	7.51	29.61	0.31	6.96	11.43	24.06
SQU-US	2025-06-05 05:45:00	7.50	29.69	0.31	6.98	11.43	26.58
SQU-US	2025-06-05 06:00:00	7.43	29.49	0.29	6.91	11.46	21.63
SQU-US	2025-06-05 06:15:00	7.41	29.50	0.29	7.00	11.46	25.92
SQU-US	2025-06-05 06:30:00	7.35	29.31	0.29	6.99	11.50	27.04
SQU-US	2025-06-05 06:45:00	7.35	29.11	0.30	6.94	11.53	22.68
SQU-US	2025-06-05 07:00:00	7.33	29.11	0.30	6.99	11.54	25.66
SQU-US	2025-06-05 07:15:00	7.30	29.02	0.31	7.00	11.56	27.57
SQU-US	2025-06-05 07:30:00	7.27	29.03	0.31	6.97	11.60	21.38
SQU-US	2025-06-05 07:45:00	7.32	28.95	0.32	6.96	11.58	27.51
SQU-US	2025-06-05 08:00:00	7.30	28.78	0.30	7.01	11.60	24.76
SQU-US	2025-06-05 08:15:00	7.30	28.99	0.30	7.03	11.61	22.96
SQU-US	2025-06-05 08:30:00	7.30	29.06	0.30	7.00	11.64	24.28
SQU-US	2025-06-05 08:45:00	7.35	29.28	0.30	6.99	11.64	22.93
SQU-US	2025-06-05 09:00:00	7.40	29.14	0.31	7.00	11.64	26.23
SQU-US	2025-06-05 09:15:00	7.45	29.13	0.31	6.97	11.65	24.41
SQU-US	2025-06-05 09:30:00	7.46	29.19	0.31	7.00	11.66	20.91
SQU-US	2025-06-05 09:45:00	7.54	29.36	0.32	7.03	11.66	21.10
SQU-US	2025-06-05 10:00:00	7.60	29.70	0.29	7.05	11.65	27.85
SQU-US	2025-06-05 10:15:00	7.70	29.67	0.29	7.03	11.64	21.84
SQU-US	2025-06-05 10:30:00	7.78	29.59	0.29	7.01	11.63	23.52
SQU-US	2025-06-05 10:45:00	7.86	29.48	0.30	6.96	11.62	20.90
SQU-US	2025-06-05 11:00:00	7.98	29.35	0.30	7.01	11.63	20.24
SQU-US	2025-06-05 11:15:00	8.05	29.37	0.31	7.02	11.61	27.41

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-05 11:30:00	8.15	29.44	0.32	7.00	11.59	26.84
SQU-US	2025-06-05 11:45:00	8.25	29.27	0.32	7.03	11.59	29.42
SQU-US	2025-06-05 12:00:00	8.36	29.79	0.30	7.04	11.56	21.87
SQU-US	2025-06-05 12:15:00	8.48	29.86	0.30	7.02	11.54	24.69
SQU-US	2025-06-05 12:30:00	8.60	30.06	0.30	7.05	11.50	19.65
SQU-US	2025-06-05 12:45:00	8.69	29.98	0.30	7.01	11.50	31.53
SQU-US	2025-06-05 13:00:00	8.81	29.77	0.31	7.03	11.49	24.10
SQU-US	2025-06-05 13:15:00	8.92	29.85	0.32	7.01	11.45	23.65
SQU-US	2025-06-05 13:30:00	9.04	29.40	0.32	7.05	11.45	25.13
SQU-US	2025-06-05 13:45:00	9.15	29.53	0.32	7.09	11.42	21.07
SQU-US	2025-06-05 14:00:00	9.27	29.62	0.30	7.09	11.39	20.08
SQU-US	2025-06-05 14:15:00	9.39	29.78	0.30	7.06	11.37	22.17
SQU-US	2025-06-05 14:30:00	9.50	29.73	0.30	7.05	11.34	22.96
SQU-US	2025-06-05 14:45:00	9.61	29.88	0.31	7.05	11.32	21.97
SQU-US	2025-06-05 15:00:00	9.72	30.00	0.32	6.99	11.27	34.54
SQU-US	2025-06-05 15:15:00	9.83	29.84	0.32	7.03	11.25	19.54
SQU-US	2025-06-05 15:30:00	9.93	30.27	0.32	7.06	11.19	22.97
SQU-US	2025-06-05 15:45:00	10.04	30.26	0.32	7.07	11.17	20.81
SQU-US	2025-06-05 16:00:00	10.14	29.94	0.30	7.08	11.14	19.87
SQU-US	2025-06-05 16:15:00	10.22	29.96	0.30	7.10	11.13	21.82
SQU-US	2025-06-05 16:30:00	10.33	30.13	0.31	7.00	11.07	16.16
SQU-US	2025-06-05 16:45:00	10.41	30.23	0.31	7.06	11.04	24.96
SQU-US	2025-06-05 17:00:00	10.49	30.71	0.31	6.99	11.00	22.78
SQU-US	2025-06-05 17:15:00	10.57	30.47	0.31	7.06	10.97	21.59
SQU-US	2025-06-05 17:30:00	10.66	30.60	0.32	7.05	10.95	26.08
SQU-US	2025-06-05 17:45:00	10.73	31.22	0.32	7.02	10.91	20.38
SQU-US	2025-06-05 18:00:00	10.77	31.20	0.29	7.12	10.88	29.84
SQU-US	2025-06-05 18:15:00	10.79	31.57	0.30	7.01	10.84	23.16
SQU-US	2025-06-05 18:30:00	10.78	31.30	0.29	7.10	10.85	19.65
SQU-US	2025-06-05 18:45:00	10.79	31.19	0.30	7.04	10.82	23.26
SQU-US	2025-06-05 19:00:00	10.77	31.38	0.31	7.07	10.79	21.81
SQU-US	2025-06-05 19:15:00	10.75	31.20	0.31	7.06	10.78	26.75
SQU-US	2025-06-05 19:30:00	10.71	31.74	0.31	7.08	10.77	32.09
SQU-US	2025-06-05 19:45:00	10.68	31.74	0.31	7.07	10.76	27.97
SQU-US	2025-06-05 20:00:00	10.64	31.65	0.29	7.06	10.75	25.28
SQU-US	2025-06-05 20:15:00	10.62	31.20	0.29	7.10	10.74	36.38
SQU-US	2025-06-05 20:30:00	10.57	31.09	0.30	7.04	10.75	36.63
SQU-US	2025-06-05 20:45:00	10.51	31.09	0.30	7.03	10.76	41.26
SQU-US	2025-06-05 21:00:00	10.44	30.95	0.30	7.03	10.77	37.92
SQU-US	2025-06-05 21:15:00	10.38	30.77	0.31	7.01	10.77	31.58
SQU-US	2025-06-05 21:30:00	10.32	30.61	0.31	7.05	10.79	53.10
SQU-US	2025-06-05 21:45:00	10.28	30.47	0.30	7.02	10.78	40.00
SQU-US	2025-06-05 22:00:00	10.22	30.13	0.29	7.07	10.79	51.91
SQU-US	2025-06-05 22:15:00	10.16	29.67	0.28	7.13	10.82	47.54

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-05 22:30:00	10.10	29.72	0.29	7.03	10.84	46.35
SQU-US	2025-06-05 22:45:00	10.02	29.61	0.29	7.01	10.85	58.68
SQU-US	2025-06-05 23:00:00	9.95	29.38	0.30	7.01	10.87	48.37
SQU-US	2025-06-05 23:15:00	9.88	29.39	0.30	6.91	10.90	49.98
SQU-US	2025-06-05 23:30:00	9.79	28.84	0.30	6.95	10.92	48.88
SQU-US	2025-06-05 23:45:00	9.69	28.48	0.29	7.05	10.97	44.88
SQU-US	2025-06-06 00:00:00	9.61	27.97	0.28	7.08	11.00	41.75
SQU-US	2025-06-06 00:15:00	9.51	27.93	0.28	7.02	11.02	53.19
SQU-US	2025-06-06 00:30:00	9.42	27.61	0.29	7.00	11.05	44.71
SQU-US	2025-06-06 00:45:00	9.34	27.19	0.29	6.99	11.09	51.11
SQU-US	2025-06-06 01:00:00	9.23	27.29	0.29		11.09	48.25
SQU-US	2025-06-06 01:15:00	9.14	27.02	0.30	6.99	11.13	45.48
SQU-US	2025-06-06 01:30:00	9.04	26.52	0.31	6.98	11.16	47.66
SQU-US	2025-06-06 01:45:00	8.94	26.28	0.30	7.03	11.21	48.91
SQU-US	2025-06-06 02:00:00	8.85	26.33	0.29	6.93	11.24	40.55
SQU-US	2025-06-06 02:15:00	8.75	26.25	0.28	7.03	11.26	43.59
SQU-US	2025-06-06 02:30:00	8.66	26.01	0.29	6.99	11.28	52.14
SQU-US	2025-06-06 02:45:00	8.58	26.04	0.29	6.94	11.30	42.77
SQU-US	2025-06-06 03:00:00	8.47	25.72	0.30	6.96	11.33	47.76
SQU-US	2025-06-06 03:15:00	8.38	25.63	0.31	6.95	11.36	37.24
SQU-US	2025-06-06 03:30:00	8.34	25.60	0.31	6.96	11.37	54.51
SQU-US	2025-06-06 03:45:00	8.26	25.44	0.31	7.00	11.38	61.37
SQU-US	2025-06-06 04:00:00	8.19	25.33	0.29	6.97	11.42	49.60
SQU-US	2025-06-06 04:15:00	8.09	25.31	0.29	6.94	11.43	44.96
SQU-US	2025-06-06 04:30:00	8.06	25.25	0.29	6.90	11.44	40.54
SQU-US	2025-06-06 04:45:00	7.99	25.06	0.30	6.96	11.45	39.49
SQU-US	2025-06-06 05:00:00	7.93	25.07	0.30	6.95	11.48	49.38
SQU-US	2025-06-06 05:15:00	7.87	24.83	0.31	6.92	11.50	49.44
SQU-US	2025-06-06 05:30:00	7.81	24.82	0.31	6.97	11.49	44.33
SQU-US	2025-06-06 05:45:00	7.76	24.80	0.31	6.99	11.51	39.65
SQU-US	2025-06-06 06:00:00	7.76	24.52	0.29	6.97	11.53	45.60
SQU-US	2025-06-06 06:15:00	7.69	24.64	0.29	7.01	11.55	48.40
SQU-US	2025-06-06 06:30:00	7.65	24.68	0.29	6.98	11.55	43.13
SQU-US	2025-06-06 06:45:00	7.58	24.73	0.30	6.87	11.59	37.91
SQU-US	2025-06-06 07:00:00	7.59	24.64	0.30	6.96	11.60	48.76
SQU-US	2025-06-06 07:15:00	7.58	24.84	0.31	6.95	11.59	46.80
SQU-US	2025-06-06 07:30:00	7.56	24.72	0.31	6.96	11.61	48.37
SQU-US	2025-06-06 07:45:00	7.53	24.89	0.31	7.02	11.63	43.87
SQU-US	2025-06-06 08:00:00	7.51	24.74	0.30	6.96	11.65	46.07
SQU-US	2025-06-06 08:15:00	7.55	24.85	0.30	6.97	11.65	42.82
SQU-US	2025-06-06 08:30:00	7.53	25.12	0.29	6.97	11.67	40.34
SQU-US	2025-06-06 08:45:00	7.55	24.93	0.30	6.95	11.67	48.35
SQU-US	2025-06-06 09:00:00	7.57	24.81	0.30	6.99	11.70	52.31
SQU-US	2025-06-06 09:15:00	7.61	25.26	0.31	6.99	11.68	41.39

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-06 09:30:00	7.66	25.37	0.31	6.99	11.68	41.80
SQU-US	2025-06-06 09:45:00	7.69	25.43	0.31	6.97	11.70	40.39
SQU-US	2025-06-06 10:00:00	7.73	25.37	0.29	6.98	11.69	36.09
SQU-US	2025-06-06 10:15:00	7.83	25.55	0.29	7.03	11.70	37.57
SQU-US	2025-06-06 10:30:00	7.93	25.45	0.29	7.03	11.67	37.92
SQU-US	2025-06-06 10:45:00	7.98	25.55	0.30	6.98	11.68	36.28
SQU-US	2025-06-06 11:00:00	8.04	25.77	0.30	7.00	11.69	42.60
SQU-US	2025-06-06 11:15:00	8.09	25.85	0.31	7.00	11.68	38.24
SQU-US	2025-06-06 11:30:00	8.19	25.82	0.32	6.95	11.65	38.31
SQU-US	2025-06-06 11:45:00	8.28	25.81	0.30	7.07	11.63	29.20
SQU-US	2025-06-06 12:00:00	8.39	25.85	0.29	7.06	11.63	31.51
SQU-US	2025-06-06 12:15:00	8.50	25.92	0.30	7.05	11.60	43.05
SQU-US	2025-06-06 12:30:00	8.52	25.84	0.30	7.06	11.59	39.02
SQU-US	2025-06-06 12:45:00	8.58	26.05	0.30	7.01	11.57	35.82
SQU-US	2025-06-06 13:00:00	8.72	26.02	0.31	7.02	11.53	34.50
SQU-US	2025-06-06 13:15:00	8.84	25.96	0.31	7.04	11.52	25.35
SQU-US	2025-06-06 13:30:00	8.97	26.20	0.31	6.97	11.50	33.61
SQU-US	2025-06-06 13:45:00	9.13	25.97	0.31	7.06	11.46	49.63
SQU-US	2025-06-06 14:00:00	9.20	25.88	0.30	7.04	11.43	38.53
SQU-US	2025-06-06 14:15:00	9.24	26.04	0.30	7.04	11.41	32.68
SQU-US	2025-06-06 14:30:00	9.37	26.06	0.30	7.02	11.37	33.26
SQU-US	2025-06-06 14:45:00	9.45	26.00	0.30	7.07	11.34	48.69
SQU-US	2025-06-06 15:00:00	9.60	26.30	0.31	7.03	11.31	31.54
SQU-US	2025-06-06 15:15:00	9.71	26.17	0.31	7.05	11.30	45.49
SQU-US	2025-06-06 15:30:00	9.79	26.32	0.31	7.06	11.28	27.69
SQU-US	2025-06-06 15:45:00	9.88	26.42	0.30	7.11	11.26	39.89
SQU-US	2025-06-06 16:00:00	9.90	26.56	0.29	7.08	11.23	30.52
SQU-US	2025-06-06 16:15:00	9.92	26.71	0.29	7.10	11.22	29.61
SQU-US	2025-06-06 16:30:00	9.89	26.55	0.30	7.06	11.19	28.87
SQU-US	2025-06-06 16:45:00	9.92	26.67	0.30	7.06	11.17	26.94
SQU-US	2025-06-06 17:00:00	10.00	26.79	0.31	7.07	11.14	40.09
SQU-US	2025-06-06 17:15:00	10.04	26.90	0.30	7.10	11.12	29.49
SQU-US	2025-06-06 17:30:00	10.11	26.90	0.31	7.04	11.11	35.43
SQU-US	2025-06-06 17:45:00	10.11	27.31	0.30	7.07	11.08	34.77
SQU-US	2025-06-06 18:00:00	10.18	27.47	0.29	7.06	11.06	33.34
SQU-US	2025-06-06 18:15:00	10.22	27.59	0.29	7.05	11.03	33.71
SQU-US	2025-06-06 18:30:00	10.21	27.88	0.29	7.11	11.01	28.14
SQU-US	2025-06-06 18:45:00	10.23	27.77	0.30	7.06	10.99	31.19
SQU-US	2025-06-06 19:00:00	10.23	28.03	0.30	7.05	10.97	33.22
SQU-US	2025-06-06 19:15:00	10.23	28.05	0.31	7.07	10.96	31.80
SQU-US	2025-06-06 19:30:00	10.18	27.95	0.31	7.04	10.96	32.76
SQU-US	2025-06-06 19:45:00	10.15	28.18	0.31	7.01	10.95	29.67
SQU-US	2025-06-06 20:00:00	10.12	28.16	0.29	7.07	10.93	38.93
SQU-US	2025-06-06 20:15:00	10.09	27.82	0.29	7.02	10.91	26.94

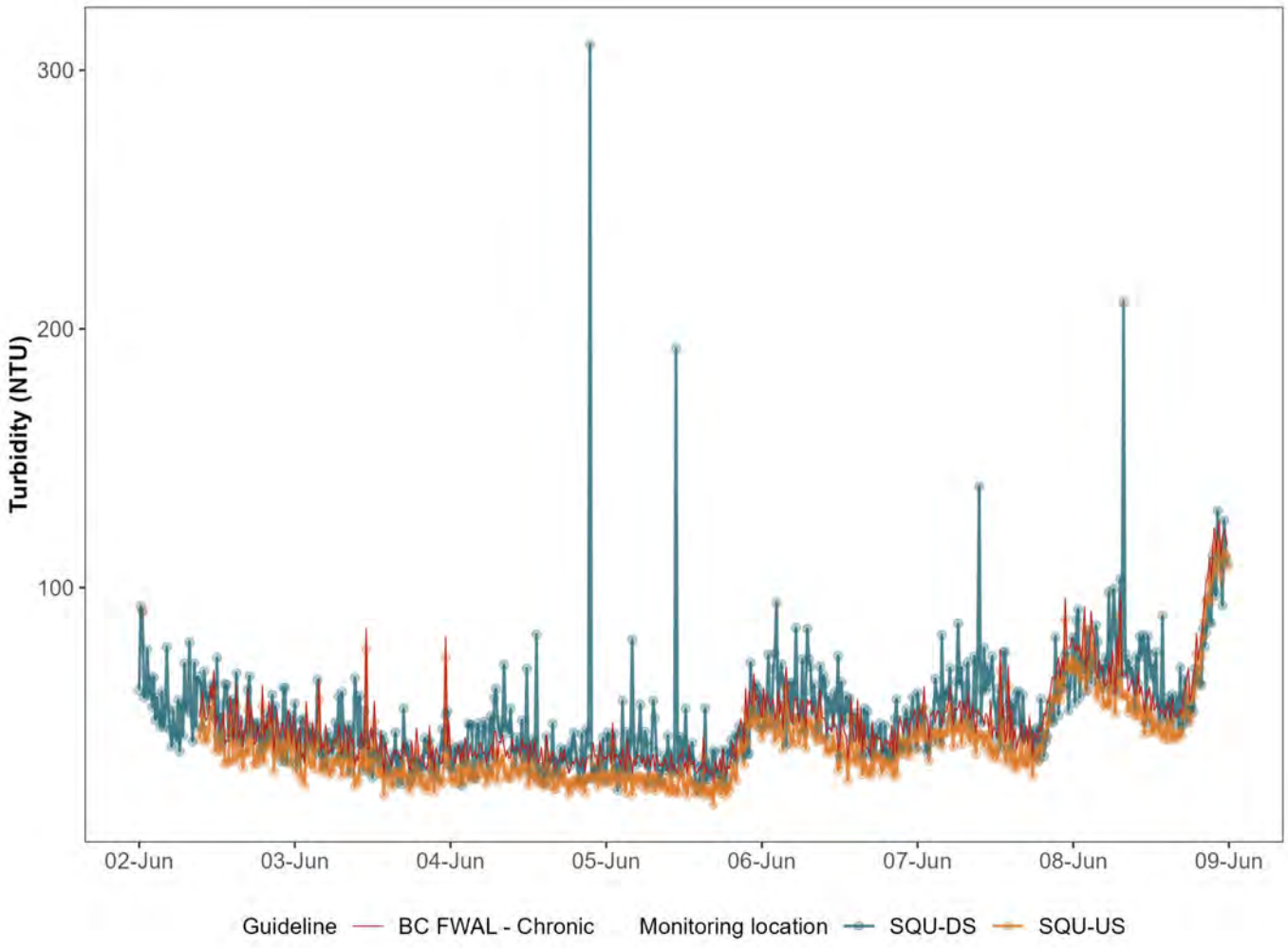
Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-06 20:30:00	10.04	27.84	0.29	7.10	10.93	38.01
SQU-US	2025-06-06 20:45:00	9.98	28.14	0.30	7.01	10.93	27.85
SQU-US	2025-06-06 21:00:00	9.95	27.84	0.30	7.01	10.92	35.35
SQU-US	2025-06-06 21:15:00	9.92	27.81	0.31	7.04	10.93	42.13
SQU-US	2025-06-06 21:30:00	9.88	27.30	0.31	6.99	10.94	39.08
SQU-US	2025-06-06 21:45:00	9.83	27.31	0.30	7.07	10.95	35.69
SQU-US	2025-06-06 22:00:00	9.78	27.22	0.29	7.06	10.96	40.08
SQU-US	2025-06-06 22:15:00	9.71	27.02	0.29	7.05	10.97	40.81
SQU-US	2025-06-06 22:30:00	9.66	26.75	0.29	7.06	10.99	37.20
SQU-US	2025-06-06 22:45:00	9.59	26.90	0.30	6.99	11.00	34.66
SQU-US	2025-06-06 23:00:00	9.53	26.40	0.30	7.00	11.03	40.97
SQU-US	2025-06-06 23:15:00	9.43	26.84	0.31	6.95	11.04	41.34
SQU-US	2025-06-06 23:30:00	9.36	26.65	0.31	6.99	11.07	44.67
SQU-US	2025-06-06 23:45:00	9.29	26.43	0.31	7.02	11.08	42.76
SQU-US	2025-06-07 00:00:00	9.23	26.10	0.29	6.99	11.11	37.09
SQU-US	2025-06-07 00:15:00	9.12	26.07	0.30	7.01	11.13	45.95
SQU-US	2025-06-07 00:30:00	9.08	25.83	0.30	6.97	11.16	44.03
SQU-US	2025-06-07 00:45:00	9.03	25.73	0.30	6.96	11.16	42.37
SQU-US	2025-06-07 01:00:00	8.91	25.70	0.31	6.91	11.20	53.61
SQU-US	2025-06-07 01:15:00	8.83	25.55	0.31	6.97	11.22	41.68
SQU-US	2025-06-07 01:30:00	8.79	25.33	0.31	6.97	11.26	41.36
SQU-US	2025-06-07 01:45:00	8.70	25.25	0.31	7.01	11.27	32.97
SQU-US	2025-06-07 02:00:00	8.62	24.94	0.29	6.97	11.29	42.71
SQU-US	2025-06-07 02:15:00	8.57	24.85	0.29	6.95	11.33	43.94
SQU-US	2025-06-07 02:30:00	8.47	24.95	0.29	6.98	11.35	43.99
SQU-US	2025-06-07 02:45:00	8.38	24.53	0.30	6.96	11.38	39.93
SQU-US	2025-06-07 03:00:00	8.31	24.45	0.30	6.95	11.39	44.41
SQU-US	2025-06-07 03:15:00	8.26	24.45	0.30	6.95	11.41	43.63
SQU-US	2025-06-07 03:30:00	8.20	24.49	0.32	6.84	11.43	43.33
SQU-US	2025-06-07 03:45:00	8.16	24.39	0.31	6.94	11.44	38.24
SQU-US	2025-06-07 04:00:00	8.13	24.09	0.30	6.87	11.47	43.34
SQU-US	2025-06-07 04:15:00	8.02	24.01	0.30	6.99	11.48	43.98
SQU-US	2025-06-07 04:30:00	8.03	24.03	0.30	6.96	11.48	43.94
SQU-US	2025-06-07 04:45:00	7.92	24.02	0.30	6.95	11.51	48.35
SQU-US	2025-06-07 05:00:00	7.88	24.01	0.31	6.97	11.51	53.76
SQU-US	2025-06-07 05:15:00	7.85	24.02	0.32	6.92	11.53	45.79
SQU-US	2025-06-07 05:30:00	7.78	23.93	0.32	6.90	11.55	38.52
SQU-US	2025-06-07 05:45:00	7.79	23.80	0.32	6.94	11.55	45.48
SQU-US	2025-06-07 06:00:00	7.70	23.92	0.30	6.97	11.56	44.49
SQU-US	2025-06-07 06:15:00	7.66	23.92	0.30	6.97	11.59	45.60
SQU-US	2025-06-07 06:30:00	7.68	24.05	0.30	6.94	11.58	48.26
SQU-US	2025-06-07 06:45:00	7.66	23.97	0.31	6.97	11.60	39.46
SQU-US	2025-06-07 07:00:00	7.63	23.90	0.31	6.95	11.62	47.92
SQU-US	2025-06-07 07:15:00	7.60	23.92	0.32	6.91	11.65	45.36

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-07 07:30:00	7.58	24.08	0.32	6.94	11.62	43.42
SQU-US	2025-06-07 07:45:00	7.58	24.19	0.32	6.92	11.64	51.60
SQU-US	2025-06-07 08:00:00	7.58	24.07	0.30	6.92	11.63	40.69
SQU-US	2025-06-07 08:15:00	7.56	24.37	0.30	6.99	11.67	43.34
SQU-US	2025-06-07 08:30:00	7.62	24.33	0.30	6.87	11.68	47.22
SQU-US	2025-06-07 08:45:00	7.61	24.43	0.30	6.93	11.67	40.35
SQU-US	2025-06-07 09:00:00	7.64	24.23	0.31	6.96	11.68	35.77
SQU-US	2025-06-07 09:15:00	7.65	24.63	0.32	6.93	11.69	44.49
SQU-US	2025-06-07 09:30:00	7.72	24.52	0.32	6.98	11.68	43.20
SQU-US	2025-06-07 09:45:00	7.74	24.87	0.31	6.96	11.68	42.67
SQU-US	2025-06-07 10:00:00	7.83	24.68	0.30	6.94	11.68	42.08
SQU-US	2025-06-07 10:15:00	7.89	25.09	0.30	6.97	11.68	38.62
SQU-US	2025-06-07 10:30:00	7.90	24.94	0.29	7.04	11.69	43.08
SQU-US	2025-06-07 10:45:00	7.97	24.87	0.30	6.95	11.69	42.65
SQU-US	2025-06-07 11:00:00	8.07	25.02	0.31	7.00	11.70	36.54
SQU-US	2025-06-07 11:15:00	8.22	24.70	0.31	6.95	11.71	47.99
SQU-US	2025-06-07 11:30:00	8.24	25.33	0.32	6.96	11.66	34.36
SQU-US	2025-06-07 11:45:00	8.32	25.81	0.32	6.97	11.65	38.34
SQU-US	2025-06-07 12:00:00	8.41	25.22	0.30	7.03	11.64	36.54
SQU-US	2025-06-07 12:15:00	8.51	25.35	0.30	7.05	11.60	33.91
SQU-US	2025-06-07 12:30:00	8.63	25.65	0.30	7.03	11.59	37.89
SQU-US	2025-06-07 12:45:00	8.72	25.75	0.30	6.99	11.58	67.84
SQU-US	2025-06-07 13:00:00	8.80	25.53	0.31	6.98	11.56	40.96
SQU-US	2025-06-07 13:15:00	8.92	25.32	0.32	7.04	11.53	46.54
SQU-US	2025-06-07 13:30:00	9.04	26.14	0.32	7.02	11.50	32.32
SQU-US	2025-06-07 13:45:00	9.18	25.83	0.32	6.97	11.47	35.44
SQU-US	2025-06-07 14:00:00	9.29	25.99	0.31	7.00	11.43	61.72
SQU-US	2025-06-07 14:15:00	9.41	25.94	0.31	6.97	11.39	33.20
SQU-US	2025-06-07 14:30:00	9.54	26.07	0.30	7.05	11.36	45.37
SQU-US	2025-06-07 14:45:00	9.66	26.44	0.31	7.00	11.32	31.02
SQU-US	2025-06-07 15:00:00	9.78	26.61	0.31	7.00	11.29	37.31
SQU-US	2025-06-07 15:15:00	9.91	26.34	0.32	6.98	11.26	29.54
SQU-US	2025-06-07 15:30:00	10.01	26.48	0.32	7.01	11.23	32.76
SQU-US	2025-06-07 15:45:00	10.12	26.53	0.32	7.09	11.19	34.48
SQU-US	2025-06-07 16:00:00	10.23	26.47	0.30	7.08	11.16	40.29
SQU-US	2025-06-07 16:15:00	10.34	26.56	0.30	7.08	11.13	32.36
SQU-US	2025-06-07 16:30:00	10.45	26.55	0.30	7.06	11.10	31.81
SQU-US	2025-06-07 16:45:00	10.55	26.44	0.30	7.06	11.07	38.50
SQU-US	2025-06-07 17:00:00	10.63	26.66	0.31	7.08	11.04	30.99
SQU-US	2025-06-07 17:15:00	10.72	26.75	0.31	7.08	11.01	42.06
SQU-US	2025-06-07 17:30:00	10.79	26.81	0.32	7.04	10.97	34.76
SQU-US	2025-06-07 17:45:00	10.86	27.04	0.31	7.13	10.94	27.19
SQU-US	2025-06-07 18:00:00	10.93	27.29	0.30	7.10	10.90	36.03
SQU-US	2025-06-07 18:15:00	10.98	27.35	0.30	6.99	10.89	35.02

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-07 18:30:00	11.02	27.08	0.30	7.08	10.85	32.49
SQU-US	2025-06-07 18:45:00	11.04	27.11	0.30	7.07	10.82	38.28
SQU-US	2025-06-07 19:00:00	11.06	27.07	0.31	7.09	10.81	36.45
SQU-US	2025-06-07 19:15:00	11.07	27.07	0.31	7.11	10.79	38.62
SQU-US	2025-06-07 19:30:00	11.07	27.13	0.31	7.08	10.77	43.57
SQU-US	2025-06-07 19:45:00	11.05	27.08	0.31	7.07	10.75	42.13
SQU-US	2025-06-07 20:00:00	11.02	26.67	0.29	7.11	10.75	48.17
SQU-US	2025-06-07 20:15:00	10.98	26.82	0.30	7.09	10.75	47.58
SQU-US	2025-06-07 20:30:00	10.94	26.45	0.30	7.03	10.76	52.33
SQU-US	2025-06-07 20:45:00	10.90	26.52	0.30	7.03	10.74	57.36
SQU-US	2025-06-07 21:00:00	10.84	26.18	0.31	7.00	10.78	56.46
SQU-US	2025-06-07 21:15:00	10.77	25.97	0.31	7.01	10.78	56.69
SQU-US	2025-06-07 21:30:00	10.70	25.77	0.31	7.03	10.82	61.91
SQU-US	2025-06-07 21:45:00	10.63	25.54	0.32	7.02	10.83	64.91
SQU-US	2025-06-07 22:00:00	10.55	25.42	0.30	6.98	10.87	56.44
SQU-US	2025-06-07 22:15:00	10.44	25.04	0.30	7.01	10.89	64.73
SQU-US	2025-06-07 22:30:00	10.34	25.15	0.31	7.01	10.94	59.86
SQU-US	2025-06-07 22:45:00	10.23	24.71	0.31	6.86	10.97	87.82
SQU-US	2025-06-07 23:00:00	10.10	24.49	0.31	6.97	11.01	69.57
SQU-US	2025-06-07 23:15:00	10.01	24.35	0.31	6.96	11.03	68.84
SQU-US	2025-06-07 23:30:00	9.87	24.08	0.32	6.88	11.08	68.73
SQU-US	2025-06-07 23:45:00	9.74	23.83	0.32	6.97	11.12	72.64
SQU-US	2025-06-08 00:00:00	9.62	23.73	0.30		11.16	71.04
SQU-US	2025-06-08 00:15:00	9.49	23.69	0.29	6.99	11.20	67.81
SQU-US	2025-06-08 00:30:00	9.37	23.38	0.30	6.92	11.24	70.09
SQU-US	2025-06-08 00:45:00	9.27	23.49	0.30	6.93	11.25	67.21
SQU-US	2025-06-08 01:00:00	9.15	22.96	0.31	6.89	11.30	69.54
SQU-US	2025-06-08 01:15:00	9.03	22.94	0.32	6.90	11.34	64.13
SQU-US	2025-06-08 01:30:00	8.91	22.56	0.32	6.92	11.38	74.39
SQU-US	2025-06-08 01:45:00	8.83	22.92	0.32	6.92	11.39	84.55
SQU-US	2025-06-08 02:00:00	8.72	22.50	0.30	6.97	11.42	60.19
SQU-US	2025-06-08 02:15:00	8.65	22.26	0.30	6.89	11.44	65.17
SQU-US	2025-06-08 02:30:00	8.56	22.59	0.30	6.92	11.46	68.82
SQU-US	2025-06-08 02:45:00	8.46	22.37	0.30	6.91	11.48	82.86
SQU-US	2025-06-08 03:00:00	8.38	22.09	0.31	6.92	11.53	75.52
SQU-US	2025-06-08 03:15:00	8.33	22.14	0.31	6.93	11.52	72.25
SQU-US	2025-06-08 03:30:00	8.28	22.04	0.32	6.87	11.55	59.96
SQU-US	2025-06-08 03:45:00	8.20	21.81	0.31	6.90	11.57	57.11
SQU-US	2025-06-08 04:00:00	8.14	21.77	0.30	6.91	11.60	63.94
SQU-US	2025-06-08 04:15:00	8.09	21.86	0.30	6.90	11.58	60.54
SQU-US	2025-06-08 04:30:00	8.01	22.03	0.30	6.88	11.61	61.29
SQU-US	2025-06-08 04:45:00	8.01	21.97	0.30	6.90	11.61	54.88
SQU-US	2025-06-08 05:00:00	7.94	21.98	0.31	6.92	11.63	54.03
SQU-US	2025-06-08 05:15:00	7.92	21.93	0.31	6.92	11.64	55.35

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-08 05:30:00	7.83	22.00	0.32	6.88	11.63	63.46
SQU-US	2025-06-08 05:45:00	7.84	22.08	0.31	6.89	11.65	54.44
SQU-US	2025-06-08 06:00:00	7.81	22.02	0.30	6.89	11.63	67.55
SQU-US	2025-06-08 06:15:00	7.78	22.09	0.30	6.88	11.65	60.89
SQU-US	2025-06-08 06:30:00	7.73	22.18	0.30	6.97	11.65	51.30
SQU-US	2025-06-08 06:45:00	7.77	21.81	0.31	6.86	11.69	73.11
SQU-US	2025-06-08 07:00:00	7.72	22.01	0.32	6.85	11.66	61.83
SQU-US	2025-06-08 07:15:00	7.72	22.30	0.32	6.90	11.67	89.74
SQU-US	2025-06-08 07:30:00	7.66	22.32	0.32	6.92	11.67	57.78
SQU-US	2025-06-08 07:45:00	7.67	22.53	0.32	6.91	11.68	58.65
SQU-US	2025-06-08 08:00:00	7.65	22.35	0.30	6.90	11.70	58.27
SQU-US	2025-06-08 08:15:00	7.70	22.80	0.31	6.87	11.68	58.81
SQU-US	2025-06-08 08:30:00	7.66	22.56	0.30	6.99	11.71	51.74
SQU-US	2025-06-08 08:45:00	7.74	22.78	0.31	6.92	11.72	53.36
SQU-US	2025-06-08 09:00:00	7.77	22.86	0.31	6.95	11.71	57.16
SQU-US	2025-06-08 09:15:00	7.78	23.06	0.32	6.85	11.69	55.05
SQU-US	2025-06-08 09:30:00	7.82	23.07	0.32	6.90	11.73	50.66
SQU-US	2025-06-08 09:45:00	7.83	22.98	0.32	6.91	11.74	50.31
SQU-US	2025-06-08 10:00:00	7.91	23.27	0.30	6.91	11.72	59.62
SQU-US	2025-06-08 10:15:00	7.96	23.15	0.31	6.83	11.71	51.05
SQU-US	2025-06-08 10:30:00	8.03	23.28	0.32	6.93	11.71	53.88
SQU-US	2025-06-08 10:45:00	8.10	23.58	0.33	6.81	11.69	48.12
SQU-US	2025-06-08 11:00:00	8.10	23.49	0.32	6.87	11.69	43.42
SQU-US	2025-06-08 11:15:00	8.17	23.71	0.33	6.93	11.69	52.09
SQU-US	2025-06-08 11:30:00	8.22	23.77	0.33	6.87	11.68	49.44
SQU-US	2025-06-08 11:45:00	8.32	23.61	0.33	6.92	11.68	53.56
SQU-US	2025-06-08 12:00:00	8.41	23.86	0.31	6.85	11.66	44.09
SQU-US	2025-06-08 12:15:00	8.52	23.85	0.31	6.96	11.64	50.82
SQU-US	2025-06-08 12:30:00	8.66	23.79	0.32	6.85	11.62	44.47
SQU-US	2025-06-08 12:45:00	8.77	24.01	0.31	6.99	11.60	46.15
SQU-US	2025-06-08 13:00:00	8.87	23.89	0.32	6.91	11.59	47.67
SQU-US	2025-06-08 13:15:00	8.99	24.02	0.33	6.96	11.54	46.43
SQU-US	2025-06-08 13:30:00	9.09	24.33	0.33	6.95	11.51	42.65
SQU-US	2025-06-08 13:45:00	9.21	24.25	0.33	6.95	11.47	44.38
SQU-US	2025-06-08 14:00:00	9.34	24.20	0.31	6.97	11.43	44.71
SQU-US	2025-06-08 14:15:00	9.45	24.41	0.32	6.96	11.40	41.18
SQU-US	2025-06-08 14:30:00	9.59	24.33	0.31	7.00	11.36	47.73
SQU-US	2025-06-08 14:45:00	9.72	24.44	0.32	6.90	11.33	45.64
SQU-US	2025-06-08 15:00:00	9.85	24.91	0.32	6.99	11.28	41.04
SQU-US	2025-06-08 15:15:00	9.97	25.01	0.32	6.97	11.26	49.02
SQU-US	2025-06-08 15:30:00	10.09	24.95	0.32	6.97	11.21	42.27
SQU-US	2025-06-08 15:45:00	10.20	24.88	0.32	6.98	11.19	42.67
SQU-US	2025-06-08 16:00:00	10.33	24.75	0.30	7.03	11.14	41.69
SQU-US	2025-06-08 16:15:00	10.45	25.00	0.30	7.03	11.11	43.83

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**ORP (V)**	**Specific Conductivity (µS/cm)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-06-08 16:30:00	10.56	25.09	0.31	7.00	11.06	44.74
SQU-US	2025-06-08 16:45:00	10.67	25.06	0.31	6.98	11.03	43.00
SQU-US	2025-06-08 17:00:00	10.77	25.06	0.32	6.91	11.01	51.05
SQU-US	2025-06-08 17:15:00	10.87	25.48	0.31	7.04	10.96	52.06
SQU-US	2025-06-08 17:30:00	10.96	25.09	0.32	7.04	10.94	56.83
SQU-US	2025-06-08 17:45:00	11.04	24.88	0.32	7.01	10.90	60.92
SQU-US	2025-06-08 18:00:00	11.11	25.03	0.30		10.88	47.86
SQU-US	2025-06-08 18:15:00	11.16	25.18	0.30	7.06	10.85	50.96
SQU-US	2025-06-08 18:30:00	11.21	25.33	0.30	7.01	10.81	58.25
SQU-US	2025-06-08 18:45:00	11.25	25.28	0.30	7.03	10.79	61.90
SQU-US	2025-06-08 19:00:00	11.27	25.10	0.31	7.04	10.77	74.19
SQU-US	2025-06-08 19:15:00	11.28	24.72	0.32	6.99	10.75	63.96
SQU-US	2025-06-08 19:30:00	11.28	24.84	0.31	7.06	10.73	68.94
SQU-US	2025-06-08 19:45:00	11.25	24.68	0.32	7.05	10.73	73.24
SQU-US	2025-06-08 20:00:00	11.23	24.38	0.30	7.01	10.76	80.81
SQU-US	2025-06-08 20:15:00	11.22	24.75	0.30	7.05	10.79	87.12
SQU-US	2025-06-08 20:30:00	11.17	24.03	0.30	7.00	10.82	94.90
SQU-US	2025-06-08 20:45:00	11.11	23.77	0.30	6.98	10.82	95.07
SQU-US	2025-06-08 21:00:00	11.04	23.95	0.31	6.88	10.83	103.72
SQU-US	2025-06-08 21:15:00	10.94	23.68	0.31	6.95	10.84	94.86
SQU-US	2025-06-08 21:30:00	10.84	23.52	0.32	6.96	10.87	107.31
SQU-US	2025-06-08 21:45:00	10.70	22.78	0.33	6.85	10.92	115.12
SQU-US	2025-06-08 22:00:00	10.58	23.03	0.31	6.98	10.94	105.99
SQU-US	2025-06-08 22:15:00	10.45	23.14	0.32	6.92	11.00	113.47
SQU-US	2025-06-08 22:30:00	10.34	22.85	0.33	6.89	11.03	117.57
SQU-US	2025-06-08 22:45:00	10.18	22.75	0.33	6.87	11.08	103.87
SQU-US	2025-06-08 23:00:00	10.05	22.47	0.32	6.90	11.12	111.95
SQU-US	2025-06-08 23:15:00	9.94	22.24	0.33	6.83	11.15	113.76
SQU-US	2025-06-08 23:30:00	9.80	21.64	0.34	6.84	11.20	112.28
SQU-US	2025-06-08 23:45:00	9.70	21.83	0.33	6.87	11.23	108.04


Turbidity (NTU)
300
200
100
02-Jun
03-Jun
04-Jun
05-Jun
06-Jun
07-Jun
08-Jun
09-Jun
Guideline
BC FWAL - Chronic
Monitoring location
SQU-DS
SQU-US

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU DS

Site Name: SQU

Site UTM: Zone: E:

(NAD83) N:

Date: June 03, 2025

Time: 14:20

Crew: AR

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.63

Temp: 10.7 (°C)

Turbidity: 37.2 NTU

DO: (mg/L)

Cond: 54 (us)

Visible Sheen: Y (N)

Water Surface Condition: Clear (Turbid) Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

1. High water levels

2. very turbid surface


Jun 3, 2025 at 2:21:29 PM
39415–39465 Government Rd
Squamish BC V0N 1T0
Canada

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: SQU US

Site Name: SQU

Site UTM: Zone: E:

(NAD83) N:

Date: June 03, 2025

Time: 14:00

Crew: AF

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 8.96

Temp.: 11.1 (°C)

Turbidity: 26.5 NTU

DO: — (mg/L)

Cond: 83 (us)

Visible Sheen: Y (N)

Water Surface Condition: Clear (Turbid) Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

1. High water levels
2. Very turbid surface


Jun 3, 2025 at 2:02:17 PM
39469–39539 Government Rd
Squamish BC V0N 1T0
Canada

Appendix C: Woodfibre Site Point of Discharge from Water Treatment Plant Documentation

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.6
Field Temperature	°C	19	11.5
General Parameters			
pH	pH Units		7.42
Alkalinity (Total as CaCO3)	mg/L		46
Alkalinity (PP as CaCO3)	mg/L		<1
Hardness (CaCO3)-Total	mg/L		48.1
Hardness (CaCO3)-Dissolved	mg/L		46.5
Sulphide-Total	mg/L		<0.0018
Sulphide (as H2S)	mg/L		<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L		<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L		<0.005
Anions and Nutrients			
Ammonia (N)-Total	mg/L	24.3	<0.015
Bicarbonate (HCO3)	mg/L		56
Carbonate (CO3)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.3	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.127
Phosphorus (P)-Total (4500-P)	mg/L		0.0035
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	8.4
Fluoride (F)	mg/L	1.04	0.13
Sulphate (SO4)-Dissolved	mg/L		6.3
Total Metals			
Aluminum (Al)-Total	mg/L		0.125
Antimony (Sb)-Total	mg/L	0.25	0.000455
Arsenic (As)-Total	mg/L		0.000765
Barium (Ba)-Total	mg/L		0.00558
Beryllium (Be)-Total	mg/L		<0.00001
Bismuth (Bi)-Total	mg/L		<0.000005
Boron (B)-Total	mg/L		0.012
Cadmium (Cd)-Total	mg/L		0.000014
Calcium (Ca)-Total	mg/L		17.8

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

[2] Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
Total Metals (Cont'd.)			
Cesium (Cs)-Total	mg/L		<0.00005
Chromium (Cr)-Total	mg/L		<0.0001
Chromium (Cr III)-Total	mg/L		<0.00099
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L	0.11	0.00007
Copper (Cu)-Total	mg/L		0.000349
Iron (Fe)-Total	mg/L	1	0.0455
Lead (Pb)-Total	mg/L		0.000039
Lithium (Li)-Total	mg/L		0.0029
Magnesium (Mg)-Total	mg/L		0.877
Manganese (Mn)-Total	mg/L	1.07	0.0172
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.0146
Nickel (Ni)-Total	mg/L		0.000171
Phosphorus (P)-Total (ICPMS)	mg/L		0.0032
Potassium (K)-Total	mg/L		1.94
Rubidium (Rb)-Total	mg/L		0.00434
Selenium (Se)-Total	mg/L		<0.00004
Silicon (Si)-Total	mg/L		5.91
Silver (Ag)-Total	mg/L		<0.000005
Sodium (Na)-Total	mg/L		4.9
Strontium (Sr)-Total	mg/L		0.0377
Sulphur (S)-Total	mg/L		<3
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.00002
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		0.00173
Uranium (U)-Total	mg/L	0.0165	0.000474
Vanadium (V)-Total	mg/L		<0.0002
Zinc (Zn)-Total	mg/L		0.00206
Zirconium (Zr)-Total	mg/L		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.039
Antimony (Sb)-Dissolved	mg/L		0.00044
Arsenic (As)-Dissolved	mg/L		0.000757
Barium (Ba)-Dissolved	mg/L		0.00496
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.013

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

[2] Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
Dissolved Metals (Cont'd.)			
Cadmium (Cd)-Dissolved	mg/L	0.000277	0.000008
Calcium (Ca)-Dissolved	mg/L		17.2
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		<0.0001
Cobalt (Co)-Dissolved	mg/L		0.000058
Copper (Cu)-Dissolved	mg/L	0.0002	**0.000209**
Iron (Fe)-Dissolved	mg/L	0.35	<0.001
Lead (Pb)-Dissolved	mg/L		<0.000005
Lithium (Li)-Dissolved	mg/L		0.00297
Manganese (Mn)-Dissolved	mg/L		0.0161
Magnesium (Mg)-Dissolved	mg/L		0.888
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0142
Nickel (Ni)-Dissolved	mg/L	0.018	0.000163
Phosphorus (P)-Dissolved	mg/L		0.0039
Potassium (K)-Dissolved	mg/L		1.93
Rubidium (Rb)-Dissolved	mg/L		0.00408
Selenium (Se)-Dissolved	mg/L		<0.00004
Silicon (Si)-Dissolved	mg/L		5.59
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		5.1
Strontium (Sr)-Dissolved	mg/L		0.036
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.000018
Thorium (Th)-Dissolved	mg/L		<0.000005
Tin (Sn)-Dissolved	mg/L		<0.0002
Titanium (Ti)-Dissolved	mg/L		<0.0005
Uranium (U)-Dissolved	mg/L		0.000379
Vanadium (V)-Dissolved	mg/L		<0.0002
Zinc (Zn)-Dissolved	mg/L	0.021313	0.00161
Zirconium (Zr)-Dissolved	mg/L		<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L		1.1
Organic Carbon (C)-Dissolved	mg/L		1
Solids-Total Dissolved	mg/L		84
Solids-Total Suspended	mg/L	26	1.6
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

[2] Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
Organics (Cont'd.)			
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005
Anthracene	mg/L		<0.00001
Benzo(a)anthracene	mg/L		<0.00001
Benzo(a)pyrene	mg/L		<0.000005
Benzo(b&j)fluoranthene	mg/L		<0.00003
Benzo(g,h,i)perylene	mg/L		<0.00005
Benzo(k)fluoranthene	mg/L		<0.00005
Chrysene	mg/L		<0.00002
Dibenz(a,h)anthracene	mg/L		<0.000003
Fluoranthene	mg/L		<0.00002
Fluorene	mg/L		<0.00005
Indeno(1,2,3-cd)pyrene	mg/L		<0.00005
1-Methylnaphthalene	mg/L		<0.00005
2-Methylnaphthalene	mg/L		<0.0001
Naphthalene	mg/L	0.001	<0.0001
Phenanthrene	mg/L		<0.00005
Pyrene	mg/L		<0.00002
Quinoline	mg/L		<0.00002
Low Molecular Weight PAH`s	mg/L		<0.0001
High Molecular Weight PAH`s	mg/L		<0.00005
Total PAH	mg/L		<0.0001
VH C6-C10	mg/L		<0.3
1,1,1,2-Tetrachloroethane	mg/L		<0.0005
1,1,1-Trichloroethane	mg/L		<0.0005
1,1,2,2-Tetrachloroethane	mg/L		<0.0005
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L		<0.002
1,1,2-Trichloroethane	mg/L		<0.0005
1,1-Dichloroethane	mg/L		<0.0005
1,1-Dichloroethene	mg/L		<0.0005
1,2,3-trichlorobenzene	mg/L		<0.002
1,2,4-trichlorobenzene	mg/L		<0.002
1,2-dibromoethane	mg/L		<0.0002

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

[2] Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
Organics (Cont'd.)			
1,2-Dichlorobenzene	mg/L		<0.0005
1,2-Dichloroethane	mg/L		<0.0005
1,2-Dichloropropane	mg/L		<0.0005
1,3,5-trimethylbenzene	mg/L		<0.002
1,3-Butadiene	mg/L		<0.0005
1,3-Dichlorobenzene	mg/L		<0.0005
1,3-dichloropropane	mg/L		<0.001
1,4-Dichlorobenzene	mg/L		<0.0005
Benzene	mg/L		<0.0004
Bromobenzene	mg/L		<0.002
Bromodichloromethane	mg/L		<0.001
Bromoform	mg/L		<0.001
Bromomethane	mg/L		<0.001
Carbon tetrachloride	mg/L		<0.0005
Chlorobenzene	mg/L		<0.0005
Chloroethane	mg/L		<0.001
Chloroform	mg/L		<0.001
Chloromethane	mg/L		<0.001
cis-1,2-Dichloroethene	mg/L		<0.001
cis-1,3-Dichloropropene	mg/L		<0.001
Dibromochloromethane	mg/L		<0.001
Dichlorodifluoromethane	mg/L		<0.002
Dichloromethane	mg/L		<0.002
Ethylbenzene	mg/L		<0.0004
Hexachlorobutadiene	mg/L		<0.0005
Isopropylbenzene	mg/L		<0.002
Methyl-tert-butylether (MTBE)	mg/L	3.4	<0.004
Styrene	mg/L		0.0026
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004
trans-1,2-dichloroethene	mg/L		<0.001
trans-1,3-dichloropropene	mg/L		<0.001
Trichloroethene	mg/L		<0.0005
Trichlorofluoromethane	mg/L		<0.004
Vinyl chloride	mg/L		<0.0005
VPH (VH6 to 10 - BTEX)	mg/L		<0.3
Xylenes (Total)	mg/L		<0.0004
m & p-Xylene	mg/L		<0.0004
o-Xylene	mg/L		<0.0004
Phenols	mg/L	0.05	<0.0015

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-06-03 10:19:00
Acute Toxicity Tests			
Daphnia magna 48-hr LC50 bioassay [3]	% effluent		>100

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO3) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO3), and Chloride).

[2] Bold text denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

Woodfibre Site WTP Discharge Field Notes and Logs

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Table of Contents:

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to June 02 was 300,394 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
June 02	Woodfibre (WF)	2,663	Exceeded discharge volume limit
June 03	WF	2,537	Exceeded discharge volume limit
June 04	WF	2,694	Exceeded discharge volume limit
June 05	WF	2,658	Exceeded discharge volume limit
June 06	WF	2,839	Exceeded discharge volume limit
June 07	WF	2,709	Exceeded discharge volume limit
June 08	WF	2,716	Exceeded discharge volume limit
	Total	18,816	None

2. Discharge Parameter Summary:

Table 2: Discharge Parameter Summary

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	0:00:00	7.4	2.392	11.7	300,394	11.6	112
6/2/2025	0:15:00	7.4	2.343	7.6	300,429	11.6	112
6/2/2025	0:45:00	7.3	0.689	5.9	300,467	11.6	112
6/2/2025	1:00:00	7.3	2.366	6.4	300,499	11.6	112
6/2/2025	1:15:00	7.3	2.313	5.6	300,534	11.7	112
6/2/2025	1:30:00	7.4	2.275	7.7	300,569	11.7	114
6/2/2025	2:00:00	7.3	2.252	5.4	300,613	11.8	114
6/2/2025	2:15:00	7.3	2.184	7	300,647	11.8	114
6/2/2025	2:30:00	7.3	2.169	10.4	300,679	11.9	114
6/2/2025	3:00:00	7.3	2.339	7.8	300,706	11.8	114
6/2/2025	3:15:00	7.3	2.332	7.6	300,741	11.9	114
6/2/2025	3:30:00	7.3	2.252	12.2	300,776	12	114
6/2/2025	4:00:00	7.3	0.708	10.4	300,814	12	114
6/2/2025	4:15:00	7.3	2.347	6.7	300,839	11.9	114
6/2/2025	4:30:00	7.4	2.271	7.6	300,874	12.1	114
6/2/2025	4:45:00	7.4	2.222	7	300,908	12.1	114
6/2/2025	5:00:00	7.3	2.305	14.5	300,940	12.1	114
6/2/2025	5:15:00	7.3	2.207	6	300,971	12	114
6/2/2025	5:45:00	7.3	2.086	7.1	301,005	12.1	114
6/2/2025	6:00:00	7.3	2.199	5.4	301,027	11.9	114
6/2/2025	6:15:00	7.4	2.388	4.8	301,047	11.8	112
6/2/2025	6:30:00	7.4	2.320	5.9	301,082	11.9	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	6:45:00	7.4	2.282	6.2	301,117	11.9	112
6/2/2025	7:00:00	7.4	2.207	5.8	301,150	11.9	114
6/2/2025	7:15:00	7.4	2.301	7.6	301,183	11.8	114
6/2/2025	7:30:00	7.4	0.632	4.6	301,207	11.7	114
6/2/2025	7:45:00	7.4	2.422	10.9	301,240	11.8	112
6/2/2025	8:00:00	7.4	2.294	18.3	301,275	11.9	112
6/2/2025	8:15:00	7.4	2.615	9.4	301,299	13	281
6/2/2025	8:30:00	7.4	2.491	9.4	301,337	12.4	261
6/2/2025	8:45:00	7.4	1.646	7.3	301,373	12.4	112
6/2/2025	9:00:00	7.4	1.442	9.5	301,397	12.4	112
6/2/2025	9:15:00	7.4	2.668	2.4	301,427	12.2	112
6/2/2025	9:30:00	7.4	2.695	1.4	301,467	12.1	112
6/2/2025	9:45:00	7.4	0.155	0.9	301,490	12.3	112
6/2/2025	10:00:00	7.4	1.885	8.6	301,519	12	112
6/2/2025	10:15:00	7.4	0.170	2.1	301,544	12	112
6/2/2025	10:30:00	7.4	1.938	1.6	301,569	12.4	116
6/2/2025	10:45:00	7.4	2.479	0.9	301,596	12.7	117
6/2/2025	11:00:00	7.4	1.556	2	301,633	12.8	118
6/2/2025	11:15:00	7.5	2.718	4.3	301,659	12.9	118
6/2/2025	11:30:00	7.5	2.608	6	301,698	12.9	117
6/2/2025	12:00:00	7.5	2.104	15	301,732	12.7	114
6/2/2025	12:15:00	7.4	2.498	11.1	301,764	12.7	114
6/2/2025	13:00:00	7.4	2.930	4.7	301,817	12.9	114
6/2/2025	13:15:00	7.4	2.797	6.5	301,860	12.6	114
6/2/2025	13:30:00	7.3	0.223	6.9	301,880	13	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	13:45:00	7.3	2.260	4.2	301,900	12.8	259
6/2/2025	14:00:00	7.2	2.377	7.5	301,932	12.9	266
6/2/2025	14:15:00	7.2	2.074	4.1	301,963	13	269
6/2/2025	14:30:00	7.2	1.980	0.1	301,982	12.8	269
6/2/2025	14:45:00	7.2	2.373	0.4	302,015	13	269
6/2/2025	15:00:00	7.2	2.350	0.3	302,050	13	271
6/2/2025	15:15:00	7.2	2.350	0.3	302,085	13	269
6/2/2025	15:30:00	7.2	2.419	5.4	302,106	12.8	266
6/2/2025	15:45:00	7.2	2.267	0.6	302,132	13	264
6/2/2025	16:00:00	7.2	2.271	0.8	302,166	12.9	264
6/2/2025	16:15:00	7.2	1.843	14.1	302,194	13	268
6/2/2025	16:45:00	7.2	1.945	0	302,237	12.9	269
6/2/2025	17:00:00	7.2	1.998	0.4	302,266	12.8	269
6/2/2025	17:15:00	7.1	2.040	3.2	302,298	12.9	276
6/2/2025	17:30:00	7	1.953	5.7	302,328	13	281
6/2/2025	17:45:00	7	1.722	6.9	302,356	13.1	284
6/2/2025	18:00:00	7	1.635	11.1	302,381	13	287
6/2/2025	18:15:00	6.9	2.263	13.9	302,410	12.7	276
6/2/2025	18:30:00	6.9	2.252	12.2	302,434	12.6	271
6/2/2025	18:45:00	7	1.624	5.4	302,464	12.5	269
6/2/2025	19:00:00	7	2.347	1.6	302,491	12.5	269
6/2/2025	19:15:00	7.1	1.783	0.2	302,523	12.5	267
6/2/2025	19:30:00	7.1	2.483	1.8	302,544	12.4	264
6/2/2025	19:45:00	7.1	2.441	2	302,581	12.2	114
6/2/2025	20:15:00	7.2	2.343	3	302,636	12	112

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	20:30:00	7.2	2.381	2.1	302,671	12	112
6/2/2025	20:45:00	7.2	2.051	3.4	302,706	12	112
6/2/2025	21:00:00	7.2	2.354	2	302,723	12	112
6/2/2025	21:15:00	7.2	2.316	1.5	302,758	12	111
6/2/2025	21:45:00	7.2	1.158	4.5	302,805	11.9	112
6/2/2025	22:00:00	7.2	2.422	0.6	302,837	11.9	112
6/2/2025	22:15:00	7.2	2.369	0.6	302,872	12.1	262
6/2/2025	22:45:00	7.2	2.354	1.1	302,927	12.1	263
6/2/2025	23:00:00	7.2	2.286	0.9	302,962	12.1	264
6/2/2025	23:15:00	7.2	2.343	2.2	302,989	12	262
6/2/2025	23:30:00	7.2	2.313	2	303,023	12.1	265
6/2/2025	23:45:00	7.2	2.286	1	303,058	12.2	267
6/3/2025	0:00:00	7.2	2.464	0.3	303,083	12.2	267
6/3/2025	0:15:00	7.2	1.832	0.5	303,120	12.3	271
6/3/2025	0:30:00	7.2	2.562	1.8	303,126	12.5	269
6/3/2025	0:45:00	7.2	2.521	1.3	303,164	12.3	272
6/3/2025	1:00:00	7.2	2.479	2.7	303,186	12.6	272
6/3/2025	1:15:00	7.2	1.234	3.5	303,217	12.1	269
6/3/2025	1:30:00	7.2	2.445	1.3	303,252	12	266
6/3/2025	1:45:00	7.2	2.388	1.7	303,288	11.9	264
6/3/2025	2:00:00	7.2	2.468	2.3	303,309	12.1	264
6/3/2025	2:15:00	7.2	2.498	1.1	303,345	11.9	264
6/3/2025	2:30:00	7.2	2.426	1.6	303,382	12	264
6/3/2025	3:00:00	7.2	2.411	2	303,433	12.1	266
6/3/2025	3:15:00	7.2	1.230	6.7	303,449	12.4	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	3:30:00	7.2	2.343	1.1	303,479	12.1	266
6/3/2025	3:45:00	7.2	2.385	1.1	303,514	12	266
6/3/2025	4:00:00	7.2	2.388	0.1	303,549	12	264
6/3/2025	4:30:00	7.2	2.313	0.5	303,596	12.1	269
6/3/2025	4:45:00	7.2	1.234	1.6	303,623	12	266
6/3/2025	5:00:00	7.2	2.343	0.6	303,657	12	266
6/3/2025	5:30:00	7.2	2.400	1.8	303,701	11.8	266
6/3/2025	5:45:00	7.2	2.396	2	303,737	11.8	114
6/3/2025	6:00:00	7.2	2.392	2.1	303,760	11.9	114
6/3/2025	6:15:00	7.2	2.403	2.8	303,795	11.7	114
6/3/2025	6:30:00	7.2	2.350	2.3	303,831	11.7	113
6/3/2025	6:45:00	7.2	1.083	2.6	303,861	11.6	114
6/3/2025	7:00:00	7.2	2.400	4.6	303,874	11.7	114
6/3/2025	7:15:00	7.2	2.403	3	303,911	11.6	112
6/3/2025	7:45:00	7.2	2.438	2.4	303,966	11.7	112
6/3/2025	8:00:00	7.2	2.366	3	304,002	11.7	112
6/3/2025	8:15:00	7.2	2.324	1.5	304,038	11.7	112
6/3/2025	8:30:00	7.2	2.350	2.5	304,052	11.9	112
6/3/2025	8:45:00	7.2	2.260	9	304,083	12	262
6/3/2025	9:00:00	7.2	0.405	5.5	304,104	12.2	262
6/3/2025	9:15:00	7.2	0.000	1.3	304,104	11.8	112
6/3/2025	9:30:00	7.2	2.574	0.9	304,124	11.8	112
6/3/2025	9:45:00	7.2	2.419	0.6	304,161	12	114
6/3/2025	10:00:00	7.2	2.445	0.8	304,196	12	114
6/3/2025	10:15:00	7.2	2.403	1.2	304,233	12.1	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	10:30:00	7.2	2.369	0.6	304,268	12.2	114
6/3/2025	10:45:00	7.2	1.752	5.8	304,302	12.2	114
6/3/2025	11:00:00	7.3	1.927	6	304,331	12.2	114
6/3/2025	11:15:00	7.2	2.385	1.3	304,344	12.7	261
6/3/2025	11:30:00	7.2	2.347	1.3	304,380	12.4	261
6/3/2025	11:45:00	7.3	2.358	1.2	304,416	12.4	114
6/3/2025	12:00:00	7.2	2.400	3.1	304,436	12.8	261
6/3/2025	12:30:00	7.3	2.403	1.5	304,474	12.6	262
6/3/2025	13:30:00	7.2	1.980	1.2	304,496	12.8	263
6/3/2025	13:45:00	7.2	0.000	0.1	304,517	13.1	263
6/3/2025	14:00:00	7.2	2.002	1.9	304,538	13.3	266
6/3/2025	14:15:00	7.2	0.201	3.2	304,558	12.7	264
6/3/2025	14:30:00	7.2	2.067	0.4	304,579	12.9	264
6/3/2025	14:45:00	7.2	2.297	0.9	304,609	12.9	264
6/3/2025	15:00:00	7.2	0.454	0.6	304,640	12.9	263
6/3/2025	15:15:00	7.2	2.097	0.2	304,653	13	264
6/3/2025	15:30:00	7.2	2.097	0.4	304,685	13	264
6/3/2025	16:00:00	7.2	1.957	0.5	304,711	13.5	266
6/3/2025	16:15:00	7.2	1.802	3	304,742	13.2	266
6/3/2025	16:30:00	7.2	2.188	0.2	304,775	13.1	264
6/3/2025	16:45:00	7.2	2.176	0	304,808	13	264
6/3/2025	17:00:00	7.2	2.150	0.7	304,840	12.9	263
6/3/2025	17:15:00	7.2	1.802	4.3	304,869	12.9	263
6/3/2025	17:30:00	7.1	2.044	2.7	304,888	13	263
6/3/2025	17:45:00	7.2	2.229	1.6	304,921	12.7	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	18:00:00	7.2	2.245	1.7	304,955	12.7	263
6/3/2025	18:15:00	7.1	2.203	1.8	304,988	12.6	263
6/3/2025	18:30:00	7.1	2.222	1.7	305,021	12.6	263
6/3/2025	19:00:00	7.1	2.199	1.7	305,072	12.7	264
6/3/2025	19:15:00	7.1	1.650	3.4	305,101	12.6	263
6/3/2025	19:30:00	7.1	2.350	2.2	305,132	12.5	264
6/3/2025	19:45:00	7.1	2.335	3.3	305,167	12.2	263
6/3/2025	20:00:00	7.1	2.324	4.5	305,202	12.1	263
6/3/2025	20:15:00	7.1	2.400	2.4	305,228	12.1	264
6/3/2025	20:45:00	7.1	2.403	3.6	305,280	12.1	264
6/3/2025	21:00:00	7.1	2.381	5.9	305,316	12.1	264
6/3/2025	21:15:00	7.1	1.287	5	305,350	12.1	262
6/3/2025	21:30:00	7.1	1.540	7.9	305,366	12	264
6/3/2025	21:45:00	7.1	2.506	4.2	305,398	12.1	264
6/3/2025	22:00:00	7.1	2.513	4.4	305,435	12.2	262
6/3/2025	22:15:00	7.1	2.453	4.7	305,444	12.4	264
6/3/2025	22:30:00	7.1	2.445	3	305,480	12.2	264
6/3/2025	22:45:00	7.1	2.415	2.9	305,517	12.2	266
6/3/2025	23:15:00	7.1	2.460	1	305,565	12.2	266
6/3/2025	23:30:00	7.1	2.430	1	305,602	12.2	266
6/4/2025	0:00:00	7.1	2.441	0.7	305,653	12.2	263
6/4/2025	0:15:00	7.1	2.422	1	305,690	12.2	263
6/4/2025	0:45:00	7.1	2.426	2.3	305,741	12.2	264
6/4/2025	1:00:00	7.1	2.392	0.9	305,777	12.2	264
6/4/2025	1:30:00	7.1	2.411	2.7	305,832	12.2	266

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	1:45:00	7.1	1.737	7	305,866	12.3	267
6/4/2025	2:15:00	7.1	2.316	2.4	305,909	12.3	266
6/4/2025	2:30:00	7.1	2.260	3.3	305,943	12.3	266
6/4/2025	2:45:00	7.1	2.226	3.9	305,976	12.2	266
6/4/2025	3:15:00	7.1	2.286	4.5	306,018	12.1	264
6/4/2025	3:30:00	7.1	2.267	3.2	306,052	12.2	266
6/4/2025	3:45:00	7.1	2.222	2.9	306,077	12	266
6/4/2025	4:00:00	7.1	2.233	2.8	306,111	12	264
6/4/2025	4:15:00	7.1	2.218	2.7	306,144	12.1	116
6/4/2025	4:45:00	7.1	1.465	3.5	306,189	12.5	119
6/4/2025	5:00:00	7.2	2.203	2.3	306,219	12.4	121
6/4/2025	5:15:00	7.2	2.176	3	306,252	12.3	118
6/4/2025	5:30:00	7.2	2.180	4.4	306,284	12.3	118
6/4/2025	6:00:00	7.2	2.192	3.1	306,317	12.5	116
6/4/2025	6:15:00	7.2	2.199	2.3	306,350	12.1	116
6/4/2025	6:30:00	7.1	2.192	2.2	306,384	12	115
6/4/2025	6:45:00	7.1	2.210	3.1	306,417	11.9	114
6/4/2025	7:00:00	7.1	2.180	3.9	306,449	11.8	114
6/4/2025	7:15:00	7.1	2.169	4.3	306,482	11.7	114
6/4/2025	7:30:00	7.1	2.184	4.3	306,515	11.8	114
6/4/2025	7:45:00	7.1	2.139	6.1	306,548	11.7	114
6/4/2025	8:00:00	7.1	2.176	5.9	306,581	11.7	113
6/4/2025	8:15:00	7.1	1.408	10.5	306,607	11.9	113
6/4/2025	8:45:00	7.1	0.000	1	306,620	11.9	112
6/4/2025	9:00:00	7.1	2.180	0.8	306,637	11.8	112

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	9:15:00	7.1	2.184	1.4	306,669	11.9	112
6/4/2025	9:30:00	7.1	2.180	0.9	306,702	12.1	261
6/4/2025	9:45:00	7.1	2.157	0.7	306,735	12.2	261
6/4/2025	10:00:00	7.1	2.150	2.5	306,767	12.2	261
6/4/2025	10:15:00	7.1	2.157	0.7	306,800	12.3	262
6/4/2025	10:30:00	7.1	2.169	0.8	306,833	12.3	262
6/4/2025	10:45:00	7.1	2.142	1.4	306,865	12.4	262
6/4/2025	11:15:00	7.1	1.734	5.9	306,903	13.2	261
6/4/2025	11:30:00	7.2	1.147	4.6	306,925	12.9	261
6/4/2025	11:45:00	7.2	2.339	1.1	306,946	12.7	114
6/4/2025	12:00:00	7.1	2.305	1.3	306,981	12.5	114
6/4/2025	12:45:00	7.1	2.706	0.7	307,049	12.7	114
6/4/2025	13:15:00	7.1	2.116	0.5	307,097	12.7	114
6/4/2025	13:30:00	7.1	2.218	0	307,130	12.7	259
6/4/2025	13:45:00	7.1	2.263	0.3	307,163	12.7	259
6/4/2025	14:00:00	7.1	2.544	0.9	307,198	12.5	114
6/4/2025	14:15:00	7.1	2.532	1.1	307,236	12.5	261
6/4/2025	15:00:00	7.1	2.188	1.1	307,321	12.7	261
6/4/2025	15:30:00	7.1	2.260	0.8	307,367	12.7	114
6/4/2025	15:45:00	7.1	2.222	0.4	307,401	12.7	114
6/4/2025	16:00:00	7.1	2.222	1.3	307,405	13.3	259
6/4/2025	16:15:00	7.1	2.248	0.6	307,439	12.8	114
6/4/2025	16:30:00	7.1	2.237	0.2	307,473	12.7	261
6/4/2025	16:45:00	7.1	2.434	3.2	307,496	12.8	261
6/4/2025	17:00:00	7.1	2.422	1.4	307,532	12.7	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	17:15:00	7.1	2.415	1.7	307,568	12.8	261
6/4/2025	17:30:00	7.1	2.631	0.7	307,607	12.8	261
6/4/2025	17:45:00	7.1	1.609	0	307,641	12.9	261
6/4/2025	18:00:00	7.1	2.267	1	307,661	12.9	261
6/4/2025	18:15:00	7.1	2.248	1.7	307,695	13	263
6/4/2025	18:30:00	7.1	2.245	2.3	307,729	12.9	263
6/4/2025	19:00:00	7.1	2.267	1.5	307,783	12.9	263
6/4/2025	19:15:00	7.1	2.252	0.8	307,817	12.9	263
6/4/2025	19:45:00	7.1	2.324	0.1	307,868	12.8	263
6/4/2025	20:00:00	7.1	2.294	0.2	307,903	12.7	263
6/4/2025	20:15:00	7.1	2.309	0	307,937	12.7	263
6/4/2025	20:45:00	7.1	2.301	0.3	307,994	12.7	263
6/4/2025	21:00:00	7.1	2.290	0.6	308,028	12.8	263
6/4/2025	21:15:00	7.1	2.286	0.4	308,062	12.8	264
6/4/2025	21:30:00	7.1	2.263	0.6	308,096	12.9	264
6/4/2025	21:45:00	7.1	2.245	2.1	308,118	12.9	264
6/4/2025	22:00:00	7.1	2.237	0.6	308,151	12.8	266
6/4/2025	22:15:00	7.1	2.214	0.6	308,184	12.8	266
6/4/2025	22:30:00	7.1	1.370	12.5	308,215	12.7	266
6/4/2025	23:00:00	7.1	2.332	1.8	308,254	12.7	266
6/4/2025	23:30:00	7.1	2.358	0.3	308,311	12.9	268
6/4/2025	23:45:00	7.1	2.347	0	308,347	12.9	266
6/5/2025	0:00:00	7.1	2.350	0.4	308,372	12.7	264
6/5/2025	0:15:00	7.1	2.358	0.4	308,408	12.7	264
6/5/2025	0:30:00	7.1	2.358	0.6	308,443	12.6	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	0:45:00	7.1	2.309	0.5	308,478	12.6	264
6/5/2025	1:15:00	7.1	1.597	0.8	308,518	12.7	264
6/5/2025	1:30:00	7.1	2.358	1.1	308,553	12.6	268
6/5/2025	1:45:00	7.1	2.320	1	308,569	12.7	269
6/5/2025	2:00:00	7.1	2.301	0.7	308,604	12.7	269
6/5/2025	2:15:00	7.2	2.305	0.7	308,639	12.6	269
6/5/2025	2:30:00	7.1	1.416	3.2	308,671	12.6	269
6/5/2025	2:45:00	7.1	1.968	0.4	308,697	12.5	267
6/5/2025	3:00:00	7.1	1.953	0.2	308,727	12.5	267
6/5/2025	3:45:00	7.1	2.373	0.3	308,763	12.7	269
6/5/2025	4:00:00	7.1	2.392	0.4	308,792	12.7	269
6/5/2025	4:15:00	7.1	2.369	0.9	308,810	12.8	269
6/5/2025	4:30:00	7.1	2.339	0	308,846	12.8	268
6/5/2025	4:45:00	7.2	2.301	0.4	308,872	12.6	269
6/5/2025	5:00:00	7.2	2.260	0.4	308,906	12.6	266
6/5/2025	5:15:00	7.2	2.275	1	308,941	12.6	268
6/5/2025	5:30:00	7.2	2.316	1.7	308,975	12.5	268
6/5/2025	5:45:00	7.2	2.286	1.6	309,009	12.5	268
6/5/2025	6:15:00	7.1	2.256	2.9	309,063	12.5	268
6/5/2025	6:30:00	7.1	2.248	2.8	309,096	12.4	268
6/5/2025	6:45:00	7.1	2.210	3	309,130	12.4	266
6/5/2025	7:15:00	7.1	2.222	1.8	309,181	12.3	266
6/5/2025	7:30:00	7.1	2.305	1.3	309,204	12.1	263
6/5/2025	7:45:00	7.1	2.294	0.7	309,239	12.1	262
6/5/2025	8:00:00	7.1	2.343	0.3	309,269	12.2	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	8:15:00	7.1	2.279	2.7	309,302	12.1	262
6/5/2025	8:30:00	7.1	2.222	1.2	309,335	12.2	261
6/5/2025	8:45:00	7.1	2.226	2.1	309,368	12.2	262
6/5/2025	9:00:00	7.1	1.745	1.2	309,399	12.4	262
6/5/2025	10:00:00	7.1	2.415	1.2	309,466	12.4	114
6/5/2025	10:15:00	7.1	2.332	0.8	309,501	12.5	262
6/5/2025	10:30:00	7.1	2.256	2.1	309,535	12.5	261
6/5/2025	10:45:00	7.1	2.324	2.7	309,555	12.6	261
6/5/2025	11:00:00	7.1	2.305	9.7	309,583	12.5	114
6/5/2025	11:30:00	7.1	1.904	5.6	309,634	12.8	259
6/5/2025	11:45:00	7.1	2.154	1.2	309,664	12.9	264
6/5/2025	12:00:00	7.1	2.180	1.2	309,697	12.9	262
6/5/2025	12:15:00	7.1	2.154	0.4	309,729	12.9	263
6/5/2025	12:30:00	7.1	2.169	0.7	309,762	13	261
6/5/2025	12:45:00	7.1	2.199	1.3	309,794	13.1	261
6/5/2025	13:00:00	7.1	1.949	7.3	309,823	13.1	261
6/5/2025	13:15:00	7.1	2.316	0.6	309,838	13.1	261
6/5/2025	13:30:00	7.1	2.161	2.5	309,869	13	261
6/5/2025	14:00:00	7.1	2.233	0.9	309,913	13	259
6/5/2025	15:00:00	7.1	2.377	0	309,998	13.3	261
6/5/2025	15:15:00	7.1	2.354	0.8	310,033	13.4	261
6/5/2025	15:30:00	7.1	2.343	1.9	310,068	13.5	261
6/5/2025	15:45:00	7.1	2.347	1.8	310,089	13.6	261
6/5/2025	16:00:00	7.1	2.347	2.6	310,124	13.4	261
6/5/2025	16:15:00	7.1	2.316	2.3	310,159	13.3	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	16:30:00	7.1	1.556	15	310,173	13.5	262
6/5/2025	16:45:00	7.1	2.116	7.2	310,188	13.3	261
6/5/2025	17:00:00	7.1	2.411	1.9	310,225	13.2	262
6/5/2025	17:15:00	7.1	2.358	4.4	310,261	13	262
6/5/2025	17:30:00	7.1	2.286	4	310,285	13.3	262
6/5/2025	17:45:00	7.1	2.415	3	310,321	13.3	260
6/5/2025	18:00:00	7.1	1.930	2.1	310,346	13.7	262
6/5/2025	18:15:00	7.1	2.574	0.9	310,383	13.3	262
6/5/2025	18:30:00	7.1	2.176	8.8	310,417	13.7	258
6/5/2025	18:45:00	7.1	2.002	22.5	310,435	13.3	260
6/5/2025	19:00:00	7.1	2.430	2.5	310,462	12.8	114
6/5/2025	19:15:00	7.1	2.483	3.1	310,499	12.7	114
6/5/2025	19:30:00	7.1	2.509	7.6	310,523	12.8	114
6/5/2025	19:45:00	7.1	2.506	15	310,560	12.6	114
6/5/2025	20:15:00	7.2	2.366	1.5	310,615	12.4	114
6/5/2025	20:30:00	7.1	2.328	2.6	310,650	12.4	114
6/5/2025	20:45:00	7.1	2.369	1.3	310,673	12.4	114
6/5/2025	21:00:00	7.2	2.335	0.8	310,708	12.4	114
6/5/2025	21:15:00	7.2	2.271	1.2	310,743	12.4	114
6/5/2025	21:30:00	7.2	2.286	1.2	310,765	12.4	114
6/5/2025	21:45:00	7.2	1.382	1.3	310,792	12.2	115
6/5/2025	22:00:00	7.2	2.403	0.6	310,813	12.3	114
6/5/2025	22:15:00	7.2	2.373	1.5	310,849	12.3	114
6/5/2025	22:30:00	7.2	2.339	0.5	310,885	12.2	114
6/5/2025	22:45:00	7.2	2.358	0.7	310,920	12.2	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	23:00:00	7.2	0.227	0.5	310,947	12.4	114
6/5/2025	23:15:00	7.2	2.332	0.5	310,974	12.2	114
6/5/2025	23:30:00	7.2	2.354	2.4	310,995	12.4	114
6/5/2025	23:45:00	7.2	2.332	1.1	311,031	12.1	114
6/6/2025	0:00:00	7.2	0.235	0.8	311,057	12.3	114
6/6/2025	0:15:00	7.2	2.301	1.6	311,087	12	114
6/6/2025	0:30:00	7.2	2.403	1.4	311,117	12	115
6/6/2025	0:45:00	7.2	2.328	0.5	311,152	12.1	114
6/6/2025	1:00:00	7.2	2.373	0.4	311,175	12.2	114
6/6/2025	1:15:00	7.3	2.354	0.2	311,210	12.2	114
6/6/2025	1:30:00	7.3	2.320	0.1	311,246	12.3	115
6/6/2025	1:45:00	7.3	1.752	0.3	311,276	12.5	114
6/6/2025	2:00:00	7.3	2.411	0	311,312	12.4	114
6/6/2025	2:15:00	7.3	2.339	0	311,348	12.4	114
6/6/2025	2:30:00	7.3	2.294	0.2	311,382	12.4	114
6/6/2025	2:45:00	7.4	0.390	0	311,415	12.5	114
6/6/2025	3:00:00	7.3	0.193	0.5	311,427	12.7	114
6/6/2025	3:15:00	7.3	2.449	0	311,455	12.3	115
6/6/2025	3:30:00	7.3	0.409	0	311,490	12.2	114
6/6/2025	3:45:00	7.3	2.343	0	311,515	12.2	114
6/6/2025	4:00:00	7.3	2.297	0	311,549	12.2	115
6/6/2025	4:15:00	7.3	2.422	0.8	311,580	12.4	114
6/6/2025	4:30:00	7.3	0.148	0	311,608	12.5	114
6/6/2025	4:45:00	7.3	2.350	0	311,638	12.3	115
6/6/2025	5:00:00	7.3	2.309	0	311,673	12.3	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	5:15:00	7.3	2.286	0	311,707	12.3	114
6/6/2025	5:30:00	7.3	0.534	1.9	311,738	12.4	114
6/6/2025	5:45:00	7.3	2.381	0	311,760	12.2	114
6/6/2025	6:00:00	7.3	2.339	0.1	311,796	12.1	115
6/6/2025	6:15:00	7.3	2.286	0	311,830	12.1	114
6/6/2025	6:30:00	7.3	2.324	0.9	311,851	12.2	115
6/6/2025	6:45:00	7.3	1.665	1.2	311,885	12.1	115
6/6/2025	7:00:00	7.3	2.332	2.7	311,896	12.4	115
6/6/2025	7:15:00	7.3	2.305	0.8	311,931	12	114
6/6/2025	7:30:00	7.3	2.260	1.6	311,965	12	115
6/6/2025	7:45:00	7.3	0.375	0.9	311,997	12.1	114
6/6/2025	8:00:00	7.3	2.260	0.7	312,019	12.1	114
6/6/2025	8:15:00	7.3	2.396	0.3	312,047	12.3	115
6/6/2025	8:30:00	7.3	1.537	1.4	312,070	12.1	114
6/6/2025	8:45:00	7.3	2.426	0.3	312,101	12	114
6/6/2025	9:00:00	7.3	2.381	0.8	312,137	12	114
6/6/2025	9:15:00	7.3	0.000	0.6	312,162	12.3	114
6/6/2025	9:30:00	7.3	1.983	0.3	312,179	12	114
6/6/2025	9:45:00	7.3	2.426	0.5	312,208	12.1	114
6/6/2025	10:00:00	7.3	0.212	0.6	312,240	12.2	114
6/6/2025	10:15:00	7.3	2.358	0.8	312,265	12.2	114
6/6/2025	10:30:00	7.3	0.114	0.4	312,291	12.5	114
6/6/2025	10:45:00	7.3	0.201	0.5	312,311	12.5	114
6/6/2025	11:00:00	7.2	1.938	11	312,324	12.5	114
6/6/2025	11:15:00	7.3	2.188	0.9	312,348	12.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	11:30:00	7.3	2.214	1.2	312,381	12.6	114
6/6/2025	11:45:00	7.3	2.184	1.1	312,414	12.6	114
6/6/2025	12:00:00	7.3	2.218	0.7	312,447	12.6	115
6/6/2025	12:15:00	7.3	2.195	1.1	312,480	12.7	114
6/6/2025	12:30:00	7.3	2.165	0.9	312,513	12.8	114
6/6/2025	12:45:00	7.3	1.609	1.4	312,540	12.8	114
6/6/2025	13:00:00	7.3	2.263	0.9	312,563	13	115
6/6/2025	13:15:00	7.3	2.180	1.1	312,596	13	115
6/6/2025	13:45:00	7.3	2.139	0.7	312,648	12.8	115
6/6/2025	14:00:00	7.3	2.146	1.7	312,681	12.8	114
6/6/2025	14:15:00	7.3	2.104	1	312,712	12.9	115
6/6/2025	14:30:00	7.3	2.101	1.5	312,724	13	115
6/6/2025	14:45:00	7.3	2.188	2.3	312,752	13.1	115
6/6/2025	15:00:00	7.3	2.139	1.3	312,784	12.9	115
6/6/2025	15:15:00	7.3	2.502	1.1	312,820	12.9	115
6/6/2025	15:30:00	7.3	2.483	1	312,858	12.9	115
6/6/2025	15:45:00	7.3	1.128	10.7	312,881	13.1	115
6/6/2025	16:00:00	7.3	2.472	1.5	312,911	12.9	115
6/6/2025	16:15:00	7.3	2.468	1	312,948	12.9	114
6/6/2025	16:30:00	7.3	2.441	4	312,969	13.2	115
6/6/2025	16:45:00	7.3	2.434	2.7	313,006	12.9	115
6/6/2025	17:00:00	7.3	2.419	2.4	313,042	13	115
6/6/2025	17:30:00	7.3	2.422	2.1	313,093	13	115
6/6/2025	17:45:00	7.3	2.400	2.5	313,129	12.9	115
6/6/2025	18:00:00	7.3	2.332	2.9	313,164	12.9	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	18:15:00	7.3	2.332	3.1	313,200	13	115
6/6/2025	18:30:00	7.3	2.339	3	313,235	12.9	115
6/6/2025	18:45:00	7.3	2.396	6.6	313,256	13.2	115
6/6/2025	19:00:00	7.3	2.335	2.9	313,291	12.9	115
6/6/2025	19:15:00	7.3	2.494	1.8	313,314	12.9	115
6/6/2025	19:30:00	7.3	1.707	1	313,348	12.6	115
6/6/2025	19:45:00	7.3	2.070	0.4	313,368	12.4	114
6/6/2025	20:00:00	7.3	2.456	0.2	313,404	12.4	114
6/6/2025	20:15:00	7.3	2.377	1.2	313,441	12.3	115
6/6/2025	20:30:00	7.3	2.464	2	313,467	12.3	115
6/6/2025	20:45:00	7.3	2.422	0	313,503	12.3	115
6/6/2025	21:00:00	7.3	2.400	0.1	313,540	12.3	115
6/6/2025	21:15:00	7.3	2.498	0	313,575	12.4	115
6/6/2025	21:30:00	7.3	2.479	0	313,613	12.5	115
6/6/2025	21:45:00	7.2	1.821	1.4	313,647	12.7	115
6/6/2025	22:00:00	7.2	2.547	0	313,681	12.5	115
6/6/2025	22:15:00	7.2	2.521	0.1	313,720	12.5	115
6/6/2025	22:30:00	7.2	2.589	0.1	313,743	12.6	115
6/6/2025	22:45:00	7.2	2.566	0	313,782	12.5	115
6/6/2025	23:00:00	7.2	2.585	1.6	313,803	12.5	115
6/6/2025	23:30:00	7.2	2.589	0.4	313,854	12.2	117
6/6/2025	23:45:00	7.2	2.570	0.6	313,893	12.1	115
6/7/2025	0:00:00	7.2	2.525	2.7	313,917	12.4	114
6/7/2025	0:15:00	7.2	2.559	0.7	313,956	12.1	115
6/7/2025	0:30:00	7.2	2.570	3	313,969	12.2	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	0:45:00	7.2	2.525	0.9	314,007	12.2	115
6/7/2025	1:00:00	7.2	2.525	2.4	314,045	12.2	115
6/7/2025	1:15:00	7.2	2.517	2	314,083	12.3	115
6/7/2025	1:30:00	7.2	2.498	2.3	314,121	12.3	263
6/7/2025	1:45:00	7.1	2.517	2.8	314,141	12.3	263
6/7/2025	2:00:00	7.1	2.491	3.7	314,178	12.3	266
6/7/2025	2:15:00	7.1	2.475	3.8	314,216	12.2	264
6/7/2025	2:30:00	7.1	2.460	4.3	314,253	12.2	264
6/7/2025	2:45:00	7.1	2.487	4.3	314,275	12.2	263
6/7/2025	3:00:00	7.1	2.506	6.5	314,301	12.1	115
6/7/2025	3:15:00	7.1	2.479	1.4	314,338	12.1	115
6/7/2025	3:45:00	7.1	2.464	3.8	314,397	12.2	117
6/7/2025	4:00:00	7.1	2.430	0.7	314,434	12.2	115
6/7/2025	4:15:00	7.1	1.749	6	314,468	12.2	115
6/7/2025	4:30:00	7.1	2.475	1.1	314,489	12.1	115
6/7/2025	4:45:00	7.1	2.460	1.7	314,526	12	115
6/7/2025	5:00:00	7.1	2.438	1.7	314,563	11.9	115
6/7/2025	5:30:00	7.1	2.426	0.2	314,620	11.8	115
6/7/2025	5:45:00	7.1	2.456	6.1	314,634	12.2	114
6/7/2025	6:00:00	7.2	2.449	0	314,671	11.8	115
6/7/2025	6:15:00	7.2	2.422	1	314,708	11.8	115
6/7/2025	6:45:00	7.2	2.479	0.4	314,758	11.8	115
6/7/2025	7:00:00	7.2	1.945	0	314,788	11.9	116
6/7/2025	7:15:00	7.2	2.536	0.6	314,809	11.9	115
6/7/2025	7:30:00	7.2	2.498	0	314,846	11.8	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	7:45:00	7.2	2.456	0.1	314,883	11.8	114
6/7/2025	8:15:00	7.2	1.794	0.3	314,936	12	115
6/7/2025	8:30:00	7.2	2.483	0.2	314,956	12	115
6/7/2025	8:45:00	7.2	2.438	0.4	314,993	12	115
6/7/2025	9:00:00	7.2	1.238	2	315,023	12	115
6/7/2025	9:15:00	7.2	1.234	2.2	315,036	12	117
6/7/2025	9:30:00	7.2	2.282	0.5	315,061	12.1	115
6/7/2025	10:00:00	7.2	2.101	12.5	315,105	12.4	115
6/7/2025	10:30:00	7.2	2.358	2.5	315,120	12.4	115
6/7/2025	10:45:00	7.2	2.646	0	315,155	12.4	115
6/7/2025	11:00:00	7.2	2.547	0.4	315,186	12.5	115
6/7/2025	11:30:00	7.2	2.226	0	315,236	12.8	115
6/7/2025	11:45:00	7.2	2.207	0.1	315,269	12.8	115
6/7/2025	12:00:00	7.2	2.199	0	315,302	12.8	115
6/7/2025	12:30:00	7.2	2.195	0	315,327	13	114
6/7/2025	12:45:00	7.2	2.169	0	315,360	13.1	115
6/7/2025	13:00:00	7.2	2.347	2.1	315,376	13.4	114
6/7/2025	13:15:00	7.2	2.335	0	315,411	13	115
6/7/2025	13:30:00	7.2	2.237	0	315,446	13.1	114
6/7/2025	13:45:00	7.2	2.400	0	315,466	13.5	114
6/7/2025	14:00:00	7.2	2.354	0.3	315,501	13.4	116
6/7/2025	14:15:00	7.2	1.567	0.5	315,525	13.2	116
6/7/2025	14:30:00	7.2	1.575	0	315,546	13.4	115
6/7/2025	14:45:00	7.2	2.419	0	315,575	13.4	114
6/7/2025	15:00:00	7.2	2.566	0	315,612	13.5	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	15:15:00	7.2	2.146	0.4	315,646	13.9	117
6/7/2025	15:30:00	7.2	1.469	3.4	315,670	13.2	114
6/7/2025	15:45:00	7.2	1.654	1.5	315,695	13.1	117
6/7/2025	16:00:00	7.2	2.653	1.9	315,727	13.2	117
6/7/2025	16:15:00	7.2	2.581	1.2	315,766	13.3	116
6/7/2025	16:30:00	7.2	2.528	0.6	315,805	13.3	116
6/7/2025	16:45:00	7.2	2.430	0.4	315,842	13.3	116
6/7/2025	17:00:00	7.2	1.927	0.6	315,873	13.4	117
6/7/2025	17:15:00	7.2	2.532	0.2	315,892	13.4	116
6/7/2025	17:30:00	7.2	1.605	0	315,922	13.2	117
6/7/2025	18:00:00	7.2	1.544	0.3	315,958	13.2	117
6/7/2025	18:30:00	7.2	2.445	0	316,006	13.2	117
6/7/2025	18:45:00	7.2	1.677	3.9	316,038	13.1	117
6/7/2025	19:00:00	7.2	1.756	0	316,064	12.9	117
6/7/2025	19:15:00	7.2	2.290	0.1	316,084	13	115
6/7/2025	19:30:00	7.2	2.585	0.4	316,121	12.9	115
6/7/2025	19:45:00	7.2	2.540	1.3	316,159	12.8	114
6/7/2025	20:00:00	7.2	2.502	1.9	316,197	12.8	114
6/7/2025	20:15:00	7.2	2.604	1.3	316,217	12.9	114
6/7/2025	20:30:00	7.2	2.547	4.8	316,256	12.7	114
6/7/2025	20:45:00	7.2	2.498	0.7	316,294	12.8	115
6/7/2025	21:00:00	7.2	2.509	1.5	316,316	12.9	115
6/7/2025	21:15:00	7.2	1.942	0.2	316,352	13	115
6/7/2025	21:45:00	7.2	2.593	0	316,408	12.8	115
6/7/2025	22:00:00	7.2	2.544	0.9	316,446	12.7	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	22:30:00	7.2	2.498	0.6	316,506	12.7	115
6/7/2025	22:45:00	7.2	2.456	0.8	316,538	12.6	115
6/7/2025	23:00:00	7.1	2.483	0.5	316,544	13.1	114
6/7/2025	23:15:00	7.1	2.453	0.6	316,581	12.4	115
6/7/2025	23:45:00	7.1	2.566	1.1	316,626	12.3	115
6/8/2025	0:00:00	7.1	2.521	1.3	316,664	12.3	115
6/8/2025	0:15:00	7.1	2.517	1.6	316,686	12.3	114
6/8/2025	0:30:00	7.1	2.494	2.8	316,724	12.2	115
6/8/2025	0:45:00	7.1	1.858	4.1	316,745	12.4	114
6/8/2025	1:00:00	7.1	2.506	0.7	316,781	12.2	115
6/8/2025	1:15:00	7.1	2.502	1.6	316,802	12.2	114
6/8/2025	1:30:00	7.2	2.445	1.2	316,840	12.2	115
6/8/2025	1:45:00	7.2	2.422	2.4	316,876	12.2	114
6/8/2025	2:00:00	7.2	1.862	5.3	316,896	12.3	114
6/8/2025	2:15:00	7.2	2.509	0.6	316,927	12.2	115
6/8/2025	2:45:00	7.1	2.430	0.7	316,986	12.2	114
6/8/2025	3:15:00	7.1	1.181	2.8	317,033	12.2	115
6/8/2025	3:30:00	7.1	2.502	1.2	317,070	12.1	115
6/8/2025	3:45:00	7.1	2.506	1.5	317,089	12.1	115
6/8/2025	4:00:00	7.1	1.408	1.1	317,123	12.1	115
6/8/2025	4:15:00	7.1	2.619	1.3	317,141	12.1	115
6/8/2025	4:30:00	7.1	1.450	3.5	317,177	12	115
6/8/2025	5:00:00	7.1	2.706	1.4	317,227	12	115
6/8/2025	5:15:00	7.1	2.733	3.2	317,249	12.2	115
6/8/2025	5:30:00	7.1	2.680	3.2	317,290	12	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	5:45:00	7.1	2.687	1.6	317,314	12.1	115
6/8/2025	6:00:00	7.1	2.714	2.4	317,337	12.3	115
6/8/2025	6:15:00	7.1	2.657	0.8	317,377	12	115
6/8/2025	6:30:00	7.1	2.638	1.2	317,400	12	115
6/8/2025	6:45:00	7.1	0.307	3.9	317,430	12.2	115
6/8/2025	7:00:00	7.1	2.589	0.6	317,463	12	115
6/8/2025	7:15:00	7.1	1.980	2.5	317,483	12.1	117
6/8/2025	7:30:00	7.1	2.619	1.7	317,508	12.3	114
6/8/2025	7:45:00	7.1	1.279	3.3	317,538	11.9	114
6/8/2025	8:00:00	7.1	0.257	0.3	317,558	12.1	114
6/8/2025	8:15:00	7.1	2.578	0.2	317,588	12	114
6/8/2025	8:30:00	7.1	0.257	0.9	317,615	12.2	114
6/8/2025	8:45:00	7.1	2.434	0.8	317,642	12	114
6/8/2025	9:00:00	7.1	2.460	1.5	317,674	12.1	115
6/8/2025	9:15:00	7.1	2.653	2.6	317,700	12.1	115
6/8/2025	9:30:00	7.1	0.235	18.3	317,730	12.3	115
6/8/2025	9:45:00	7.1	0.265	13.4	317,734	13	115
6/8/2025	10:00:00	7.1	2.445	1.3	317,761	12.4	115
6/8/2025	10:15:00	7.1	1.855	4.1	317,796	12.5	115
6/8/2025	10:30:00	7.1	0.651	3.9	317,822	12.5	115
6/8/2025	10:45:00	7.1	2.468	0.5	317,844	12.6	115
6/8/2025	11:00:00	7.2	2.434	0.8	317,881	12.7	115
6/8/2025	11:15:00	7.2	2.438	2.2	317,904	12.8	115
6/8/2025	11:30:00	7.2	2.445	0.9	317,941	12.8	115
6/8/2025	11:45:00	7.2	0.295	2.3	317,975	12.9	115

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	12:00:00	7.2	2.460	0.3	318,003	13	115
6/8/2025	12:15:00	7.2	0.242	0.8	318,029	13.3	115
6/8/2025	12:30:00	7.2	2.426	0.2	318,059	13.1	115
6/8/2025	12:45:00	7.2	0.322	0	318,084	13.4	114
6/8/2025	13:00:00	7.2	0.235	0	318,105	13.6	115
6/8/2025	13:15:00	7.2	2.426	0	318,134	13.3	116
6/8/2025	13:30:00	7.2	2.385	0.2	318,159	13.5	116
6/8/2025	13:45:00	7.2	2.324	0.9	318,194	13.4	116
6/8/2025	14:00:00	7.2	0.155	0.3	318,224	13.5	117
6/8/2025	14:15:00	7.2	1.260	1.8	318,244	13.5	117
6/8/2025	14:30:00	7.2	2.449	0.1	318,279	13.4	117
6/8/2025	14:45:00	7.2	2.392	0.6	318,315	13.4	117
6/8/2025	15:00:00	7.2	2.381	0.6	318,351	13.4	117
6/8/2025	15:15:00	7.2	1.843	0.6	318,384	13.5	117
6/8/2025	15:30:00	7.2	2.449	1.3	318,419	13.4	117
6/8/2025	15:45:00	7.2	0.625	2.6	318,447	13.8	116
6/8/2025	16:00:00	7.2	0.273	0.3	318,470	13.7	117
6/8/2025	16:15:00	7.2	2.460	1.7	318,501	13.6	117
6/8/2025	16:30:00	7.1	2.540	2.1	318,517	13.8	117
6/8/2025	16:45:00	7.1	2.051	1.7	318,542	13.8	117
6/8/2025	17:00:00	7.1	2.483	1.4	318,574	13.6	117
6/8/2025	17:15:00	7.1	2.123	0.8	318,598	14	117
6/8/2025	17:30:00	7.1	2.403	1.5	318,635	13.4	117
6/8/2025	17:45:00	7.1	2.441	0.6	318,655	13.4	117
6/8/2025	18:00:00	7.1	2.419	0.9	318,692	13.2	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	18:15:00	7.1	2.305	3.4	318,728	13.2	117
6/8/2025	18:30:00	7.1	0.257	3.1	318,751	13.3	117
6/8/2025	18:45:00	7.1	2.453	0.6	318,779	13.1	117
6/8/2025	19:00:00	7.1	0.254	0.6	318,800	13.6	117
6/8/2025	19:15:00	7.1	2.453	0.6	318,834	13.1	117
6/8/2025	19:30:00	7.1	0.261	4.2	318,859	13	117
6/8/2025	19:45:00	7.1	2.343	0.3	318,889	12.9	115
6/8/2025	20:00:00	7.2	2.661	0.1	318,924	12.9	114
6/8/2025	20:15:00	7.2	0.250	0.3	318,957	13	117
6/8/2025	20:30:00	7.2	2.627	0.4	318,990	12.8	117
6/8/2025	20:45:00	7.1	1.400	6.8	319,016	12.8	115
6/8/2025	21:00:00	7.1	2.494	0	319,048	12.7	115
6/8/2025	21:15:00	7.1	2.498	0	319,073	12.9	115
6/8/2025	21:30:00	7.1	2.468	0	319,110	12.6	115
6/8/2025	21:45:00	7.1	2.438	0	319,147	12.6	115
6/8/2025	22:00:00	7.1	0.163	0	319,179	12.7	115
6/8/2025	22:15:00	7.1	2.419	0	319,202	12.5	114
6/8/2025	22:30:00	7.2	2.392	0	319,239	12.5	115
6/8/2025	22:45:00	7.2	0.265	0.7	319,263	12.5	115
6/8/2025	23:00:00	7.2	2.434	0	319,291	12.5	115
6/8/2025	23:15:00	7.2	2.385	0	319,327	12.4	115
6/8/2025	23:30:00	7.2	0.333	0	319,355	12.4	115
6/8/2025	23:45:00	7.2	2.547	0	319,380	12.4	115

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
06/02/2025	12.8	11.30	121.2	0.06	7.35	135.4	2.38
06/03/2025	13.3	11.32	137.2	0.06	7.36	147.7	1.52
06/04/2025	18.8	8.79	140.7	0.07	7.24	110.5	0.83
06/05/2025	18.4	7.34	139.3	0.07	7.11	129.4	2.43
06/06/2025	19.5	7.67	148.7	0.07	7.34	139.8	0.76
06/07/2025	12.5	11.71	118.3	0.06	7.68	136.6	3.00
06/08/2025	12.0	11.0	118.9	0.06	7.48	141.5	1.82

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
06/04/2025	YSI	✓	✓	✓	✓
06/04/2025	WTP	✓	N/A	N/A	✓

APPENDIX A: WTP Log

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	0:00:00	7.4	2.392	11.7	300,394	Open	11.6	112
6/2/2025	0:15:00	7.4	2.343	7.6	300,429	Open	11.6	112
6/2/2025	0:30:00	7.4	0.371	12.5	300,455	Closed	11.8	112
6/2/2025	0:45:00	7.3	0.689	5.9	300,467	Open	11.6	112
6/2/2025	1:00:00	7.3	2.366	6.4	300,499	Open	11.6	112
6/2/2025	1:15:00	7.3	2.313	5.6	300,534	Open	11.7	112
6/2/2025	1:30:00	7.4	2.275	7.7	300,569	Open	11.7	114
6/2/2025	1:45:00	7.3	1.260	5	300,586	Closed	12.1	114
6/2/2025	2:00:00	7.3	2.252	5.4	300,613	Open	11.8	114
6/2/2025	2:15:00	7.3	2.184	7	300,647	Open	11.8	114
6/2/2025	2:30:00	7.3	2.169	10.4	300,679	Open	11.9	114
6/2/2025	2:45:00	7.3	0.136	5.7	300,693	Closed	12.2	114
6/2/2025	3:00:00	7.3	2.339	7.8	300,706	Open	11.8	114
6/2/2025	3:15:00	7.3	2.332	7.6	300,741	Open	11.9	114
6/2/2025	3:30:00	7.3	2.252	12.2	300,776	Open	12	114
6/2/2025	3:45:00	7.4	0.235	12.9	300,807	Closed	12	114
6/2/2025	4:00:00	7.3	0.708	10.4	300,814	Open	12	114
6/2/2025	4:15:00	7.3	2.347	6.7	300,839	Open	11.9	114
6/2/2025	4:30:00	7.4	2.271	7.6	300,874	Open	12.1	114
6/2/2025	4:45:00	7.4	2.222	7	300,908	Open	12.1	114
6/2/2025	5:00:00	7.3	2.305	14.5	300,940	Open	12.1	114
6/2/2025	5:15:00	7.3	2.207	6	300,971	Open	12	114
6/2/2025	5:30:00	7.3	0.000	6.1	300,991	Closed	12.3	114
6/2/2025	5:45:00	7.3	2.086	7.1	301,005	Open	12.1	114
6/2/2025	6:00:00	7.3	2.199	5.4	301,027	Open	11.9	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	6:15:00	7.4	2.388	4.8	301,047	Open	11.8	112
6/2/2025	6:30:00	7.4	2.320	5.9	301,082	Open	11.9	114
6/2/2025	6:45:00	7.4	2.282	6.2	301,117	Open	11.9	112
6/2/2025	7:00:00	7.4	2.207	5.8	301,150	Open	11.9	114
6/2/2025	7:15:00	7.4	2.301	7.6	301,183	Open	11.8	114
6/2/2025	7:30:00	7.4	0.632	4.6	301,207	Open	11.7	114
6/2/2025	7:45:00	7.4	2.422	10.9	301,240	Open	11.8	112
6/2/2025	8:00:00	7.4	2.294	18.3	301,275	Open	11.9	112
6/2/2025	8:15:00	7.4	2.615	9.4	301,299	Open	13	281
6/2/2025	8:30:00	7.4	2.491	9.4	301,337	Open	12.4	261
6/2/2025	8:45:00	7.4	1.646	7.3	301,373	Open	12.4	112
6/2/2025	9:00:00	7.4	1.442	9.5	301,397	Open	12.4	112
6/2/2025	9:15:00	7.4	2.668	2.4	301,427	Open	12.2	112
6/2/2025	9:30:00	7.4	2.695	1.4	301,467	Open	12.1	112
6/2/2025	9:45:00	7.4	0.155	0.9	301,490	Open	12.3	112
6/2/2025	10:00:00	7.4	1.885	8.6	301,519	Open	12	112
6/2/2025	10:15:00	7.4	0.170	2.1	301,544	Open	12	112
6/2/2025	10:30:00	7.4	1.938	1.6	301,569	Open	12.4	116
6/2/2025	10:45:00	7.4	2.479	0.9	301,596	Open	12.7	117
6/2/2025	11:00:00	7.4	1.556	2	301,633	Open	12.8	118
6/2/2025	11:15:00	7.5	2.718	4.3	301,659	Open	12.9	118
6/2/2025	11:30:00	7.5	2.608	6	301,698	Open	12.9	117
6/2/2025	11:45:00	7.5	0.000	25.3	301,704	Closed	12.7	114
6/2/2025	12:00:00	7.5	2.104	15	301,732	Open	12.7	114
6/2/2025	12:15:00	7.4	2.498	11.1	301,764	Open	12.7	114
6/2/2025	12:30:00	7.4	0.000	6.9	301,785	Closed	13.1	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	13:00:00	7.4	2.930	4.7	301,817	Open	12.9	114
6/2/2025	13:15:00	7.4	2.797	6.5	301,860	Open	12.6	114
6/2/2025	13:30:00	7.3	0.223	6.9	301,880	Open	13	114
6/2/2025	13:45:00	7.3	2.260	4.2	301,900	Open	12.8	259
6/2/2025	14:00:00	7.2	2.377	7.5	301,932	Open	12.9	266
6/2/2025	14:15:00	7.2	2.074	4.1	301,963	Open	13	269
6/2/2025	14:30:00	7.2	1.980	0.1	301,982	Open	12.8	269
6/2/2025	14:45:00	7.2	2.373	0.4	302,015	Open	13	269
6/2/2025	15:00:00	7.2	2.350	0.3	302,050	Open	13	271
6/2/2025	15:15:00	7.2	2.350	0.3	302,085	Open	13	269
6/2/2025	15:30:00	7.2	2.419	5.4	302,106	Open	12.8	266
6/2/2025	15:45:00	7.2	2.267	0.6	302,132	Open	13	264
6/2/2025	16:00:00	7.2	2.271	0.8	302,166	Open	12.9	264
6/2/2025	16:15:00	7.2	1.843	14.1	302,194	Open	13	268
6/2/2025	16:30:00	7.2	0.000	2.3	302,218	Closed	12.9	268
6/2/2025	16:45:00	7.2	1.945	0	302,237	Open	12.9	269
6/2/2025	17:00:00	7.2	1.998	0.4	302,266	Open	12.8	269
6/2/2025	17:15:00	7.1	2.040	3.2	302,298	Open	12.9	276
6/2/2025	17:30:00	7	1.953	5.7	302,328	Open	13	281
6/2/2025	17:45:00	7	1.722	6.9	302,356	Open	13.1	284
6/2/2025	18:00:00	7	1.635	11.1	302,381	Open	13	287
6/2/2025	18:15:00	6.9	2.263	13.9	302,410	Open	12.7	276
6/2/2025	18:30:00	6.9	2.252	12.2	302,434	Open	12.6	271
6/2/2025	18:45:00	7	1.624	5.4	302,464	Open	12.5	269
6/2/2025	19:00:00	7	2.347	1.6	302,491	Open	12.5	269
6/2/2025	19:15:00	7.1	1.783	0.2	302,523	Open	12.5	267

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/2/2025	19:30:00	7.1	2.483	1.8	302,544	Open	12.4	264
6/2/2025	19:45:00	7.1	2.441	2	302,581	Open	12.2	114
6/2/2025	20:00:00	7.1	0.000	3.9	302,614	Closed	12.1	112
6/2/2025	20:15:00	7.2	2.343	3	302,636	Open	12	112
6/2/2025	20:30:00	7.2	2.381	2.1	302,671	Open	12	112
6/2/2025	20:45:00	7.2	2.051	3.4	302,706	Open	12	112
6/2/2025	21:00:00	7.2	2.354	2	302,723	Open	12	112
6/2/2025	21:15:00	7.2	2.316	1.5	302,758	Open	12	111
6/2/2025	21:30:00	7.2	0.000	1.1	302,788	Closed	12	112
6/2/2025	21:45:00	7.2	1.158	4.5	302,805	Open	11.9	112
6/2/2025	22:00:00	7.2	2.422	0.6	302,837	Open	11.9	112
6/2/2025	22:15:00	7.2	2.369	0.6	302,872	Open	12.1	262
6/2/2025	22:30:00	7.2	0.000	2.9	302,896	Closed	12.3	264
6/2/2025	22:45:00	7.2	2.354	1.1	302,927	Open	12.1	263
6/2/2025	23:00:00	7.2	2.286	0.9	302,962	Open	12.1	264
6/2/2025	23:15:00	7.2	2.343	2.2	302,989	Open	12	262
6/2/2025	23:30:00	7.2	2.313	2	303,023	Open	12.1	265
6/2/2025	23:45:00	7.2	2.286	1	303,058	Open	12.2	267
6/3/2025	0:00:00	7.2	2.464	0.3	303,083	Open	12.2	267
6/3/2025	0:15:00	7.2	1.832	0.5	303,120	Open	12.3	271
6/3/2025	0:30:00	7.2	2.562	1.8	303,126	Open	12.5	269
6/3/2025	0:45:00	7.2	2.521	1.3	303,164	Open	12.3	272
6/3/2025	1:00:00	7.2	2.479	2.7	303,186	Open	12.6	272
6/3/2025	1:15:00	7.2	1.234	3.5	303,217	Open	12.1	269
6/3/2025	1:30:00	7.2	2.445	1.3	303,252	Open	12	266
6/3/2025	1:45:00	7.2	2.388	1.7	303,288	Open	11.9	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	2:00:00	7.2	2.468	2.3	303,309	Open	12.1	264
6/3/2025	2:15:00	7.2	2.498	1.1	303,345	Open	11.9	264
6/3/2025	2:30:00	7.2	2.426	1.6	303,382	Open	12	264
6/3/2025	2:45:00	7.2	0.000	1.7	303,404	Closed	12.3	264
6/3/2025	3:00:00	7.2	2.411	2	303,433	Open	12.1	266
6/3/2025	3:15:00	7.2	1.230	6.7	303,449	Open	12.4	266
6/3/2025	3:30:00	7.2	2.343	1.1	303,479	Open	12.1	266
6/3/2025	3:45:00	7.2	2.385	1.1	303,514	Open	12	266
6/3/2025	4:00:00	7.2	2.388	0.1	303,549	Open	12	264
6/3/2025	4:15:00	7.2	0.000	1.6	303,570	Closed	12.1	266
6/3/2025	4:30:00	7.2	2.313	0.5	303,596	Open	12.1	269
6/3/2025	4:45:00	7.2	1.234	1.6	303,623	Open	12	266
6/3/2025	5:00:00	7.2	2.343	0.6	303,657	Open	12	266
6/3/2025	5:15:00	7.2	0.000	1	303,684	Closed	12.1	266
6/3/2025	5:30:00	7.2	2.400	1.8	303,701	Open	11.8	266
6/3/2025	5:45:00	7.2	2.396	2	303,737	Open	11.8	114
6/3/2025	6:00:00	7.2	2.392	2.1	303,760	Open	11.9	114
6/3/2025	6:15:00	7.2	2.403	2.8	303,795	Open	11.7	114
6/3/2025	6:30:00	7.2	2.350	2.3	303,831	Open	11.7	113
6/3/2025	6:45:00	7.2	1.083	2.6	303,861	Open	11.6	114
6/3/2025	7:00:00	7.2	2.400	4.6	303,874	Open	11.7	114
6/3/2025	7:15:00	7.2	2.403	3	303,911	Open	11.6	112
6/3/2025	7:30:00	7.2	0.000	2.2	303,942	Closed	11.7	112
6/3/2025	7:45:00	7.2	2.438	2.4	303,966	Open	11.7	112
6/3/2025	8:00:00	7.2	2.366	3	304,002	Open	11.7	112
6/3/2025	8:15:00	7.2	2.324	1.5	304,038	Open	11.7	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	8:30:00	7.2	2.350	2.5	304,052	Open	11.9	112
6/3/2025	8:45:00	7.2	2.260	9	304,083	Open	12	262
6/3/2025	9:00:00	7.2	0.405	5.5	304,104	Open	12.2	262
6/3/2025	9:15:00	7.2	0.000	1.3	304,104	Open	11.8	112
6/3/2025	9:30:00	7.2	2.574	0.9	304,124	Open	11.8	112
6/3/2025	9:45:00	7.2	2.419	0.6	304,161	Open	12	114
6/3/2025	10:00:00	7.2	2.445	0.8	304,196	Open	12	114
6/3/2025	10:15:00	7.2	2.403	1.2	304,233	Open	12.1	114
6/3/2025	10:30:00	7.2	2.369	0.6	304,268	Open	12.2	114
6/3/2025	10:45:00	7.2	1.752	5.8	304,302	Open	12.2	114
6/3/2025	11:00:00	7.3	1.927	6	304,331	Open	12.2	114
6/3/2025	11:15:00	7.2	2.385	1.3	304,344	Open	12.7	261
6/3/2025	11:30:00	7.2	2.347	1.3	304,380	Open	12.4	261
6/3/2025	11:45:00	7.3	2.358	1.2	304,416	Open	12.4	114
6/3/2025	12:00:00	7.2	2.400	3.1	304,436	Open	12.8	261
6/3/2025	12:15:00	7.3	1.915	7.1	304,461	Closed	12.5	261
6/3/2025	12:30:00	7.3	2.403	1.5	304,474	Open	12.6	262
6/3/2025	12:45:00	7.2	0.636	2.6	304,494	Closed	12.9	261
6/3/2025	13:00:00	7.2	2.623	9.2	304,494	Closed	12.6	262
6/3/2025	13:15:00	7.2	2.456	1.8	304,494	Closed	12.7	262
6/3/2025	13:30:00	7.2	1.980	1.2	304,496	Open	12.8	263
6/3/2025	13:45:00	7.2	0.000	0.1	304,517	Open	13.1	263
6/3/2025	14:00:00	7.2	2.002	1.9	304,538	Open	13.3	266
6/3/2025	14:15:00	7.2	0.201	3.2	304,558	Open	12.7	264
6/3/2025	14:30:00	7.2	2.067	0.4	304,579	Open	12.9	264
6/3/2025	14:45:00	7.2	2.297	0.9	304,609	Open	12.9	264

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	15:00:00	7.2	0.454	0.6	304,640	Open	12.9	263
6/3/2025	15:15:00	7.2	2.097	0.2	304,653	Open	13	264
6/3/2025	15:30:00	7.2	2.097	0.4	304,685	Open	13	264
6/3/2025	15:45:00	7.2	1.699	0.5	304,707	Closed	13.1	266
6/3/2025	16:00:00	7.2	1.957	0.5	304,711	Open	13.5	266
6/3/2025	16:15:00	7.2	1.802	3	304,742	Open	13.2	266
6/3/2025	16:30:00	7.2	2.188	0.2	304,775	Open	13.1	264
6/3/2025	16:45:00	7.2	2.176	0	304,808	Open	13	264
6/3/2025	17:00:00	7.2	2.150	0.7	304,840	Open	12.9	263
6/3/2025	17:15:00	7.2	1.802	4.3	304,869	Open	12.9	263
6/3/2025	17:30:00	7.1	2.044	2.7	304,888	Open	13	263
6/3/2025	17:45:00	7.2	2.229	1.6	304,921	Open	12.7	263
6/3/2025	18:00:00	7.2	2.245	1.7	304,955	Open	12.7	263
6/3/2025	18:15:00	7.1	2.203	1.8	304,988	Open	12.6	263
6/3/2025	18:30:00	7.1	2.222	1.7	305,021	Open	12.6	263
6/3/2025	18:45:00	7.1	0.148	2.1	305,048	Closed	12.8	263
6/3/2025	19:00:00	7.1	2.199	1.7	305,072	Open	12.7	264
6/3/2025	19:15:00	7.1	1.650	3.4	305,101	Open	12.6	263
6/3/2025	19:30:00	7.1	2.350	2.2	305,132	Open	12.5	264
6/3/2025	19:45:00	7.1	2.335	3.3	305,167	Open	12.2	263
6/3/2025	20:00:00	7.1	2.324	4.5	305,202	Open	12.1	263
6/3/2025	20:15:00	7.1	2.400	2.4	305,228	Open	12.1	264
6/3/2025	20:30:00	7.1	0.220	2.6	305,247	Closed	12.5	264
6/3/2025	20:45:00	7.1	2.403	3.6	305,280	Open	12.1	264
6/3/2025	21:00:00	7.1	2.381	5.9	305,316	Open	12.1	264
6/3/2025	21:15:00	7.1	1.287	5	305,350	Open	12.1	262

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Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/3/2025	21:30:00	7.1	1.540	7.9	305,366	Open	12	264
6/3/2025	21:45:00	7.1	2.506	4.2	305,398	Open	12.1	264
6/3/2025	22:00:00	7.1	2.513	4.4	305,435	Open	12.2	262
6/3/2025	22:15:00	7.1	2.453	4.7	305,444	Open	12.4	264
6/3/2025	22:30:00	7.1	2.445	3	305,480	Open	12.2	264
6/3/2025	22:45:00	7.1	2.415	2.9	305,517	Open	12.2	266
6/3/2025	23:00:00	7.1	0.121	2.2	305,539	Closed	12.5	266
6/3/2025	23:15:00	7.1	2.460	1	305,565	Open	12.2	266
6/3/2025	23:30:00	7.1	2.430	1	305,602	Open	12.2	266
6/3/2025	23:45:00	7.1	0.132	0.9	305,621	Closed	12.6	264
6/4/2025	0:00:00	7.1	2.441	0.7	305,653	Open	12.2	263
6/4/2025	0:15:00	7.1	2.422	1	305,690	Open	12.2	263
6/4/2025	0:30:00	7.1	0.000	3.3	305,717	Closed	12.5	264
6/4/2025	0:45:00	7.1	2.426	2.3	305,741	Open	12.2	264
6/4/2025	1:00:00	7.1	2.392	0.9	305,777	Open	12.2	264
6/4/2025	1:15:00	7.1	0.363	1.1	305,812	Closed	12.2	264
6/4/2025	1:30:00	7.1	2.411	2.7	305,832	Open	12.2	266
6/4/2025	1:45:00	7.1	1.737	7	305,866	Open	12.3	267
6/4/2025	2:00:00	7.1	0.462	3.7	305,874	Closed	13	267
6/4/2025	2:15:00	7.1	2.316	2.4	305,909	Open	12.3	266
6/4/2025	2:30:00	7.1	2.260	3.3	305,943	Open	12.3	266
6/4/2025	2:45:00	7.1	2.226	3.9	305,976	Open	12.2	266
6/4/2025	3:00:00	7.1	0.000	4.9	306,000	Closed	12.3	266
6/4/2025	3:15:00	7.1	2.286	4.5	306,018	Open	12.1	264
6/4/2025	3:30:00	7.1	2.267	3.2	306,052	Open	12.2	266
6/4/2025	3:45:00	7.1	2.222	2.9	306,077	Open	12	266

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	4:00:00	7.1	2.233	2.8	306,111	Open	12	264
6/4/2025	4:15:00	7.1	2.218	2.7	306,144	Open	12.1	116
6/4/2025	4:30:00	7.2	0.295	3.9	306,176	Closed	12.1	117
6/4/2025	4:45:00	7.1	1.465	3.5	306,189	Open	12.5	119
6/4/2025	5:00:00	7.2	2.203	2.3	306,219	Open	12.4	121
6/4/2025	5:15:00	7.2	2.176	3	306,252	Open	12.3	118
6/4/2025	5:30:00	7.2	2.180	4.4	306,284	Open	12.3	118
6/4/2025	5:45:00	7.2	0.000	10.3	306,304	Closed	12.1	116
6/4/2025	6:00:00	7.2	2.192	3.1	306,317	Open	12.5	116
6/4/2025	6:15:00	7.2	2.199	2.3	306,350	Open	12.1	116
6/4/2025	6:30:00	7.1	2.192	2.2	306,384	Open	12	115
6/4/2025	6:45:00	7.1	2.210	3.1	306,417	Open	11.9	114
6/4/2025	7:00:00	7.1	2.180	3.9	306,449	Open	11.8	114
6/4/2025	7:15:00	7.1	2.169	4.3	306,482	Open	11.7	114
6/4/2025	7:30:00	7.1	2.184	4.3	306,515	Open	11.8	114
6/4/2025	7:45:00	7.1	2.139	6.1	306,548	Open	11.7	114
6/4/2025	8:00:00	7.1	2.176	5.9	306,581	Open	11.7	113
6/4/2025	8:15:00	7.1	1.408	10.5	306,607	Open	11.9	113
6/4/2025	8:30:00	7.1	0.000	1.9	306,619	Closed	12.2	112
6/4/2025	8:45:00	7.1	0.000	1	306,620	Open	11.9	112
6/4/2025	9:00:00	7.1	2.180	0.8	306,637	Open	11.8	112
6/4/2025	9:15:00	7.1	2.184	1.4	306,669	Open	11.9	112
6/4/2025	9:30:00	7.1	2.180	0.9	306,702	Open	12.1	261
6/4/2025	9:45:00	7.1	2.157	0.7	306,735	Open	12.2	261
6/4/2025	10:00:00	7.1	2.150	2.5	306,767	Open	12.2	261
6/4/2025	10:15:00	7.1	2.157	0.7	306,800	Open	12.3	262

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	10:30:00	7.1	2.169	0.8	306,833	Open	12.3	262
6/4/2025	10:45:00	7.1	2.142	1.4	306,865	Open	12.4	262
6/4/2025	11:00:00	7.1	0.000	2.8	306,886	Closed	12.6	262
6/4/2025	11:15:00	7.1	1.734	5.9	306,903	Open	13.2	261
6/4/2025	11:30:00	7.2	1.147	4.6	306,925	Open	12.9	261
6/4/2025	11:45:00	7.2	2.339	1.1	306,946	Open	12.7	114
6/4/2025	12:00:00	7.1	2.305	1.3	306,981	Open	12.5	114
6/4/2025	12:15:00	7.1	0.000	0.7	307,013	Closed	12.6	114
6/4/2025	12:30:00	7.1	0.000	0.7	307,032	Closed	12.7	114
6/4/2025	12:45:00	7.1	2.706	0.7	307,049	Open	12.7	114
6/4/2025	13:00:00	7.1	2.574	5.6	307,070	Closed	12.8	114
6/4/2025	13:15:00	7.1	2.116	0.5	307,097	Open	12.7	114
6/4/2025	13:30:00	7.1	2.218	0	307,130	Open	12.7	259
6/4/2025	13:45:00	7.1	2.263	0.3	307,163	Open	12.7	259
6/4/2025	14:00:00	7.1	2.544	0.9	307,198	Open	12.5	114
6/4/2025	14:15:00	7.1	2.532	1.1	307,236	Open	12.5	261
6/4/2025	14:30:00	7.1	0.000	1.7	307,272	Closed	12.5	261
6/4/2025	14:45:00	7.1	0.000	3.5	307,291	Closed	12.7	261
6/4/2025	15:00:00	7.1	2.188	1.1	307,321	Open	12.7	261
6/4/2025	15:15:00	7.1	2.116	0.8	307,340	Closed	12.7	261
6/4/2025	15:30:00	7.1	2.260	0.8	307,367	Open	12.7	114
6/4/2025	15:45:00	7.1	2.222	0.4	307,401	Open	12.7	114
6/4/2025	16:00:00	7.1	2.222	1.3	307,405	Open	13.3	259
6/4/2025	16:15:00	7.1	2.248	0.6	307,439	Open	12.8	114
6/4/2025	16:30:00	7.1	2.237	0.2	307,473	Open	12.7	261
6/4/2025	16:45:00	7.1	2.434	3.2	307,496	Open	12.8	261

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	17:00:00	7.1	2.422	1.4	307,532	Open	12.7	261
6/4/2025	17:15:00	7.1	2.415	1.7	307,568	Open	12.8	261
6/4/2025	17:30:00	7.1	2.631	0.7	307,607	Open	12.8	261
6/4/2025	17:45:00	7.1	1.609	0	307,641	Open	12.9	261
6/4/2025	18:00:00	7.1	2.267	1	307,661	Open	12.9	261
6/4/2025	18:15:00	7.1	2.248	1.7	307,695	Open	13	263
6/4/2025	18:30:00	7.1	2.245	2.3	307,729	Open	12.9	263
6/4/2025	18:45:00	7.1	2.108	1	307,750	Closed	13.5	263
6/4/2025	19:00:00	7.1	2.267	1.5	307,783	Open	12.9	263
6/4/2025	19:15:00	7.1	2.252	0.8	307,817	Open	12.9	263
6/4/2025	19:30:00	7.1	0.000	0	307,845	Closed	12.9	263
6/4/2025	19:45:00	7.1	2.324	0.1	307,868	Open	12.8	263
6/4/2025	20:00:00	7.1	2.294	0.2	307,903	Open	12.7	263
6/4/2025	20:15:00	7.1	2.309	0	307,937	Open	12.7	263
6/4/2025	20:30:00	7.1	0.000	0.5	307,962	Closed	12.9	262
6/4/2025	20:45:00	7.1	2.301	0.3	307,994	Open	12.7	263
6/4/2025	21:00:00	7.1	2.290	0.6	308,028	Open	12.8	263
6/4/2025	21:15:00	7.1	2.286	0.4	308,062	Open	12.8	264
6/4/2025	21:30:00	7.1	2.263	0.6	308,096	Open	12.9	264
6/4/2025	21:45:00	7.1	2.245	2.1	308,118	Open	12.9	264
6/4/2025	22:00:00	7.1	2.237	0.6	308,151	Open	12.8	266
6/4/2025	22:15:00	7.1	2.214	0.6	308,184	Open	12.8	266
6/4/2025	22:30:00	7.1	1.370	12.5	308,215	Open	12.7	266
6/4/2025	22:45:00	7.1	0.000	0	308,242	Closed	12.6	266
6/4/2025	23:00:00	7.1	2.332	1.8	308,254	Open	12.7	266
6/4/2025	23:15:00	7.1	0.000	0.5	308,283	Closed	12.9	266

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/4/2025	23:30:00	7.1	2.358	0.3	308,311	Open	12.9	268
6/4/2025	23:45:00	7.1	2.347	0	308,347	Open	12.9	266
6/5/2025	0:00:00	7.1	2.350	0.4	308,372	Open	12.7	264
6/5/2025	0:15:00	7.1	2.358	0.4	308,408	Open	12.7	264
6/5/2025	0:30:00	7.1	2.358	0.6	308,443	Open	12.6	264
6/5/2025	0:45:00	7.1	2.309	0.5	308,478	Open	12.6	264
6/5/2025	1:00:00	7.1	0.000	0.1	308,499	Closed	12.8	264
6/5/2025	1:15:00	7.1	1.597	0.8	308,518	Open	12.7	264
6/5/2025	1:30:00	7.1	2.358	1.1	308,553	Open	12.6	268
6/5/2025	1:45:00	7.1	2.320	1	308,569	Open	12.7	269
6/5/2025	2:00:00	7.1	2.301	0.7	308,604	Open	12.7	269
6/5/2025	2:15:00	7.2	2.305	0.7	308,639	Open	12.6	269
6/5/2025	2:30:00	7.1	1.416	3.2	308,671	Open	12.6	269
6/5/2025	2:45:00	7.1	1.968	0.4	308,697	Open	12.5	267
6/5/2025	3:00:00	7.1	1.953	0.2	308,727	Open	12.5	267
6/5/2025	3:15:00	7.1	1.809	1.2	308,750	Closed	12.5	268
6/5/2025	3:30:00	7.1	2.483	0	308,750	Closed	12.7	269
6/5/2025	3:45:00	7.1	2.373	0.3	308,763	Open	12.7	269
6/5/2025	4:00:00	7.1	2.392	0.4	308,792	Open	12.7	269
6/5/2025	4:15:00	7.1	2.369	0.9	308,810	Open	12.8	269
6/5/2025	4:30:00	7.1	2.339	0	308,846	Open	12.8	268
6/5/2025	4:45:00	7.2	2.301	0.4	308,872	Open	12.6	269
6/5/2025	5:00:00	7.2	2.260	0.4	308,906	Open	12.6	266
6/5/2025	5:15:00	7.2	2.275	1	308,941	Open	12.6	268
6/5/2025	5:30:00	7.2	2.316	1.7	308,975	Open	12.5	268
6/5/2025	5:45:00	7.2	2.286	1.6	309,009	Open	12.5	268

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	6:00:00	7.1	0.420	4.6	309,037	Closed	12.6	268
6/5/2025	6:15:00	7.1	2.256	2.9	309,063	Open	12.5	268
6/5/2025	6:30:00	7.1	2.248	2.8	309,096	Open	12.4	268
6/5/2025	6:45:00	7.1	2.210	3	309,130	Open	12.4	266
6/5/2025	7:00:00	7.1	0.314	1.7	309,158	Closed	12.5	266
6/5/2025	7:15:00	7.1	2.222	1.8	309,181	Open	12.3	266
6/5/2025	7:30:00	7.1	2.305	1.3	309,204	Open	12.1	263
6/5/2025	7:45:00	7.1	2.294	0.7	309,239	Open	12.1	262
6/5/2025	8:00:00	7.1	2.343	0.3	309,269	Open	12.2	262
6/5/2025	8:15:00	7.1	2.279	2.7	309,302	Open	12.1	262
6/5/2025	8:30:00	7.1	2.222	1.2	309,335	Open	12.2	261
6/5/2025	8:45:00	7.1	2.226	2.1	309,368	Open	12.2	262
6/5/2025	9:00:00	7.1	1.745	1.2	309,399	Open	12.4	262
6/5/2025	9:15:00	7.1	0.182	2.5	309,410	Closed	12.5	261
6/5/2025	9:30:00	7.1	1.756	9.5	309,427	Closed	12.3	114
6/5/2025	9:45:00	7.1	0.360	2.9	309,439	Closed	12.4	262
6/5/2025	10:00:00	7.1	2.415	1.2	309,466	Open	12.4	114
6/5/2025	10:15:00	7.1	2.332	0.8	309,501	Open	12.5	262
6/5/2025	10:30:00	7.1	2.256	2.1	309,535	Open	12.5	261
6/5/2025	10:45:00	7.1	2.324	2.7	309,555	Open	12.6	261
6/5/2025	11:00:00	7.1	2.305	9.7	309,583	Open	12.5	114
6/5/2025	11:15:00	7.1	1.696	7.9	309,600	Closed	12.7	261
6/5/2025	11:30:00	7.1	1.904	5.6	309,634	Open	12.8	259
6/5/2025	11:45:00	7.1	2.154	1.2	309,664	Open	12.9	264
6/5/2025	12:00:00	7.1	2.180	1.2	309,697	Open	12.9	262
6/5/2025	12:15:00	7.1	2.154	0.4	309,729	Open	12.9	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	12:30:00	7.1	2.169	0.7	309,762	Open	13	261
6/5/2025	12:45:00	7.1	2.199	1.3	309,794	Open	13.1	261
6/5/2025	13:00:00	7.1	1.949	7.3	309,823	Open	13.1	261
6/5/2025	13:15:00	7.1	2.316	0.6	309,838	Open	13.1	261
6/5/2025	13:30:00	7.1	2.161	2.5	309,869	Open	13	261
6/5/2025	13:45:00	7.1	0.000	3.7	309,885	Closed	12.9	114
6/5/2025	14:00:00	7.1	2.233	0.9	309,913	Open	13	259
6/5/2025	14:15:00	7.1	0.197	0.9	309,943	Closed	13	260
6/5/2025	14:30:00	7.1	0.000	0.9	309,944	Closed	13.7	261
6/5/2025	14:45:00	7.1	0.000	4.5	309,969	Closed	13.3	261
6/5/2025	15:00:00	7.1	2.377	0	309,998	Open	13.3	261
6/5/2025	15:15:00	7.1	2.354	0.8	310,033	Open	13.4	261
6/5/2025	15:30:00	7.1	2.343	1.9	310,068	Open	13.5	261
6/5/2025	15:45:00	7.1	2.347	1.8	310,089	Open	13.6	261
6/5/2025	16:00:00	7.1	2.347	2.6	310,124	Open	13.4	261
6/5/2025	16:15:00	7.1	2.316	2.3	310,159	Open	13.3	261
6/5/2025	16:30:00	7.1	1.556	15	310,173	Open	13.5	262
6/5/2025	16:45:00	7.1	2.116	7.2	310,188	Open	13.3	261
6/5/2025	17:00:00	7.1	2.411	1.9	310,225	Open	13.2	262
6/5/2025	17:15:00	7.1	2.358	4.4	310,261	Open	13	262
6/5/2025	17:30:00	7.1	2.286	4	310,285	Open	13.3	262
6/5/2025	17:45:00	7.1	2.415	3	310,321	Open	13.3	260
6/5/2025	18:00:00	7.1	1.930	2.1	310,346	Open	13.7	262
6/5/2025	18:15:00	7.1	2.574	0.9	310,383	Open	13.3	262
6/5/2025	18:30:00	7.1	2.176	8.8	310,417	Open	13.7	258
6/5/2025	18:45:00	7.1	2.002	22.5	310,435	Open	13.3	260

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/5/2025	19:00:00	7.1	2.430	2.5	310,462	Open	12.8	114
6/5/2025	19:15:00	7.1	2.483	3.1	310,499	Open	12.7	114
6/5/2025	19:30:00	7.1	2.509	7.6	310,523	Open	12.8	114
6/5/2025	19:45:00	7.1	2.506	15	310,560	Open	12.6	114
6/5/2025	20:00:00	7.1	2.192	22	310,580	Closed	12.8	114
6/5/2025	20:15:00	7.2	2.366	1.5	310,615	Open	12.4	114
6/5/2025	20:30:00	7.1	2.328	2.6	310,650	Open	12.4	114
6/5/2025	20:45:00	7.1	2.369	1.3	310,673	Open	12.4	114
6/5/2025	21:00:00	7.2	2.335	0.8	310,708	Open	12.4	114
6/5/2025	21:15:00	7.2	2.271	1.2	310,743	Open	12.4	114
6/5/2025	21:30:00	7.2	2.286	1.2	310,765	Open	12.4	114
6/5/2025	21:45:00	7.2	1.382	1.3	310,792	Open	12.2	115
6/5/2025	22:00:00	7.2	2.403	0.6	310,813	Open	12.3	114
6/5/2025	22:15:00	7.2	2.373	1.5	310,849	Open	12.3	114
6/5/2025	22:30:00	7.2	2.339	0.5	310,885	Open	12.2	114
6/5/2025	22:45:00	7.2	2.358	0.7	310,920	Open	12.2	115
6/5/2025	23:00:00	7.2	0.227	0.5	310,947	Open	12.4	114
6/5/2025	23:15:00	7.2	2.332	0.5	310,974	Open	12.2	114
6/5/2025	23:30:00	7.2	2.354	2.4	310,995	Open	12.4	114
6/5/2025	23:45:00	7.2	2.332	1.1	311,031	Open	12.1	114
6/6/2025	0:00:00	7.2	0.235	0.8	311,057	Open	12.3	114
6/6/2025	0:15:00	7.2	2.301	1.6	311,087	Open	12	114
6/6/2025	0:30:00	7.2	2.403	1.4	311,117	Open	12	115
6/6/2025	0:45:00	7.2	2.328	0.5	311,152	Open	12.1	114
6/6/2025	1:00:00	7.2	2.373	0.4	311,175	Open	12.2	114
6/6/2025	1:15:00	7.3	2.354	0.2	311,210	Open	12.2	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	1:30:00	7.3	2.320	0.1	311,246	Open	12.3	115
6/6/2025	1:45:00	7.3	1.752	0.3	311,276	Open	12.5	114
6/6/2025	2:00:00	7.3	2.411	0	311,312	Open	12.4	114
6/6/2025	2:15:00	7.3	2.339	0	311,348	Open	12.4	114
6/6/2025	2:30:00	7.3	2.294	0.2	311,382	Open	12.4	114
6/6/2025	2:45:00	7.4	0.390	0	311,415	Open	12.5	114
6/6/2025	3:00:00	7.3	0.193	0.5	311,427	Open	12.7	114
6/6/2025	3:15:00	7.3	2.449	0	311,455	Open	12.3	115
6/6/2025	3:30:00	7.3	0.409	0	311,490	Open	12.2	114
6/6/2025	3:45:00	7.3	2.343	0	311,515	Open	12.2	114
6/6/2025	4:00:00	7.3	2.297	0	311,549	Open	12.2	115
6/6/2025	4:15:00	7.3	2.422	0.8	311,580	Open	12.4	114
6/6/2025	4:30:00	7.3	0.148	0	311,608	Open	12.5	114
6/6/2025	4:45:00	7.3	2.350	0	311,638	Open	12.3	115
6/6/2025	5:00:00	7.3	2.309	0	311,673	Open	12.3	115
6/6/2025	5:15:00	7.3	2.286	0	311,707	Open	12.3	114
6/6/2025	5:30:00	7.3	0.534	1.9	311,738	Open	12.4	114
6/6/2025	5:45:00	7.3	2.381	0	311,760	Open	12.2	114
6/6/2025	6:00:00	7.3	2.339	0.1	311,796	Open	12.1	115
6/6/2025	6:15:00	7.3	2.286	0	311,830	Open	12.1	114
6/6/2025	6:30:00	7.3	2.324	0.9	311,851	Open	12.2	115
6/6/2025	6:45:00	7.3	1.665	1.2	311,885	Open	12.1	115
6/6/2025	7:00:00	7.3	2.332	2.7	311,896	Open	12.4	115
6/6/2025	7:15:00	7.3	2.305	0.8	311,931	Open	12	114
6/6/2025	7:30:00	7.3	2.260	1.6	311,965	Open	12	115
6/6/2025	7:45:00	7.3	0.375	0.9	311,997	Open	12.1	114

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	8:00:00	7.3	2.260	0.7	312,019	Open	12.1	114
6/6/2025	8:15:00	7.3	2.396	0.3	312,047	Open	12.3	115
6/6/2025	8:30:00	7.3	1.537	1.4	312,070	Open	12.1	114
6/6/2025	8:45:00	7.3	2.426	0.3	312,101	Open	12	114
6/6/2025	9:00:00	7.3	2.381	0.8	312,137	Open	12	114
6/6/2025	9:15:00	7.3	0.000	0.6	312,162	Open	12.3	114
6/6/2025	9:30:00	7.3	1.983	0.3	312,179	Open	12	114
6/6/2025	9:45:00	7.3	2.426	0.5	312,208	Open	12.1	114
6/6/2025	10:00:00	7.3	0.212	0.6	312,240	Open	12.2	114
6/6/2025	10:15:00	7.3	2.358	0.8	312,265	Open	12.2	114
6/6/2025	10:30:00	7.3	0.114	0.4	312,291	Open	12.5	114
6/6/2025	10:45:00	7.3	0.201	0.5	312,311	Open	12.5	114
6/6/2025	11:00:00	7.2	1.938	11	312,324	Open	12.5	114
6/6/2025	11:15:00	7.3	2.188	0.9	312,348	Open	12.5	114
6/6/2025	11:30:00	7.3	2.214	1.2	312,381	Open	12.6	114
6/6/2025	11:45:00	7.3	2.184	1.1	312,414	Open	12.6	114
6/6/2025	12:00:00	7.3	2.218	0.7	312,447	Open	12.6	115
6/6/2025	12:15:00	7.3	2.195	1.1	312,480	Open	12.7	114
6/6/2025	12:30:00	7.3	2.165	0.9	312,513	Open	12.8	114
6/6/2025	12:45:00	7.3	1.609	1.4	312,540	Open	12.8	114
6/6/2025	13:00:00	7.3	2.263	0.9	312,563	Open	13	115
6/6/2025	13:15:00	7.3	2.180	1.1	312,596	Open	13	115
6/6/2025	13:30:00	7.3	0.000	18.9	312,618	Closed	12.7	115
6/6/2025	13:45:00	7.3	2.139	0.7	312,648	Open	12.8	115
6/6/2025	14:00:00	7.3	2.146	1.7	312,681	Open	12.8	114
6/6/2025	14:15:00	7.3	2.104	1	312,712	Open	12.9	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	14:30:00	7.3	2.101	1.5	312,724	Open	13	115
6/6/2025	14:45:00	7.3	2.188	2.3	312,752	Open	13.1	115
6/6/2025	15:00:00	7.3	2.139	1.3	312,784	Open	12.9	115
6/6/2025	15:15:00	7.3	2.502	1.1	312,820	Open	12.9	115
6/6/2025	15:30:00	7.3	2.483	1	312,858	Open	12.9	115
6/6/2025	15:45:00	7.3	1.128	10.7	312,881	Open	13.1	115
6/6/2025	16:00:00	7.3	2.472	1.5	312,911	Open	12.9	115
6/6/2025	16:15:00	7.3	2.468	1	312,948	Open	12.9	114
6/6/2025	16:30:00	7.3	2.441	4	312,969	Open	13.2	115
6/6/2025	16:45:00	7.3	2.434	2.7	313,006	Open	12.9	115
6/6/2025	17:00:00	7.3	2.419	2.4	313,042	Open	13	115
6/6/2025	17:15:00	7.2	2.297	2.5	313,057	Closed	13.5	115
6/6/2025	17:30:00	7.3	2.422	2.1	313,093	Open	13	115
6/6/2025	17:45:00	7.3	2.400	2.5	313,129	Open	12.9	115
6/6/2025	18:00:00	7.3	2.332	2.9	313,164	Open	12.9	115
6/6/2025	18:15:00	7.3	2.332	3.1	313,200	Open	13	115
6/6/2025	18:30:00	7.3	2.339	3	313,235	Open	12.9	115
6/6/2025	18:45:00	7.3	2.396	6.6	313,256	Open	13.2	115
6/6/2025	19:00:00	7.3	2.335	2.9	313,291	Open	12.9	115
6/6/2025	19:15:00	7.3	2.494	1.8	313,314	Open	12.9	115
6/6/2025	19:30:00	7.3	1.707	1	313,348	Open	12.6	115
6/6/2025	19:45:00	7.3	2.070	0.4	313,368	Open	12.4	114
6/6/2025	20:00:00	7.3	2.456	0.2	313,404	Open	12.4	114
6/6/2025	20:15:00	7.3	2.377	1.2	313,441	Open	12.3	115
6/6/2025	20:30:00	7.3	2.464	2	313,467	Open	12.3	115
6/6/2025	20:45:00	7.3	2.422	0	313,503	Open	12.3	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/6/2025	21:00:00	7.3	2.400	0.1	313,540	Open	12.3	115
6/6/2025	21:15:00	7.3	2.498	0	313,575	Open	12.4	115
6/6/2025	21:30:00	7.3	2.479	0	313,613	Open	12.5	115
6/6/2025	21:45:00	7.2	1.821	1.4	313,647	Open	12.7	115
6/6/2025	22:00:00	7.2	2.547	0	313,681	Open	12.5	115
6/6/2025	22:15:00	7.2	2.521	0.1	313,720	Open	12.5	115
6/6/2025	22:30:00	7.2	2.589	0.1	313,743	Open	12.6	115
6/6/2025	22:45:00	7.2	2.566	0	313,782	Open	12.5	115
6/6/2025	23:00:00	7.2	2.585	1.6	313,803	Open	12.5	115
6/6/2025	23:15:00	7.2	0.000	0.4	313,823	Closed	12.4	115
6/6/2025	23:30:00	7.2	2.589	0.4	313,854	Open	12.2	117
6/6/2025	23:45:00	7.2	2.570	0.6	313,893	Open	12.1	115
6/7/2025	0:00:00	7.2	2.525	2.7	313,917	Open	12.4	114
6/7/2025	0:15:00	7.2	2.559	0.7	313,956	Open	12.1	115
6/7/2025	0:30:00	7.2	2.570	3	313,969	Open	12.2	115
6/7/2025	0:45:00	7.2	2.525	0.9	314,007	Open	12.2	115
6/7/2025	1:00:00	7.2	2.525	2.4	314,045	Open	12.2	115
6/7/2025	1:15:00	7.2	2.517	2	314,083	Open	12.3	115
6/7/2025	1:30:00	7.2	2.498	2.3	314,121	Open	12.3	263
6/7/2025	1:45:00	7.1	2.517	2.8	314,141	Open	12.3	263
6/7/2025	2:00:00	7.1	2.491	3.7	314,178	Open	12.3	266
6/7/2025	2:15:00	7.1	2.475	3.8	314,216	Open	12.2	264
6/7/2025	2:30:00	7.1	2.460	4.3	314,253	Open	12.2	264
6/7/2025	2:45:00	7.1	2.487	4.3	314,275	Open	12.2	263
6/7/2025	3:00:00	7.1	2.506	6.5	314,301	Open	12.1	115
6/7/2025	3:15:00	7.1	2.479	1.4	314,338	Open	12.1	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	3:30:00	7.1	0.000	0.1	314,368	Closed	12.3	115
6/7/2025	3:45:00	7.1	2.464	3.8	314,397	Open	12.2	117
6/7/2025	4:00:00	7.1	2.430	0.7	314,434	Open	12.2	115
6/7/2025	4:15:00	7.1	1.749	6	314,468	Open	12.2	115
6/7/2025	4:30:00	7.1	2.475	1.1	314,489	Open	12.1	115
6/7/2025	4:45:00	7.1	2.460	1.7	314,526	Open	12	115
6/7/2025	5:00:00	7.1	2.438	1.7	314,563	Open	11.9	115
6/7/2025	5:15:00	7.1	0.000	0.3	314,587	Closed	12.1	115
6/7/2025	5:30:00	7.1	2.426	0.2	314,620	Open	11.8	115
6/7/2025	5:45:00	7.1	2.456	6.1	314,634	Open	12.2	114
6/7/2025	6:00:00	7.2	2.449	0	314,671	Open	11.8	115
6/7/2025	6:15:00	7.2	2.422	1	314,708	Open	11.8	115
6/7/2025	6:30:00	7.2	2.271	0.4	314,728	Closed	12.1	115
6/7/2025	6:45:00	7.2	2.479	0.4	314,758	Open	11.8	115
6/7/2025	7:00:00	7.2	1.945	0	314,788	Open	11.9	116
6/7/2025	7:15:00	7.2	2.536	0.6	314,809	Open	11.9	115
6/7/2025	7:30:00	7.2	2.498	0	314,846	Open	11.8	116
6/7/2025	7:45:00	7.2	2.456	0.1	314,883	Open	11.8	114
6/7/2025	8:00:00	7.2	0.000	0.1	314,909	Closed	12	115
6/7/2025	8:15:00	7.2	1.794	0.3	314,936	Open	12	115
6/7/2025	8:30:00	7.2	2.483	0.2	314,956	Open	12	115
6/7/2025	8:45:00	7.2	2.438	0.4	314,993	Open	12	115
6/7/2025	9:00:00	7.2	1.238	2	315,023	Open	12	115
6/7/2025	9:15:00	7.2	1.234	2.2	315,036	Open	12	117
6/7/2025	9:30:00	7.2	2.282	0.5	315,061	Open	12.1	115
6/7/2025	9:45:00	7.2	0.000	0.2	315,094	Closed	12.2	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	10:00:00	7.2	2.101	12.5	315,105	Open	12.4	115
6/7/2025	10:15:00	7.2	2.226	2.8	315,111	Closed	12.2	114
6/7/2025	10:30:00	7.2	2.358	2.5	315,120	Open	12.4	115
6/7/2025	10:45:00	7.2	2.646	0	315,155	Open	12.4	115
6/7/2025	11:00:00	7.2	2.547	0.4	315,186	Open	12.5	115
6/7/2025	11:15:00	7.2	0.666	3.8	315,216	Closed	12.5	115
6/7/2025	11:30:00	7.2	2.226	0	315,236	Open	12.8	115
6/7/2025	11:45:00	7.2	2.207	0.1	315,269	Open	12.8	115
6/7/2025	12:00:00	7.2	2.199	0	315,302	Open	12.8	115
6/7/2025	12:15:00	7.2	0.280	0	315,307	Closed	13.4	115
6/7/2025	12:30:00	7.2	2.195	0	315,327	Open	13	114
6/7/2025	12:45:00	7.2	2.169	0	315,360	Open	13.1	115
6/7/2025	13:00:00	7.2	2.347	2.1	315,376	Open	13.4	114
6/7/2025	13:15:00	7.2	2.335	0	315,411	Open	13	115
6/7/2025	13:30:00	7.2	2.237	0	315,446	Open	13.1	114
6/7/2025	13:45:00	7.2	2.400	0	315,466	Open	13.5	114
6/7/2025	14:00:00	7.2	2.354	0.3	315,501	Open	13.4	116
6/7/2025	14:15:00	7.2	1.567	0.5	315,525	Open	13.2	116
6/7/2025	14:30:00	7.2	1.575	0	315,546	Open	13.4	115
6/7/2025	14:45:00	7.2	2.419	0	315,575	Open	13.4	114
6/7/2025	15:00:00	7.2	2.566	0	315,612	Open	13.5	114
6/7/2025	15:15:00	7.2	2.146	0.4	315,646	Open	13.9	117
6/7/2025	15:30:00	7.2	1.469	3.4	315,670	Open	13.2	114
6/7/2025	15:45:00	7.2	1.654	1.5	315,695	Open	13.1	117
6/7/2025	16:00:00	7.2	2.653	1.9	315,727	Open	13.2	117
6/7/2025	16:15:00	7.2	2.581	1.2	315,766	Open	13.3	116

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	16:30:00	7.2	2.528	0.6	315,805	Open	13.3	116
6/7/2025	16:45:00	7.2	2.430	0.4	315,842	Open	13.3	116
6/7/2025	17:00:00	7.2	1.927	0.6	315,873	Open	13.4	117
6/7/2025	17:15:00	7.2	2.532	0.2	315,892	Open	13.4	116
6/7/2025	17:30:00	7.2	1.605	0	315,922	Open	13.2	117
6/7/2025	17:45:00	7.2	0.148	0	315,936	Closed	13.7	116
6/7/2025	18:00:00	7.2	1.544	0.3	315,958	Open	13.2	117
6/7/2025	18:15:00	7.2	0.136	0	315,977	Closed	13.2	117
6/7/2025	18:30:00	7.2	2.445	0	316,006	Open	13.2	117
6/7/2025	18:45:00	7.2	1.677	3.9	316,038	Open	13.1	117
6/7/2025	19:00:00	7.2	1.756	0	316,064	Open	12.9	117
6/7/2025	19:15:00	7.2	2.290	0.1	316,084	Open	13	115
6/7/2025	19:30:00	7.2	2.585	0.4	316,121	Open	12.9	115
6/7/2025	19:45:00	7.2	2.540	1.3	316,159	Open	12.8	114
6/7/2025	20:00:00	7.2	2.502	1.9	316,197	Open	12.8	114
6/7/2025	20:15:00	7.2	2.604	1.3	316,217	Open	12.9	114
6/7/2025	20:30:00	7.2	2.547	4.8	316,256	Open	12.7	114
6/7/2025	20:45:00	7.2	2.498	0.7	316,294	Open	12.8	115
6/7/2025	21:00:00	7.2	2.509	1.5	316,316	Open	12.9	115
6/7/2025	21:15:00	7.2	1.942	0.2	316,352	Open	13	115
6/7/2025	21:30:00	7.2	0.159	1.5	316,380	Closed	13.1	115
6/7/2025	21:45:00	7.2	2.593	0	316,408	Open	12.8	115
6/7/2025	22:00:00	7.2	2.544	0.9	316,446	Open	12.7	115
6/7/2025	22:15:00	7.2	0.000	0.3	316,483	Closed	12.7	115
6/7/2025	22:30:00	7.2	2.498	0.6	316,506	Open	12.7	115
6/7/2025	22:45:00	7.2	2.456	0.8	316,538	Open	12.6	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/7/2025	23:00:00	7.1	2.483	0.5	316,544	Open	13.1	114
6/7/2025	23:15:00	7.1	2.453	0.6	316,581	Open	12.4	115
6/7/2025	23:30:00	7.1	0.125	5.4	316,600	Closed	12.5	115
6/7/2025	23:45:00	7.1	2.566	1.1	316,626	Open	12.3	115
6/8/2025	0:00:00	7.1	2.521	1.3	316,664	Open	12.3	115
6/8/2025	0:15:00	7.1	2.517	1.6	316,686	Open	12.3	114
6/8/2025	0:30:00	7.1	2.494	2.8	316,724	Open	12.2	115
6/8/2025	0:45:00	7.1	1.858	4.1	316,745	Open	12.4	114
6/8/2025	1:00:00	7.1	2.506	0.7	316,781	Open	12.2	115
6/8/2025	1:15:00	7.1	2.502	1.6	316,802	Open	12.2	114
6/8/2025	1:30:00	7.2	2.445	1.2	316,840	Open	12.2	115
6/8/2025	1:45:00	7.2	2.422	2.4	316,876	Open	12.2	114
6/8/2025	2:00:00	7.2	1.862	5.3	316,896	Open	12.3	114
6/8/2025	2:15:00	7.2	2.509	0.6	316,927	Open	12.2	115
6/8/2025	2:30:00	7.2	0.000	0.2	316,960	Closed	12.3	115
6/8/2025	2:45:00	7.1	2.430	0.7	316,986	Open	12.2	114
6/8/2025	3:00:00	7.1	0.174	0.2	317,022	Closed	12.2	115
6/8/2025	3:15:00	7.1	1.181	2.8	317,033	Open	12.2	115
6/8/2025	3:30:00	7.1	2.502	1.2	317,070	Open	12.1	115
6/8/2025	3:45:00	7.1	2.506	1.5	317,089	Open	12.1	115
6/8/2025	4:00:00	7.1	1.408	1.1	317,123	Open	12.1	115
6/8/2025	4:15:00	7.1	2.619	1.3	317,141	Open	12.1	115
6/8/2025	4:30:00	7.1	1.450	3.5	317,177	Open	12	115
6/8/2025	4:45:00	7.1	0.000	2.7	317,190	Closed	12.3	115
6/8/2025	5:00:00	7.1	2.706	1.4	317,227	Open	12	115
6/8/2025	5:15:00	7.1	2.733	3.2	317,249	Open	12.2	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	5:30:00	7.1	2.680	3.2	317,290	Open	12	115
6/8/2025	5:45:00	7.1	2.687	1.6	317,314	Open	12.1	115
6/8/2025	6:00:00	7.1	2.714	2.4	317,337	Open	12.3	115
6/8/2025	6:15:00	7.1	2.657	0.8	317,377	Open	12	115
6/8/2025	6:30:00	7.1	2.638	1.2	317,400	Open	12	115
6/8/2025	6:45:00	7.1	0.307	3.9	317,430	Open	12.2	115
6/8/2025	7:00:00	7.1	2.589	0.6	317,463	Open	12	115
6/8/2025	7:15:00	7.1	1.980	2.5	317,483	Open	12.1	117
6/8/2025	7:30:00	7.1	2.619	1.7	317,508	Open	12.3	114
6/8/2025	7:45:00	7.1	1.279	3.3	317,538	Open	11.9	114
6/8/2025	8:00:00	7.1	0.257	0.3	317,558	Open	12.1	114
6/8/2025	8:15:00	7.1	2.578	0.2	317,588	Open	12	114
6/8/2025	8:30:00	7.1	0.257	0.9	317,615	Open	12.2	114
6/8/2025	8:45:00	7.1	2.434	0.8	317,642	Open	12	114
6/8/2025	9:00:00	7.1	2.460	1.5	317,674	Open	12.1	115
6/8/2025	9:15:00	7.1	2.653	2.6	317,700	Open	12.1	115
6/8/2025	9:30:00	7.1	0.235	18.3	317,730	Open	12.3	115
6/8/2025	9:45:00	7.1	0.265	13.4	317,734	Open	13	115
6/8/2025	10:00:00	7.1	2.445	1.3	317,761	Open	12.4	115
6/8/2025	10:15:00	7.1	1.855	4.1	317,796	Open	12.5	115
6/8/2025	10:30:00	7.1	0.651	3.9	317,822	Open	12.5	115
6/8/2025	10:45:00	7.1	2.468	0.5	317,844	Open	12.6	115
6/8/2025	11:00:00	7.2	2.434	0.8	317,881	Open	12.7	115
6/8/2025	11:15:00	7.2	2.438	2.2	317,904	Open	12.8	115
6/8/2025	11:30:00	7.2	2.445	0.9	317,941	Open	12.8	115
6/8/2025	11:45:00	7.2	0.295	2.3	317,975	Open	12.9	115

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	12:00:00	7.2	2.460	0.3	318,003	Open	13	115
6/8/2025	12:15:00	7.2	0.242	0.8	318,029	Open	13.3	115
6/8/2025	12:30:00	7.2	2.426	0.2	318,059	Open	13.1	115
6/8/2025	12:45:00	7.2	0.322	0	318,084	Open	13.4	114
6/8/2025	13:00:00	7.2	0.235	0	318,105	Open	13.6	115
6/8/2025	13:15:00	7.2	2.426	0	318,134	Open	13.3	116
6/8/2025	13:30:00	7.2	2.385	0.2	318,159	Open	13.5	116
6/8/2025	13:45:00	7.2	2.324	0.9	318,194	Open	13.4	116
6/8/2025	14:00:00	7.2	0.155	0.3	318,224	Open	13.5	117
6/8/2025	14:15:00	7.2	1.260	1.8	318,244	Open	13.5	117
6/8/2025	14:30:00	7.2	2.449	0.1	318,279	Open	13.4	117
6/8/2025	14:45:00	7.2	2.392	0.6	318,315	Open	13.4	117
6/8/2025	15:00:00	7.2	2.381	0.6	318,351	Open	13.4	117
6/8/2025	15:15:00	7.2	1.843	0.6	318,384	Open	13.5	117
6/8/2025	15:30:00	7.2	2.449	1.3	318,419	Open	13.4	117
6/8/2025	15:45:00	7.2	0.625	2.6	318,447	Open	13.8	116
6/8/2025	16:00:00	7.2	0.273	0.3	318,470	Open	13.7	117
6/8/2025	16:15:00	7.2	2.460	1.7	318,501	Open	13.6	117
6/8/2025	16:30:00	7.1	2.540	2.1	318,517	Open	13.8	117
6/8/2025	16:45:00	7.1	2.051	1.7	318,542	Open	13.8	117
6/8/2025	17:00:00	7.1	2.483	1.4	318,574	Open	13.6	117
6/8/2025	17:15:00	7.1	2.123	0.8	318,598	Open	14	117
6/8/2025	17:30:00	7.1	2.403	1.5	318,635	Open	13.4	117
6/8/2025	17:45:00	7.1	2.441	0.6	318,655	Open	13.4	117
6/8/2025	18:00:00	7.1	2.419	0.9	318,692	Open	13.2	117
6/8/2025	18:15:00	7.1	2.305	3.4	318,728	Open	13.2	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 02, 2025 to June 08, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **June 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/8/2025	18:30:00	7.1	0.257	3.1	318,751	Open	13.3	117
6/8/2025	18:45:00	7.1	2.453	0.6	318,779	Open	13.1	117
6/8/2025	19:00:00	7.1	0.254	0.6	318,800	Open	13.6	117
6/8/2025	19:15:00	7.1	2.453	0.6	318,834	Open	13.1	117
6/8/2025	19:30:00	7.1	0.261	4.2	318,859	Open	13	117
6/8/2025	19:45:00	7.1	2.343	0.3	318,889	Open	12.9	115
6/8/2025	20:00:00	7.2	2.661	0.1	318,924	Open	12.9	114
6/8/2025	20:15:00	7.2	0.250	0.3	318,957	Open	13	117
6/8/2025	20:30:00	7.2	2.627	0.4	318,990	Open	12.8	117
6/8/2025	20:45:00	7.1	1.400	6.8	319,016	Open	12.8	115
6/8/2025	21:00:00	7.1	2.494	0	319,048	Open	12.7	115
6/8/2025	21:15:00	7.1	2.498	0	319,073	Open	12.9	115
6/8/2025	21:30:00	7.1	2.468	0	319,110	Open	12.6	115
6/8/2025	21:45:00	7.1	2.438	0	319,147	Open	12.6	115
6/8/2025	22:00:00	7.1	0.163	0	319,179	Open	12.7	115
6/8/2025	22:15:00	7.1	2.419	0	319,202	Open	12.5	114
6/8/2025	22:30:00	7.2	2.392	0	319,239	Open	12.5	115
6/8/2025	22:45:00	7.2	0.265	0.7	319,263	Open	12.5	115
6/8/2025	23:00:00	7.2	2.434	0	319,291	Open	12.5	115
6/8/2025	23:15:00	7.2	2.385	0	319,327	Open	12.4	115
6/8/2025	23:30:00	7.2	0.333	0	319,355	Open	12.4	115
6/8/2025	23:45:00	7.2	2.547	0	319,380	Open	12.4	115

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, June 02

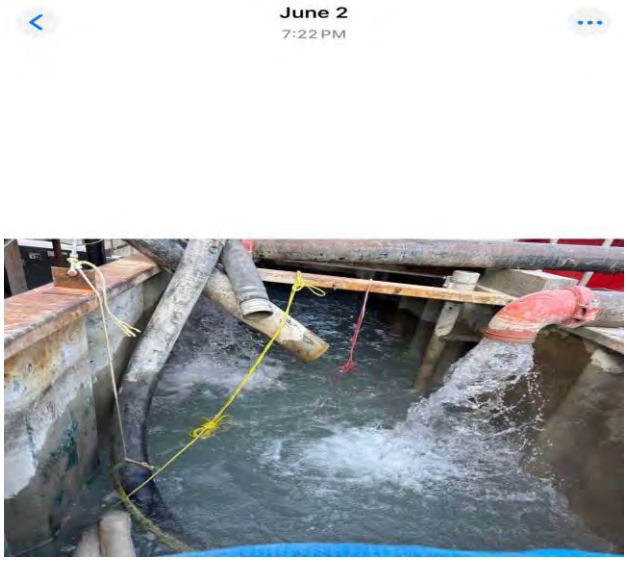



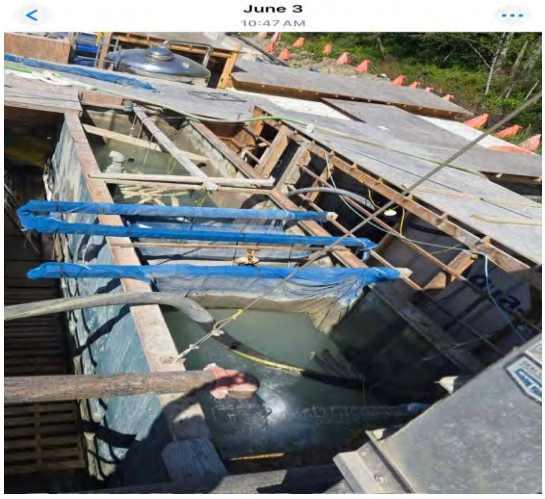
Photo 2: No visible sheen observed in the WTP water, June 03


Photo 3: No visible sheen observed in the WTP water, June 04

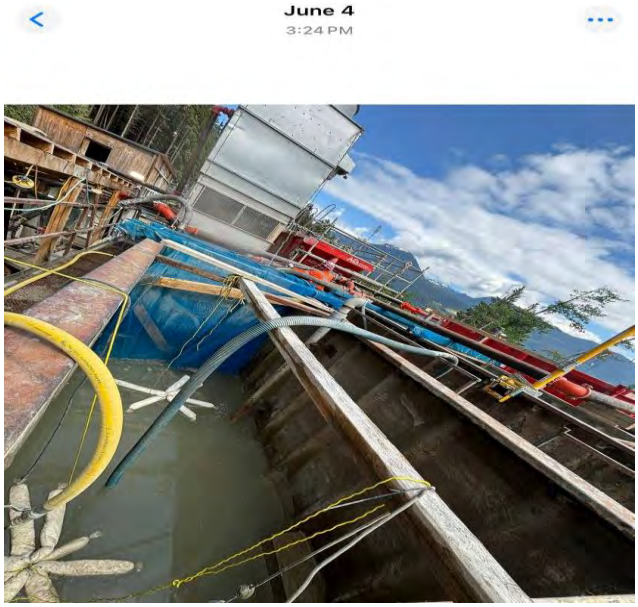



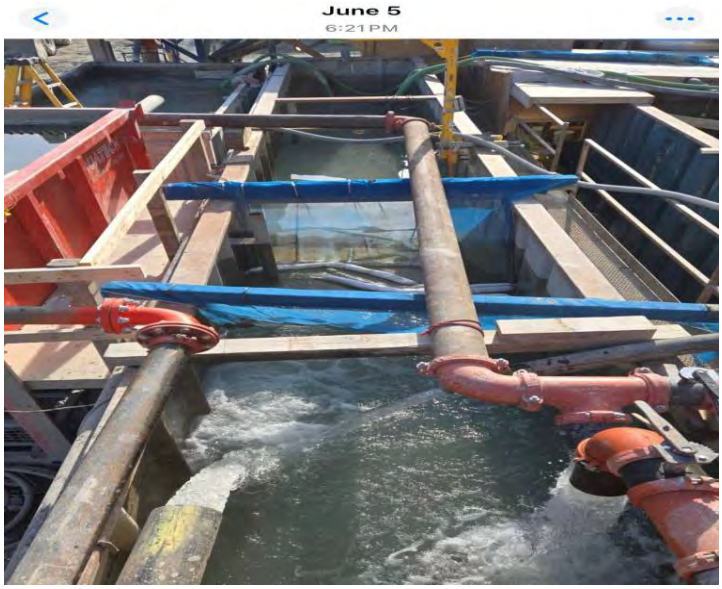
Photo 4: No visible sheen observed in the WTP water, June 05


Photo 5: No visible sheen observed in the WTP water, June 06

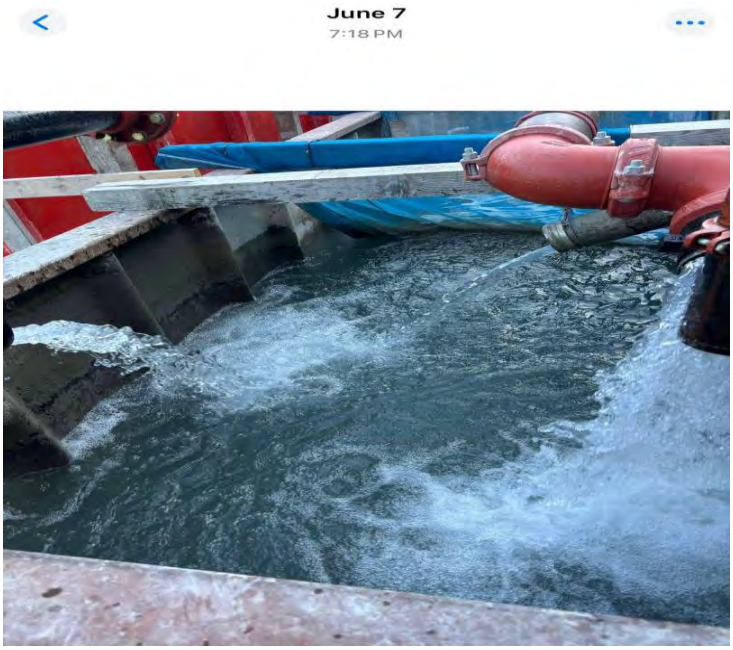
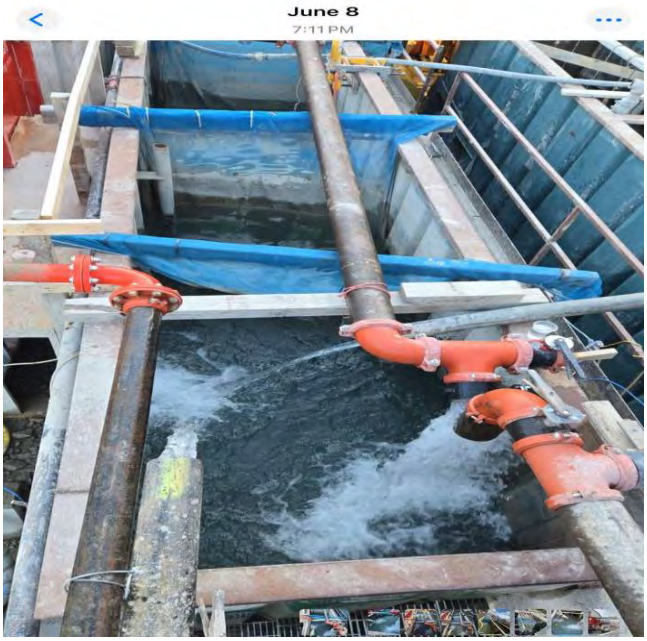
Photo 6: No visible sheen observed in the WTP water, June 07


Photo 7: No visible sheen observed in the WTP water, June 08


Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-06-03 08:42:00	WLNG DS 2025-06-03 09:30:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			**6.72**	**6.5**
Field Temperature	°C	18	19					11	11.6
General Parameters									
pH	pH Units							6.57	7.57
Alkalinity (Total as $CaCO_3$)	mg/L							6.2	38
Alkalinity (PP as $CaCO_3$)	mg/L							<1	<1
Hardness ($CaCO_3$)-Total	mg/L							6.41	41.6
Hardness ($CaCO_3$)-Dissolved	mg/L							6.22	39.6
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H2S)	mg/L			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	mg/L							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	mg/L							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.81	22.7		20	131		<0.015	<0.015
Bicarbonate (HCO_3)	mg/L							7.6	46
Carbonate (CO_3)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			<0.02	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02	<0.02
Nitrogen (N)-Total	mg/L							0.094	0.118
Phosphorus (P)-Total (4500-P)	mg/L							0.0075	0.0056
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	7.9
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.13
Sulphate (SO_4)-Dissolved	mg/L	128						1.3	5.7
Total Metals									
Aluminum (Al)-Total	mg/L	0.037087						**0.0821**	**0.167**
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	0.00049
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000046	0.000702
Barium (Ba)-Total	mg/L			1				0.00424	0.00834
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.000005	<0.000005
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.000008	0.000017
Calcium (Ca)-Total	mg/L							2.17	15.4
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-06-03 08:42:00	WLNG DS 2025-06-03 09:30:00
Total Metals (Cont'd.)									
Chromium (Cr)-Total	mg/L							<0.0001	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.000033	0.000085
Copper (Cu)-Total	mg/L				0.002	0.003		0.000609	0.00027
Iron (Fe)-Total	mg/L		1					0.0562	0.0864
Lead (Pb)-Total	mg/L				0.002	0.14		0.000031	0.000033
Lithium (Li)-Total	mg/L							<0.0005	0.00282
Magnesium (Mg)-Total	mg/L							0.241	0.771
Manganese (Mn)-Total	mg/L	0.633	0.611				0.1	0.0021	0.0183
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000314	0.0132
Nickel (Ni)-Total	mg/L						0.0083	0.000193	0.000199
Phosphorus (P)-Total (ICPMS)	mg/L							0.0064	0.0057
Potassium (K)-Total	mg/L							0.163	1.86
Rubidium (Rb)-Total	mg/L							0.000395	0.00405
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.87	5.32
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.000005	<0.000005
Sodium (Na)-Total	mg/L							1.35	4.55
Strontium (Sr)-Total	mg/L							0.012	0.0341
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				<0.000002	0.000019
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.00134	0.00323
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000076	0.000458
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.00227	0.00324
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0473	0.0563
Antimony (Sb)-Dissolved	mg/L							0.000024	0.000464
Arsenic (As)-Dissolved	mg/L							0.000082	0.00066
Barium (Ba)-Dissolved	mg/L							0.00354	0.00693
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005	<0.000005
Boron (B)-Dissolved	mg/L							<0.01	0.012
Cadmium (Cd)-Dissolved	mg/L	0.000028	0.000038					<0.000005	0.000012
Calcium (Ca)-Dissolved	mg/L							2.11	14.6

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).
[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.
[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-06-03 08:42:00	WLNG DS 2025-06-03 09:30:00
Dissolved Metals (Cont'd.)									
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L							0.000024	0.000063
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					**0.000518**	0.000115
Iron (Fe)-Dissolved	mg/L		0.35					0.0234	0.0042
Lead (Pb)-Dissolved	mg/L	0.0016						0.000007	<0.000005
Lithium (Li)-Dissolved	mg/L							<0.0005	0.00276
Manganese (Mn)-Dissolved	mg/L							0.00122	0.0148
Magnesium (Mg)-Dissolved	mg/L							0.23	0.763
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000327	0.013
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0113					0.000211	0.000194
Phosphorus (P)-Dissolved	mg/L							0.0081	0.0044
Potassium (K)-Dissolved	mg/L							0.16	1.79
Rubidium (Rb)-Dissolved	mg/L							0.000306	0.00355
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.75	5.21
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.41	4.6
Strontium (Sr)-Dissolved	mg/L			1.25				0.0109	0.0319
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.000016
Thorium (Th)-Dissolved	mg/L							0.000009	<0.000005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00054	<0.0005
Uranium (U)-Dissolved	mg/L							0.00006	0.000381
Vanadium (V)-Dissolved	mg/L							<0.0002	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.005453	0.008787					0.00193	0.00114
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							1.9	1.2
Organic Carbon (C)-Dissolved	mg/L							1.9	1.2
Solids-Total Dissolved	mg/L							20	76
Solids-Total Suspended	mg/L	6	26					<1	4

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

[3] Bold text denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Woodfibre Site Receiving Environment Field Notes and Logs

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-02 00:00:00	11.170	82.476	0.039	8.357	10.261	21.310
EAS-DS	2025-06-02 01:00:00	11.053	103.894	0.035	8.520	10.346	6.920
EAS-DS	2025-06-02 02:00:00	11.032	103.395	0.037	8.506	10.330	5.568
EAS-DS	2025-06-02 03:00:00	11.045	81.067	0.037	8.388	10.300	8.885
EAS-DS	2025-06-02 04:00:00	11.007	68.046	0.035	8.340	10.310	14.450
EAS-DS	2025-06-02 05:00:00	11.158	107.445	0.030	8.513	10.281	8.033
EAS-DS	2025-06-02 06:00:00	11.026	96.741	0.034	8.478	10.333	12.300
EAS-DS	2025-06-02 07:00:00	11.053	100.525	0.030	8.537	10.314	5.461
EAS-DS	2025-06-02 08:00:00	11.070	103.638	0.001	8.503	10.351	18.112
EAS-DS	2025-06-02 09:00:00	11.341	94.204	-0.002	8.549	10.262	10.040
EAS-DS	2025-06-02 10:00:00	11.401	103.750	0.000	8.554	10.273	1.182
EAS-DS	2025-06-02 11:00:00	11.587	103.419	0.000	8.577	10.248	6.042
EAS-DS	2025-06-02 12:00:00	12.061	104.056	0.003	8.600	10.121	16.830
EAS-DS	2025-06-02 13:00:00	12.497	111.833	0.007	8.542	10.025	7.210
EAS-DS	2025-06-02 14:00:00	12.517	115.590	0.001	8.470	10.000	3.720
EAS-DS	2025-06-02 15:00:00	12.597	124.289	-0.002	8.493	9.971	2.537
EAS-DS	2025-06-02 16:00:00	12.494	119.642	0.000	8.498	10.014	4.434
EAS-DS	2025-06-02 17:00:00	12.226	119.318	0.000	8.456	10.031	2.040
EAS-DS	2025-06-02 18:00:00	12.204	131.982	-0.004	8.341	10.047	8.948
EAS-DS	2025-06-02 19:00:00	11.927	123.632	-0.002	8.427	10.104	4.998
EAS-DS	2025-06-02 20:00:00	11.566	112.062	-0.002	8.472	10.203	3.687
EAS-DS	2025-06-02 21:00:00	11.513	109.546	0.006	8.477		5.001
EAS-DS	2025-06-02 22:00:00	11.367	110.849	0.005	8.489	10.270	2.731
EAS-DS	2025-06-02 23:00:00	11.457	116.621	-0.001	8.485	10.234	4.055
EAS-DS	2025-06-03 00:00:00	11.548	113.767	-0.005	8.462	10.195	3.093
EAS-DS	2025-06-03 01:00:00	11.506	100.687	-0.008	8.491	10.145	0.500
EAS-DS	2025-06-03 02:00:00	11.247	81.936	-0.007	8.463	10.219	0.750
EAS-DS	2025-06-03 03:00:00	11.210	118.707	-0.005	8.471	10.293	2.414
EAS-DS	2025-06-03 04:00:00	11.113	118.794	-0.005	8.472	10.312	0.152
EAS-DS	2025-06-03 05:00:00	11.074	118.643	-0.005	8.476	10.326	2.054
EAS-DS	2025-06-03 06:00:00	10.921	81.189	-0.008	8.476	10.293	1.037
EAS-DS	2025-06-03 07:00:00	10.854	49.876	-0.008	8.403	10.305	5.527
EAS-DS	2025-06-03 08:00:00	10.835	111.646	-0.004	8.482	10.385	7.011
EAS-DS	2025-06-03 09:00:00	11.142	102.877	-0.006	8.510	10.281	9.723
EAS-DS	2025-06-03 10:00:00	11.447	112.041	-0.002	8.498	10.243	2.403
EAS-DS	2025-06-03 11:00:00	11.816	111.015	-0.007	8.540	10.156	5.737
EAS-DS	2025-06-03 12:00:00	12.423	87.788	-0.008	8.547	9.986	1.259
EAS-DS	2025-06-03 13:00:00	13.720	30.597	-0.005	8.265	9.674	0.000
EAS-DS	2025-06-03 14:00:00	13.054	111.809	-0.007	8.516	9.836	2.924
EAS-DS	2025-06-03 15:00:00	12.799	118.366	-0.008	8.519	9.900	8.673
EAS-DS	2025-06-03 16:00:00	13.675	63.688	-0.006	8.401	9.642	0.000
EAS-DS	2025-06-03 17:00:00	12.572	119.074	-0.007	8.511	9.940	0.536
EAS-DS	2025-06-03 18:00:00	12.288	119.605	-0.006	8.489	10.007	1.266
EAS-DS	2025-06-03 19:00:00	12.133	120.192	-0.007	8.476	10.045	3.663
EAS-DS	2025-06-03 20:00:00	11.645	119.034	-0.006	8.446	10.140	3.959

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-03 21:00:00	11.571	120.305	-0.006	8.445	10.164	8.073
EAS-DS	2025-06-03 22:00:00	11.539	120.271	-0.006	8.448	10.154	4.247
EAS-DS	2025-06-03 23:00:00	11.560	110.994	-0.010	8.471	10.146	1.885
EAS-DS	2025-06-04 00:00:00	11.499	120.697	-0.007	8.443	10.182	2.332
EAS-DS	2025-06-04 01:00:00	11.477	122.221	-0.008	8.432	10.189	2.940
EAS-DS	2025-06-04 02:00:00	11.551	73.325	-0.011	8.430	10.045	0.888
EAS-DS	2025-06-04 03:00:00	11.375	118.014	-0.009	8.446	10.185	3.488
EAS-DS	2025-06-04 04:00:00	11.281	117.994	-0.009	8.451	10.236	1.528
EAS-DS	2025-06-04 05:00:00	11.191	116.483	-0.008	8.454	10.250	3.283
EAS-DS	2025-06-04 06:00:00	11.063	105.750	-0.005	8.442	10.271	1.507
EAS-DS	2025-06-04 07:00:00	10.997	114.330	-0.006	8.442	10.315	4.964
EAS-DS	2025-06-04 08:00:00	10.993	113.020	-0.005	8.447	10.312	4.553
EAS-DS	2025-06-04 09:00:00	11.250	98.543	-0.001	8.448	10.217	2.538
EAS-DS	2025-06-04 10:00:00	11.422	113.239	0.000	8.462	10.211	1.306
EAS-DS	2025-06-04 11:00:00	11.760	113.538	0.000	8.499	10.138	1.627
EAS-DS	2025-06-04 12:00:00	12.233	115.248	0.003	8.499	10.029	1.416
EAS-DS	2025-06-04 13:00:00	12.388	103.585	0.001	8.506	9.976	4.549
EAS-DS	2025-06-04 14:00:00	11.993	117.908	-0.002	8.491	10.067	1.805
EAS-DS	2025-06-04 15:00:00	12.092	118.575	-0.002	8.493	10.051	3.740
EAS-DS	2025-06-04 16:00:00	12.944	54.018	-0.003	8.489	9.760	0.000
EAS-DS	2025-06-04 17:00:00	12.209	117.317	-0.005	8.496	10.013	4.224
EAS-DS	2025-06-04 18:00:00	12.330	106.201	-0.005	8.460	9.924	3.720
EAS-DS	2025-06-04 19:00:00	12.016	117.773	-0.006	8.475	10.035	3.925
EAS-DS	2025-06-04 20:00:00	11.912	119.505	-0.006	8.476	10.050	2.106
EAS-DS	2025-06-04 21:00:00	11.899	120.886	-0.007	8.474	10.061	0.556
EAS-DS	2025-06-04 22:00:00	11.917	121.714	-0.008	8.471	10.059	3.647
EAS-DS	2025-06-04 23:00:00	11.936	100.879	-0.009	8.391	9.998	2.407
EAS-DS	2025-06-05 00:00:00	11.858	119.648	-0.010	8.462	10.059	4.100
EAS-DS	2025-06-05 01:00:00	11.728	115.767	-0.009	8.493	10.080	0.666
EAS-DS	2025-06-05 02:00:00	11.763	128.561	-0.010	8.498	10.107	2.621
EAS-DS	2025-06-05 03:00:00	11.777	122.648	-0.009	8.469	10.094	1.254
EAS-DS	2025-06-05 04:00:00	11.678	122.808	-0.008	8.469	10.109	8.019
EAS-DS	2025-06-05 05:00:00	11.618	123.516	-0.009	8.479	10.142	2.190
EAS-DS	2025-06-05 06:00:00	11.425	120.987	-0.009	8.470	10.191	3.231
EAS-DS	2025-06-05 07:00:00	11.250	117.885	-0.006	8.449	10.249	4.287
EAS-DS	2025-06-05 08:00:00	11.230	110.671	-0.005	8.446	10.239	1.617
EAS-DS	2025-06-05 09:00:00	11.435	114.861	-0.001	8.454	10.208	2.831
EAS-DS	2025-06-05 10:00:00	11.769	116.875	0.001	8.460	10.140	2.580
EAS-DS	2025-06-05 11:00:00	12.073	111.974	-0.001	8.503	10.046	3.179
EAS-DS	2025-06-05 12:00:00	12.459	118.281	-0.005	8.523	9.967	2.295
EAS-DS	2025-06-05 13:00:00	12.784	114.501	-0.006	8.525	9.891	18.938
EAS-DS	2025-06-05 14:00:00	12.850	118.679	-0.006	8.508	9.872	1.891
EAS-DS	2025-06-05 15:00:00	12.971	120.008	-0.006	8.506	9.832	0.837
EAS-DS	2025-06-05 16:00:00	12.991	122.205	-0.006	8.527	9.819	3.327
EAS-DS	2025-06-05 17:00:00	12.642	121.888	-0.002	8.507	9.896	5.379

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-05 18:00:00	12.583	112.239	-0.003	8.519	9.902	11.395
EAS-DS	2025-06-05 19:00:00	12.093	117.648	0.001	8.480	10.017	2.750
EAS-DS	2025-06-05 20:00:00	11.950	108.271	0.004	8.502	10.019	6.774
EAS-DS	2025-06-05 21:00:00	11.725	112.966	0.004	8.489	10.089	2.330
EAS-DS	2025-06-05 22:00:00	11.715	108.848	0.004	8.514	10.075	3.526
EAS-DS	2025-06-05 23:00:00	11.561	108.882	0.004	8.536	10.106	1.290
EAS-DS	2025-06-06 00:00:00	11.463	105.711	0.005	8.536	10.165	2.082
EAS-DS	2025-06-06 01:00:00	11.504	109.900	-0.001	8.533	10.118	1.998
EAS-DS	2025-06-06 02:00:00	11.475	118.541	-0.009	8.590	10.149	5.132
EAS-DS	2025-06-06 03:00:00	11.613	102.638	-0.011	8.558	10.074	0.026
EAS-DS	2025-06-06 04:00:00	11.199	112.382	-0.006	8.545	10.217	1.572
EAS-DS	2025-06-06 05:00:00	11.235	113.336	-0.010	8.546	10.194	2.096
EAS-DS	2025-06-06 06:00:00	11.104	109.378	-0.007	8.533	10.247	2.711
EAS-DS	2025-06-06 07:00:00	11.538	72.643	-0.003	8.440	10.099	0.664
EAS-DS	2025-06-06 08:00:00	11.169	109.625	-0.006	8.528	10.237	5.268
EAS-DS	2025-06-06 09:00:00	11.233	108.572	-0.004	8.520	10.218	1.380
EAS-DS	2025-06-06 10:00:00	11.499	108.946	-0.006	8.554	10.173	1.722
EAS-DS	2025-06-06 11:00:00	12.304	95.344	-0.001	8.530	9.892	9.966
EAS-DS	2025-06-06 12:00:00	12.165	109.522	-0.006	8.587	10.041	5.197
EAS-DS	2025-06-06 13:00:00	12.629	107.289	-0.008	8.599	9.886	4.499
EAS-DS	2025-06-06 14:00:00	12.447	109.552	-0.007	8.586	9.951	2.904
EAS-DS	2025-06-06 15:00:00	12.577	109.923	-0.009	8.597	9.929	6.508
EAS-DS	2025-06-06 16:00:00	12.486	110.848	-0.008	8.589	9.946	4.760
EAS-DS	2025-06-06 17:00:00	12.323	111.352	-0.010	8.590	9.973	3.286
EAS-DS	2025-06-06 18:00:00	12.123	111.837	-0.010	8.588	10.024	5.684
EAS-DS	2025-06-06 19:00:00	12.023	111.600	-0.009	8.566	10.031	6.339
EAS-DS	2025-06-06 20:00:00	11.696	111.331	-0.008	8.555	10.103	7.832
EAS-DS	2025-06-06 21:00:00	11.577	112.477	-0.004	8.553	10.142	1.910
EAS-DS	2025-06-06 22:00:00	11.656	117.317	-0.008	8.531	10.119	8.947
EAS-DS	2025-06-06 23:00:00	11.824	91.596	-0.007	8.541	10.011	0.789
EAS-DS	2025-06-07 00:00:00	11.321	108.835	0.000	8.519	10.177	5.574
EAS-DS	2025-06-07 01:00:00	11.355	121.941	-0.009	8.477	10.207	6.121
EAS-DS	2025-06-07 02:00:00	11.410	125.239	-0.008	8.485	10.197	4.842
EAS-DS	2025-06-07 03:00:00	11.459	108.984	-0.007	8.468	10.154	11.401
EAS-DS	2025-06-07 04:00:00	11.337	120.405	-0.007	8.484	10.223	4.091
EAS-DS	2025-06-07 05:00:00	11.071	116.745	-0.003	8.469	10.291	4.696
EAS-DS	2025-06-07 06:00:00	10.968	114.392	0.003	8.480	10.312	3.229
EAS-DS	2025-06-07 07:00:00	11.033	109.373	0.005	8.500	10.269	6.734
EAS-DS	2025-06-07 08:00:00	11.044	109.270	0.006	8.519	10.281	2.120
EAS-DS	2025-06-07 09:00:00	11.348	104.581	-0.002	8.523	10.217	7.750
EAS-DS	2025-06-07 10:00:00	11.717	108.308	0.000	8.532	10.102	2.472
EAS-DS	2025-06-07 11:00:00	11.831	111.581	-0.005	8.543	10.126	9.898
EAS-DS	2025-06-07 12:00:00	12.254	110.528	-0.006	8.554	10.022	2.321
EAS-DS	2025-06-07 13:00:00	12.853	103.077	-0.007	8.593	9.879	5.145
EAS-DS	2025-06-07 14:00:00	12.678	112.161	-0.006	8.570	9.932	2.883

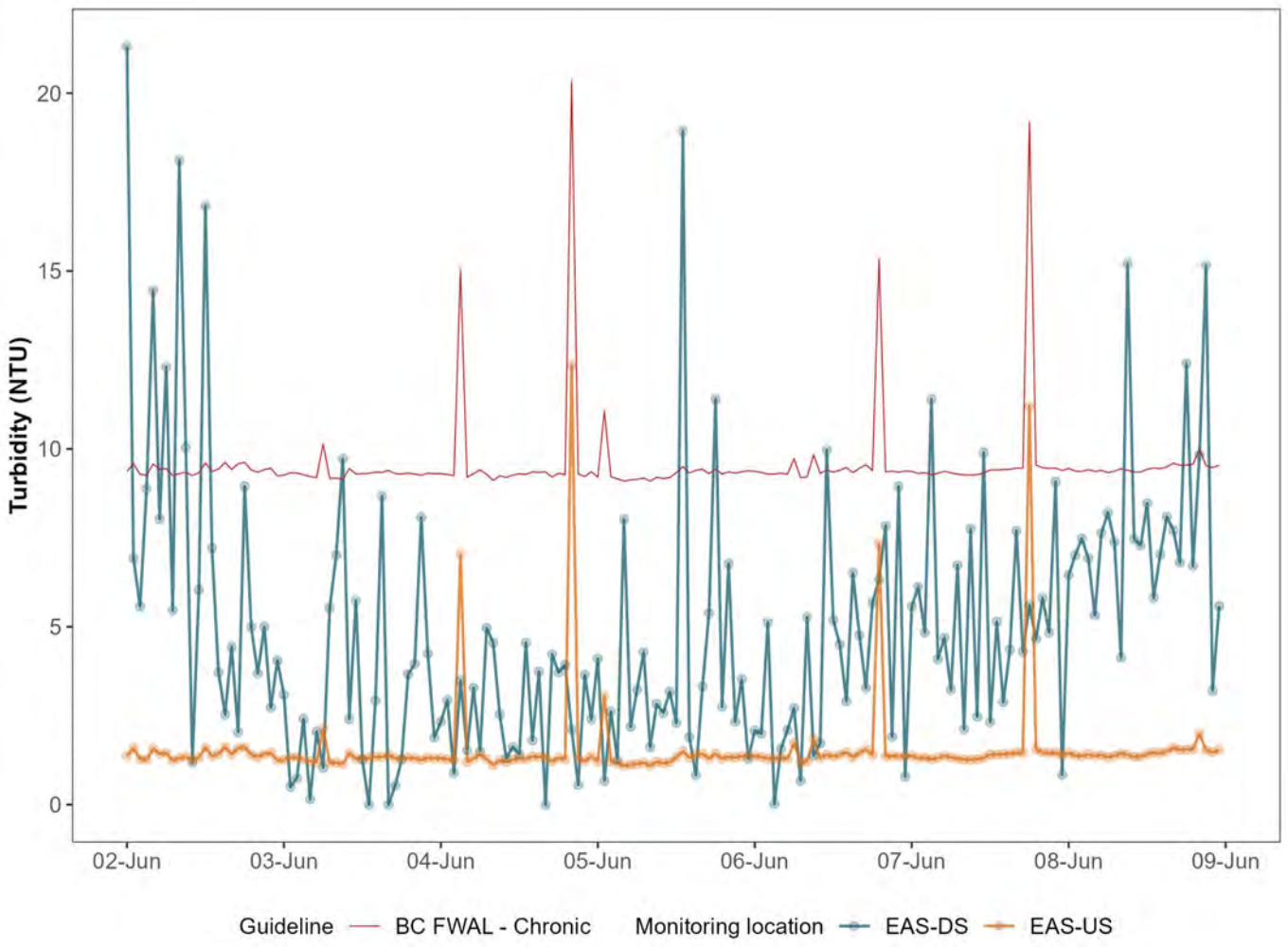
East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-07 15:00:00	12.701	113.175	-0.005	8.579	9.916	4.356
EAS-DS	2025-06-07 16:00:00	12.685	115.192	-0.010	8.578	9.917	7.696
EAS-DS	2025-06-07 17:00:00	12.746	105.929	-0.007	8.579	9.900	4.305
EAS-DS	2025-06-07 18:00:00	12.571	109.522	-0.002	8.568	9.926	5.605
EAS-DS	2025-06-07 19:00:00	12.078	108.935	0.001	8.551	10.016	4.657
EAS-DS	2025-06-07 20:00:00	11.923	113.324	0.000	8.544	10.091	5.807
EAS-DS	2025-06-07 21:00:00	12.446	97.677	-0.001	8.562	9.929	4.840
EAS-DS	2025-06-07 22:00:00	11.774	119.251	0.001	8.508	10.114	9.079
EAS-DS	2025-06-07 23:00:00	12.564	72.275	0.001	8.486	9.800	0.840
EAS-DS	2025-06-08 00:00:00	11.490	117.380	0.006	8.464	10.191	6.452
EAS-DS	2025-06-08 01:00:00	11.397	119.627	0.008	8.495	10.214	7.013
EAS-DS	2025-06-08 02:00:00	11.675	112.460	0.003	8.493	10.074	7.479
EAS-DS	2025-06-08 03:00:00	11.373	119.380	0.003	8.482	10.222	6.932
EAS-DS	2025-06-08 04:00:00	11.298	118.392	0.006	8.476	10.239	5.325
EAS-DS	2025-06-08 05:00:00	11.191	119.292	0.009	8.458	10.261	7.629
EAS-DS	2025-06-08 06:00:00	11.553	95.208	0.009	8.467	10.106	8.207
EAS-DS	2025-06-08 07:00:00	11.100	113.640	0.011	8.451	10.293	7.383
EAS-DS	2025-06-08 08:00:00	11.251	108.293	0.012	8.505	10.224	4.133
EAS-DS	2025-06-08 09:00:00	11.449	111.077	0.012	8.505	10.172	15.208
EAS-DS	2025-06-08 10:00:00	11.711	112.873	0.014	8.502	10.135	7.469
EAS-DS	2025-06-08 11:00:00	11.961	112.730	0.004	8.539	10.091	7.288
EAS-DS	2025-06-08 12:00:00	12.344	113.698	-0.001	8.550	9.990	8.470
EAS-DS	2025-06-08 13:00:00	12.946	107.323	0.001	8.585	9.863	5.816
EAS-DS	2025-06-08 14:00:00	12.795	116.376	-0.005	8.582	9.883	7.038
EAS-DS	2025-06-08 15:00:00	12.775	115.749	-0.004	8.579	9.888	8.092
EAS-DS	2025-06-08 16:00:00	12.914	117.486	-0.004	8.573	9.840	7.719
EAS-DS	2025-06-08 17:00:00	12.946	118.837	-0.003	8.545	9.832	6.805
EAS-DS	2025-06-08 18:00:00	12.454	117.698	0.000	8.528	9.939	12.404
EAS-DS	2025-06-08 19:00:00	12.565	105.073	0.000	8.551	9.860	6.708
EAS-DS	2025-06-08 20:00:00	12.099	114.400	-0.003	8.539	10.006	9.836
EAS-DS	2025-06-08 21:00:00	11.857	113.449	-0.002	8.536	10.054	15.159
EAS-DS	2025-06-08 22:00:00	11.697	111.335	0.000	8.532	10.109	3.209
EAS-DS	2025-06-08 23:00:00	11.668	110.271	0.002	8.539	10.087	5.582
EAS-US	2025-06-02 00:00:00	11.432	17.208	0.309	6.953	9.829	1.366
EAS-US	2025-06-02 01:00:00	11.295	17.259	0.306	6.951	9.854	1.587
EAS-US	2025-06-02 02:00:00	11.189	17.270	0.317	6.982	9.886	1.289
EAS-US	2025-06-02 03:00:00	11.112	18.894	0.331	7.031	9.904	1.258
EAS-US	2025-06-02 04:00:00	11.015	17.270	0.341	6.978	9.945	1.575
EAS-US	2025-06-02 05:00:00	10.933	17.233	0.341	6.969	9.947	1.433
EAS-US	2025-06-02 06:00:00	10.868	17.143	0.342	6.915	9.978	1.448
EAS-US	2025-06-02 07:00:00	10.832	17.103	0.351	6.794	10.009	1.244
EAS-US	2025-06-02 08:00:00	10.807	17.116	0.352	6.813	10.027	1.305
EAS-US	2025-06-02 09:00:00	10.937	17.004	0.331	7.070	10.067	1.345
EAS-US	2025-06-02 10:00:00	11.066	17.080	0.332	7.019	10.045	1.252
EAS-US	2025-06-02 11:00:00	11.468	17.024	0.330	7.034	10.031	1.329

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-02 12:00:00	11.865	16.832	0.325	7.027	10.008	1.605
EAS-US	2025-06-02 13:00:00	12.097	17.102	0.328	7.128	9.894	1.366
EAS-US	2025-06-02 14:00:00	12.322	17.038	0.327	7.055	9.773	1.432
EAS-US	2025-06-02 15:00:00	12.630	17.183	0.323	7.076	9.685	1.620
EAS-US	2025-06-02 16:00:00	12.762	17.268	0.320	7.109	9.640	1.425
EAS-US	2025-06-02 17:00:00	12.635	17.309	0.322	7.073	9.583	1.579
EAS-US	2025-06-02 18:00:00	12.539	17.728	0.325	6.948	9.582	1.622
EAS-US	2025-06-02 19:00:00	12.496	17.741	0.330	6.978	9.562	1.409
EAS-US	2025-06-02 20:00:00	12.379	17.757	0.337	6.984	9.608	1.346
EAS-US	2025-06-02 21:00:00	12.265	17.703	0.336	7.037	9.580	1.420
EAS-US	2025-06-02 22:00:00	12.124	19.506	0.333	7.065	9.603	1.457
EAS-US	2025-06-02 23:00:00	11.981	19.464	0.334	7.050	9.669	1.239
EAS-US	2025-06-03 00:00:00	11.844	17.721	0.348	6.838	9.714	1.263
EAS-US	2025-06-03 01:00:00	11.708	19.389	0.333	7.067	9.717	1.327
EAS-US	2025-06-03 02:00:00	11.571	17.534	0.338	7.047	9.761	1.326
EAS-US	2025-06-03 03:00:00	11.424	17.455	0.335	7.045	9.819	1.271
EAS-US	2025-06-03 04:00:00	11.288	17.544	0.339	7.009	9.825	1.222
EAS-US	2025-06-03 05:00:00	11.153	19.301	0.354	6.812	9.860	1.196
EAS-US	2025-06-03 06:00:00	11.049	19.217	0.343	7.039	9.936	2.137
EAS-US	2025-06-03 07:00:00	10.983	17.374	0.342	7.016	9.957	1.175
EAS-US	2025-06-03 08:00:00	10.980	19.138	0.353	6.870	9.973	1.179
EAS-US	2025-06-03 09:00:00	11.115	17.316	0.346	7.001	9.991	1.146
EAS-US	2025-06-03 10:00:00	11.243	17.095	0.341	7.077	9.973	1.446
EAS-US	2025-06-03 11:00:00	11.672	17.211	0.342	7.062	9.983	1.297
EAS-US	2025-06-03 12:00:00	12.106	17.169	0.350	6.880	9.922	1.303
EAS-US	2025-06-03 13:00:00	12.332	17.740	0.333	7.213	9.809	1.313
EAS-US	2025-06-03 14:00:00	12.594	17.533	0.334	7.171	9.698	1.347
EAS-US	2025-06-03 15:00:00	12.871	19.194	0.337	7.137	9.586	1.339
EAS-US	2025-06-03 16:00:00	13.089	17.423	0.335	7.207	9.495	1.395
EAS-US	2025-06-03 17:00:00	13.059	17.516	0.339	7.041	9.462	1.306
EAS-US	2025-06-03 18:00:00	13.044	17.506	0.339	7.098	9.467	1.294
EAS-US	2025-06-03 19:00:00	12.934	17.780	0.339	7.097	9.423	1.321
EAS-US	2025-06-03 20:00:00	12.748	17.955	0.348	7.054	9.449	1.294
EAS-US	2025-06-03 21:00:00	12.595	18.248	0.345	7.081	9.474	1.259
EAS-US	2025-06-03 22:00:00	12.461	18.119	0.344	7.072	9.523	1.319
EAS-US	2025-06-03 23:00:00	12.323	18.005	0.350	7.066	9.541	1.302
EAS-US	2025-06-04 00:00:00	12.175	19.777	0.362	6.802	9.567	1.305
EAS-US	2025-06-04 01:00:00	12.017	17.935	0.343	7.078	9.616	1.281
EAS-US	2025-06-04 02:00:00	11.867	17.852	0.350	7.073	9.661	1.245
EAS-US	2025-06-04 03:00:00	11.719	19.506	0.349	7.069	9.695	7.037
EAS-US	2025-06-04 04:00:00	11.583	17.783	0.367	6.760	9.718	1.202
EAS-US	2025-06-04 05:00:00	11.458	17.775	0.352	7.088	9.764	1.305
EAS-US	2025-06-04 06:00:00	11.333	19.510	0.358	7.050	9.776	1.410
EAS-US	2025-06-04 07:00:00	11.285	17.588	0.355	7.086	9.825	1.283
EAS-US	2025-06-04 08:00:00	11.292	19.399	0.355	7.073	9.884	1.113

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-04 09:00:00	11.458	17.584	0.349	7.122	9.911	1.244
EAS-US	2025-06-04 10:00:00	11.575	17.709	0.348	7.161	9.885	1.196
EAS-US	2025-06-04 11:00:00	11.923	17.575	0.345	7.190	9.893	1.264
EAS-US	2025-06-04 12:00:00	12.467	17.570	0.358	6.918	9.854	1.298
EAS-US	2025-06-04 13:00:00	12.510	17.793	0.347	7.164	9.713	1.283
EAS-US	2025-06-04 14:00:00	12.491	17.833	0.350	7.160	9.657	1.353
EAS-US	2025-06-04 15:00:00	12.529	17.909	0.349	7.185	9.699	1.342
EAS-US	2025-06-04 16:00:00	12.722	17.762	0.365	6.898	9.597	1.354
EAS-US	2025-06-04 17:00:00	12.714	17.908	0.365	6.854	9.555	1.210
EAS-US	2025-06-04 18:00:00	12.737	17.907	0.345	7.200	9.494	1.319
EAS-US	2025-06-04 19:00:00	12.701	19.929	0.350	7.084	9.463	1.276
EAS-US	2025-06-04 20:00:00	12.581	19.937	0.365	6.806	9.485	12.352
EAS-US	2025-06-04 21:00:00	12.474	18.351	0.349	7.085	9.480	1.295
EAS-US	2025-06-04 22:00:00	12.373	20.100	0.365	6.815	9.510	1.225
EAS-US	2025-06-04 23:00:00	12.268	18.840	0.348	7.094	9.534	1.358
EAS-US	2025-06-05 00:00:00	12.166	18.121	0.365	6.825	9.563	1.209
EAS-US	2025-06-05 01:00:00	12.065	18.580	0.351	7.117	9.595	3.062
EAS-US	2025-06-05 02:00:00	11.964	19.902	0.355	7.069	9.608	1.218
EAS-US	2025-06-05 03:00:00	11.857	18.096	0.352	7.098	9.641	1.158
EAS-US	2025-06-05 04:00:00	11.753	19.809	0.352	7.105	9.686	1.098
EAS-US	2025-06-05 05:00:00	11.642	19.743	0.354	7.060	9.703	1.126
EAS-US	2025-06-05 06:00:00	11.542	17.728	0.349	7.108	9.729	1.143
EAS-US	2025-06-05 07:00:00	11.505	17.800	0.348	7.126	9.761	1.181
EAS-US	2025-06-05 08:00:00	11.505	17.939	0.347	7.103	9.783	1.096
EAS-US	2025-06-05 09:00:00	11.662	17.801	0.347	7.074	9.807	1.202
EAS-US	2025-06-05 10:00:00	11.783	17.968	0.346	7.158	9.811	1.167
EAS-US	2025-06-05 11:00:00	12.219	17.844	0.339	7.184	9.810	1.194
EAS-US	2025-06-05 12:00:00	12.642	17.739	0.335	7.225	9.784	1.331
EAS-US	2025-06-05 13:00:00	12.889	17.713	0.338	7.202	9.633	1.503
EAS-US	2025-06-05 14:00:00	13.159	17.690	0.343	7.136	9.514	1.322
EAS-US	2025-06-05 15:00:00	13.458	18.703	0.347	7.082	9.431	1.403
EAS-US	2025-06-05 16:00:00	13.726	17.745	0.341	7.224	9.361	1.430
EAS-US	2025-06-05 17:00:00	13.705	18.144	0.345	7.133	9.300	1.307
EAS-US	2025-06-05 18:00:00	13.677	18.383	0.348	7.113	9.252	1.434
EAS-US	2025-06-05 19:00:00	13.603	18.367	0.347	7.117	9.257	1.292
EAS-US	2025-06-05 20:00:00	13.492	20.544	0.366	6.839	9.264	1.353
EAS-US	2025-06-05 21:00:00	13.384	20.659	0.366	6.858	9.250	1.323
EAS-US	2025-06-05 22:00:00	13.299	18.805	0.361	6.970	9.275	1.358
EAS-US	2025-06-05 23:00:00	13.216	20.705	0.351	7.144	9.293	1.385
EAS-US	2025-06-06 00:00:00	13.121	20.585	0.354	7.103	9.303	1.368
EAS-US	2025-06-06 01:00:00	13.015	18.483	0.354	7.113	9.355	1.341
EAS-US	2025-06-06 02:00:00	12.902	18.419	0.358	7.069	9.379	1.292
EAS-US	2025-06-06 03:00:00	12.791	18.478	0.358	7.060	9.397	1.291
EAS-US	2025-06-06 04:00:00	12.681	18.498	0.359	7.015	9.427	1.321
EAS-US	2025-06-06 05:00:00	12.586	20.259	0.353	7.141	9.438	1.289

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-06 06:00:00	12.506	18.690	0.361	7.094	9.486	1.725
EAS-US	2025-06-06 07:00:00	12.454	20.157	0.360	7.089	9.516	1.190
EAS-US	2025-06-06 08:00:00	12.466	18.226	0.355	7.075	9.547	1.215
EAS-US	2025-06-06 09:00:00	12.549	18.291	0.348	7.160	9.580	1.837
EAS-US	2025-06-06 10:00:00	12.649	18.317	0.348	7.139	9.562	1.312
EAS-US	2025-06-06 11:00:00	13.071	18.035	0.340	7.198	9.598	1.407
EAS-US	2025-06-06 12:00:00	13.344	19.799	0.333	7.288	9.615	1.348
EAS-US	2025-06-06 13:00:00	13.526	18.020	0.342	7.137	9.462	1.401
EAS-US	2025-06-06 14:00:00	13.747	18.005	0.345	7.125	9.395	1.480
EAS-US	2025-06-06 15:00:00	14.005	19.890	0.344	7.177	9.334	1.333
EAS-US	2025-06-06 16:00:00	14.202	18.233	0.349	7.050	9.231	1.456
EAS-US	2025-06-06 17:00:00	14.174	20.237	0.342	7.198	9.157	1.554
EAS-US	2025-06-06 18:00:00	14.118	18.514	0.352	7.043	9.126	1.393
EAS-US	2025-06-06 19:00:00	14.008	20.500	0.347	7.205	9.144	7.336
EAS-US	2025-06-06 20:00:00	13.846	20.753	0.348	7.104	9.152	1.355
EAS-US	2025-06-06 21:00:00	13.705	20.767	0.346	7.107	9.171	1.376
EAS-US	2025-06-06 22:00:00	13.582	20.751	0.345	7.109	9.214	1.344
EAS-US	2025-06-06 23:00:00	13.457	18.660	0.353	7.041	9.257	1.378
EAS-US	2025-06-07 00:00:00	13.336	22.758	0.355	7.024	9.273	1.369
EAS-US	2025-06-07 01:00:00	13.215	18.848	0.366	6.850	9.295	1.311
EAS-US	2025-06-07 02:00:00	13.103	18.678	0.362	6.945	9.331	1.329
EAS-US	2025-06-07 03:00:00	12.979	20.592	0.351	7.115	9.376	1.275
EAS-US	2025-06-07 04:00:00	12.858	18.663	0.352	7.114	9.410	1.316
EAS-US	2025-06-07 05:00:00	12.739	18.635	0.354	7.082	9.423	1.373
EAS-US	2025-06-07 06:00:00	12.628	20.400	0.352	7.106	9.501	1.327
EAS-US	2025-06-07 07:00:00	12.582	20.346	0.353	7.076	9.490	1.289
EAS-US	2025-06-07 08:00:00	12.586	18.476	0.353	7.062	9.506	1.271
EAS-US	2025-06-07 09:00:00	12.729	18.468	0.350	7.128	9.543	1.264
EAS-US	2025-06-07 10:00:00	12.819	20.388	0.347	7.169	9.546	1.276
EAS-US	2025-06-07 11:00:00	13.222	20.173	0.339	7.221	9.562	1.319
EAS-US	2025-06-07 12:00:00	13.661	18.277	0.335	7.234	9.569	1.412
EAS-US	2025-06-07 13:00:00	13.819	20.217	0.336	7.245	9.405	1.407
EAS-US	2025-06-07 14:00:00	14.053	20.298	0.340	7.193	9.269	1.422
EAS-US	2025-06-07 15:00:00	14.333	18.466	0.331	7.315	9.227	1.427
EAS-US	2025-06-07 16:00:00	14.608	18.562	0.341	7.206	9.144	1.462
EAS-US	2025-06-07 17:00:00	14.614	19.137	0.364	6.844	9.082	1.459
EAS-US	2025-06-07 18:00:00	14.618	20.768	0.347	7.146	9.031	11.194
EAS-US	2025-06-07 19:00:00	14.565	21.053	0.353	7.098	9.015	1.549
EAS-US	2025-06-07 20:00:00	14.474	19.408	0.352	7.110	9.042	1.470
EAS-US	2025-06-07 21:00:00	14.372	21.269	0.355	7.111	9.026	1.453
EAS-US	2025-06-07 22:00:00	14.268	19.276	0.352	7.105	9.064	1.462
EAS-US	2025-06-07 23:00:00	14.151	21.216	0.356	7.096	9.106	1.392
EAS-US	2025-06-08 00:00:00	14.029	19.339	0.353	7.096	9.128	1.453
EAS-US	2025-06-08 01:00:00	13.907	21.173	0.356	7.088	9.156	1.377
EAS-US	2025-06-08 02:00:00	13.796	19.227	0.354	7.109	9.189	1.366

East Creek							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
EAS-US	2025-06-08 03:00:00	13.698	19.095	0.356	7.102	9.208	1.418
EAS-US	2025-06-08 04:00:00	13.600	20.967	0.358	7.071	9.234	1.366
EAS-US	2025-06-08 05:00:00	13.491	18.882	0.354	7.115	9.271	1.396
EAS-US	2025-06-08 06:00:00	13.384	20.859	0.356	7.098	9.298	1.336
EAS-US	2025-06-08 07:00:00	13.310	20.817	0.356	7.101	9.323	1.375
EAS-US	2025-06-08 08:00:00	13.291	18.965	0.352	7.160	9.351	1.442
EAS-US	2025-06-08 09:00:00	13.426	20.662	0.352	7.162	9.370	1.402
EAS-US	2025-06-08 10:00:00	13.525	20.732	0.350	7.136	9.373	1.349
EAS-US	2025-06-08 11:00:00	14.021	18.607	0.342	7.181	9.382	1.349
EAS-US	2025-06-08 12:00:00	14.385	18.664	0.335	7.250	9.366	1.429
EAS-US	2025-06-08 13:00:00	14.543	18.969	0.354	6.959	9.253	1.466
EAS-US	2025-06-08 14:00:00	14.734	20.757	0.344	7.177	9.107	1.446
EAS-US	2025-06-08 15:00:00	14.971	20.779	0.343	7.175	9.064	1.492
EAS-US	2025-06-08 16:00:00	15.249	19.017	0.344	7.205	8.981	1.600
EAS-US	2025-06-08 17:00:00	15.296	21.120	0.355		8.888	1.541
EAS-US	2025-06-08 18:00:00	15.286	19.578	0.353	7.123	8.865	1.548
EAS-US	2025-06-08 19:00:00	15.229	19.514	0.352	7.109	8.854	1.568
EAS-US	2025-06-08 20:00:00	15.143	21.352	0.350	7.110	8.844	1.993
EAS-US	2025-06-08 21:00:00	14.966	21.815	0.354	7.105	8.883	1.529
EAS-US	2025-06-08 22:00:00	14.836	21.757	0.356	7.092	8.903	1.475
EAS-US	2025-06-08 23:00:00	14.699	19.835	0.353	7.184	8.942	1.538


Turbidity (NTU)
20
15
10
5
0
02-Jun
03-Jun
04-Jun
05-Jun
06-Jun
07-Jun
08-Jun
09-Jun
Guideline
BC FWAL - Chronic
Monitoring location
EAS-DS
EAS-US

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG (GAS) DS

Site Name: WLNG

Site UTM: Zone: E:

(NAD83) N:

Date: June 03, 2025

Time: 09:30 am

Crew: AF

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.50

Temp.: 11.6 (°C)

Turbidity: 0.69 NTU

DO: 3.02 (mg/L)

Cond: 150.2 (us) (SPC)

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

Downstream sampling was done before EOD

(last discharge was ~ 1 hour before)

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: DUP

Site Name: —

Site UTM: Zone: E:

(NAD83) N:

Date: June 03, 2025

Time: 10:20 am

Crew: AF

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.60

Temp.: 11.5 (°C)

Turbidity: 0.00 NTU

DO: 2.52 (mg/L)

Cond: 169.6 (us) (SPC)

Visible Sheen: Y (N)

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

DUP

Water Quality Field Data Sheet

Project: FORTIS11234

Hatfield

Location Information

Site ID: WLNG GOP

Site Name: WLNG

Site UTM: Zone: E:

(NAD83) N:

Date: June 03, 2025

Time: 10:19 am

Crew: AF

Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.60

DO: 2.60 (mg/L)

Temp.: 11.5 (°C)

Cond: ~~170.9~~ (us) (SPC)

Turbidity: 0.00 NTU

Visible Sheen: Y / (N) → NA

Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

≃ 0.5 h before sampling; a back flush (extended) resulted in an overflown tank (pictures available).


Jun 3, 2025 at 10:19:24 AM
Squamish BC
Canada
Woodfibre

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG (EAS) US
Site Name: WLNG
Site UTM: Zone: E:
(NAD83) N:
Date: June 03, 2025
Time: 03:42 am
Crew: AF
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.72
Temp.: 11.0 (°C)
Turbidity: 3.42 NTU
DO: 17.2 (mg/L)
Cond: 53.8 (us) (SPC)

Visible Sheen: Y / (N)
Water Surface Condition: (Clear) Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations


Jun 3, 2025 at 9:30:04 AM
Squamish BC
Canada
Woodfibre

Appendix E: Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105990

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
North Vancouver, BC
Canada V7P 0A3

Report Date: 2025/06/17
Report #: R3675429
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C550685
Received: 2025/06/03, 17:16

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	8	N/A	2025/06/05	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/06/06	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	5	N/A	2025/06/07		
Chromium III (Calc'd)	3	N/A	2025/06/09		
Total Hexavalent Chromium	8	N/A	2025/06/07	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/06/06	BBY6SOP-00053	SM 24 5310 B m
Fluoride	2	N/A	2025/06/04	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	1	N/A	2025/06/05	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	4	N/A	2025/06/06	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	1	N/A	2025/06/07	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/06/10	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	8	N/A	2025/06/10		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	8	N/A	2025/06/10	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	5	N/A	2025/06/07	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/06/09	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/06/06	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/06/09	2025/06/09	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	1	2025/06/05	2025/06/05	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/06/06	2025/06/06	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/06/06	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/06/09	2025/06/09	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/06/06	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	8	N/A	2025/06/05	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	5	N/A	2025/06/07	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/06/09	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	7	N/A	2025/06/07	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Low Level (total)	1	N/A	2025/06/09	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/06/09	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/06/05	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	4	N/A	2025/06/04	BBY6SOP-00010	SM 24 4500-NO3- H m

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105990

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
North Vancouver, BC
Canada V7P 0A3

Report Date: 2025/06/17
Report #: R3675429
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C550685
Received: 2025/06/03, 17:16

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrate + Nitrite (N)	4	N/A	2025/06/05	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	4	N/A	2025/06/04	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrite (N) Regular Level Water	4	N/A	2025/06/05	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	4	N/A	2025/06/05	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	4	N/A	2025/06/06	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	2	2025/06/09	2025/06/09	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/06/10	BBY WI-00033	Auto Calc
pH @25°C (6)	8	N/A	2025/06/05	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/06/09	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	1	N/A	2025/06/05	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	8	2025/06/09	2025/06/10	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/06/09	2025/06/10	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/06/10	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/06/06	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/06/05	2025/06/07	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	8	2025/06/06	2025/06/09	BBY6SOP-00034	SM 24 2540 D m
Field pH	8	N/A	2025/06/10	Field Test	Field Test
Field Temperature	8	N/A	2025/06/10	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/06/06	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/06/07	BBY WI-00033	Auto Calc

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 105990

Attention: Jennifer Choyce

HATFIELD CONSULTANTS
N. VANCOUVER
200-850 Harbourside Dr
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Report Date: 2025/06/17
Report #: R3675429
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C550685
Received: 2025/06/03, 17:16

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.
(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
(8) TOC present in the sample should be considered as non-purgeable TOC.
(9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Levi Manchak, Project Manager SR
Email: Levi.MANCHAK@bureauveritas.com
Phone# (780)862-5634

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH534			DMH534			DMH535		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B975264				ND	0.0050	B975264
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B974015				ND	0.00099	B974015
Dissolved Hardness (CaCO3)	mg/L	39.6	0.50	B973869				46.5	0.50	B973869
Total Hardness (CaCO3)	mg/L	41.6	0.50	B973866				48.1	0.50	B973866
Nitrate (N)	mg/L	ND	0.020	B973519				ND	0.020	B973519
Sulphide (as H2S)	mg/L	ND	0.0020	B973017				ND	0.0020	B973017
Field Parameters										
Field pH	pH	6.5	N/A	ONSITE				6.6	N/A	ONSITE
Field Temperature	°C	11.6	N/A	ONSITE				11.5	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.57	N/A	B974492				7.42	N/A	B974492
Total Organic Carbon (C)	mg/L	1.2	0.50	B977043	1.2	0.50	B977043	1.1	0.50	B977043
Total Dissolved Solids	mg/L	76	10	B979570				84	10	B979570
Total Suspended Solids	mg/L	4.0	1.0	B976540				1.6	1.0	B976540
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.2	0.50	B976006				1.0	0.50	B976006
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B974504				ND	1.0	B974504
Alkalinity (Total as CaCO3)	mg/L	38	1.0	B974504				46	1.0	B974504
Bicarbonate (HCO3)	mg/L	46	1.0	B974504				56	1.0	B974504
Carbonate (CO3)	mg/L	ND	1.0	B974504				ND	1.0	B974504
Dissolved Fluoride (F)	mg/L	0.13	0.050	B977328				0.13	0.050	B974549
Hydroxide (OH)	mg/L	ND	1.0	B974504				ND	1.0	B974504
Total Sulphide	mg/L	ND	0.0018	B980524	ND	0.0018	B980524	ND	0.0018	B980524
Chloride (Cl)	mg/L	7.9	1.0	B977348				8.4	1.0	B977348
Sulphate (SO4)	mg/L	5.7	1.0	B977348				6.3	1.0	B977348
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B977776	ND	0.00099	B977776	ND	0.00099	B977776

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH534			DMH534			DMH535		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B975414				ND	0.015	B975414
Total Phosphorus (P)	mg/L	0.0056	0.0010	B976001				0.0035	0.0010	B976001
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B975254				ND	0.020	B975254
Total Nitrogen (N)	mg/L	0.118	0.020	B976968				0.127	0.020	B976968
Misc. Organics										
Phenols	mg/L							ND	0.0015	B979843
Rainbow Trout										
LC50	% vol/vol							ATTACHED	N/A	B975849

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

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Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH536	DMH537		DMH538			DMH538		
Sampling Date		2025/06/03	2025/06/03		2025/06/03			2025/06/03		
COC Number		105990	105990		105990			105990		
	UNITS	WLNG-US	SQU-US	QC Batch	SQU-DS	RDL	QC Batch	SQU-DS Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	ND	B975264	ND	0.0050	B974463			
Calculated Parameters										
Total Chromium III	mg/L	ND	ND	B974015	ND	0.00099	B974015			
Dissolved Hardness (CaCO3)	mg/L	6.22	11.4	B973869	10.9	0.50	B973869			
Total Hardness (CaCO3)	mg/L	6.41	13.3	B973866	12.9	0.50	B973866			
Nitrate (N)	mg/L	ND	0.027	B973519	ND	0.020	B973519			
Sulphide (as H2S)	mg/L	ND	ND	B973017	ND	0.0020	B973017			
Field Parameters										
Field pH	pH	6.72	8.69	ONSITE	7.63	N/A	ONSITE			
Field Temperature	°C	11	11.1	ONSITE	10.7	N/A	ONSITE			
Misc. Inorganics										
pH	pH	6.57	6.66	B974492	7.06	N/A	B974509	6.57	N/A	B974509
Total Organic Carbon (C)	mg/L	1.9	1.2	B977043	1.2	0.50	B977043			
Total Dissolved Solids	mg/L	20	18	B979570	30	10	B979570			
Total Suspended Solids	mg/L	ND	23	B976540	38	1.0	B977303			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.9	1.2	B976006	1.2	0.50	B976006			
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	ND	B974504	ND	1.0	B974510	ND	1.0	B974510
Alkalinity (Total as CaCO3)	mg/L	6.2	10	B974504	10	1.0	B974510	9.6	1.0	B974510
Bicarbonate (HCO3)	mg/L	7.6	12	B974504	12	1.0	B974510	12	1.0	B974510
Carbonate (CO3)	mg/L	ND	ND	B974504	ND	1.0	B974510	ND	1.0	B974510
Dissolved Fluoride (F)	mg/L	ND	ND	B977071	ND	0.050	B977071			
Hydroxide (OH)	mg/L	ND	ND	B974504	ND	1.0	B974510	ND	1.0	B974510
Total Sulphide	mg/L	ND	ND	B980524	ND	0.0018	B980524			
Chloride (Cl)	mg/L	ND	ND	B977348	ND	1.0	B977348			
Sulphate (SO4)	mg/L	1.3	2.2	B977348	2.1	1.0	B977348			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	ND	B977776	ND	0.00099	B977776			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH536	DMH537		DMH538			DMH538		
Sampling Date		2025/06/03	2025/06/03		2025/06/03			2025/06/03		
COC Number		105990	105990		105990			105990		
	UNITS	WLNG-US	SQU-US	QC Batch	SQU-DS	RDL	QC Batch	SQU-DS Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	ND	B975414	ND	0.015	B975414			
Total Phosphorus (P)	mg/L	0.0075	0.038	B976001	0.038	0.0010	B976001			
Nitrate plus Nitrite (N)	mg/L	ND	0.027	B975254	ND	0.020	B974445			
Total Nitrogen (N)	mg/L	0.094	0.117	B976968	0.115	0.020	B976968			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH539			DMH539			DMH540		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B974463				ND	0.0050	B974463
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B974015				ND	0.00099	B974015
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	B973869				ND	0.50	B973869
Total Hardness (CaCO3)	mg/L	ND	0.50	B973866				ND	0.50	B973866
Nitrate (N)	mg/L	ND	0.020	B973519				ND	0.020	B973519
Sulphide (as H2S)	mg/L	ND	0.0020	B973017				ND	0.0020	B973017
Field Parameters										
Field pH	pH	7	N/A	ONSITE				7	N/A	ONSITE
Field Temperature	°C	15	N/A	ONSITE				15	N/A	ONSITE
Misc. Inorganics										
pH	pH	5.91	N/A	B974492	5.67	N/A	B974492	6.58	N/A	B974492
Total Organic Carbon (C)	mg/L	ND	0.50	B977043				ND	0.50	B977043
Total Dissolved Solids	mg/L	ND	10	B979570				ND	10	B979570
Total Suspended Solids	mg/L	ND	1.0	B977303				ND	1.0	B977303
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B976006				ND	0.50	B976006
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B974504	ND	1.0	B974504	ND	1.0	B974504
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	B974504	ND	1.0	B974504	ND	1.0	B974504
Bicarbonate (HCO3)	mg/L	ND	1.0	B974504	ND	1.0	B974504	ND	1.0	B974504
Carbonate (CO3)	mg/L	ND	1.0	B974504	ND	1.0	B974504	ND	1.0	B974504
Dissolved Fluoride (F)	mg/L	ND	0.050	B974508				ND	0.050	B977389
Hydroxide (OH)	mg/L	ND	1.0	B974504	ND	1.0	B974504	ND	1.0	B974504
Total Sulphide	mg/L	ND	0.0018	B980524				ND	0.0018	B980524
Chloride (Cl)	mg/L	ND	1.0	B977348				ND	1.0	B977351
Sulphate (SO4)	mg/L	ND	1.0	B977348				ND	1.0	B977351
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B977776				ND	0.00099	B977776

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH539			DMH539			DMH540		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B975414				ND	0.015	B975414
Total Phosphorus (P)	mg/L	ND	0.0010	B976001	ND	0.0010	B976001	ND	0.0010	B976001
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B974445				ND	0.020	B974445
Total Nitrogen (N)	mg/L	ND	0.020	B976968	ND	0.020	B976968	ND	0.020	B976968

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH540			DMH541		
Sampling Date		2025/06/03			2025/06/03		
COC Number		105990			105990		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L				ND	0.0050	B974463
Calculated Parameters							
Total Chromium III	mg/L				ND	0.00099	B974015
Dissolved Hardness (CaCO3)	mg/L				46.7	0.50	B973869
Total Hardness (CaCO3)	mg/L				47.6	0.50	B973866
Nitrate (N)	mg/L				ND	0.020	B973519
Sulphide (as H2S)	mg/L				ND	0.0020	B973017
Field Parameters							
Field pH	pH				6.6	N/A	ONSITE
Field Temperature	°C				11.5	N/A	ONSITE
Misc. Inorganics							
pH	pH				7.35	N/A	B974492
Total Organic Carbon (C)	mg/L				1.2	0.50	B977043
Total Dissolved Solids	mg/L				78	10	B979570
Total Suspended Solids	mg/L	ND	1.0	B977303	ND	1.0	B977303
Lab Filtered Inorganics							
Dissolved Organic Carbon (C)	mg/L				1.0	0.50	B976006
Anions							
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	B974504
Alkalinity (Total as CaCO3)	mg/L				46	1.0	B974504
Bicarbonate (HCO3)	mg/L				56	1.0	B974504
Carbonate (CO3)	mg/L				ND	1.0	B974504
Dissolved Fluoride (F)	mg/L				0.12	0.050	B974508
Hydroxide (OH)	mg/L				ND	1.0	B974504
Total Sulphide	mg/L				ND	0.0018	B980524
Chloride (Cl)	mg/L				8.5	1.0	B977348
Sulphate (SO4)	mg/L				6.2	1.0	B977348

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

N/A = Not Applicable

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMH540			DMH541		
Sampling Date		2025/06/03			2025/06/03		
COC Number		105990			105990		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Duplicate	RDL	QC Batch
Metals							
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	B977776
Nutrients							
Total Ammonia (N)	mg/L				0.016	0.015	B975414
Total Phosphorus (P)	mg/L				0.0032	0.0010	B976001
Nitrate plus Nitrite (N)	mg/L				ND	0.020	B974445
Total Nitrogen (N)	mg/L				0.117	0.020	B976968
Misc. Organics							
Phenols	mg/L				ND	0.0015	B979843

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DMH535	DMH541	DMH541		
Sampling Date		2025/06/03	2025/06/03	2025/06/03		
COC Number		105990	105990	105990		
	UNITS	WLNG-EOP	Duplicate	Duplicate Lab-Dup	RDL	QC Batch
Glycols						
Ethylene Glycol	mg/L	ND	ND	ND	3.0	B980894
Diethylene Glycol	mg/L	ND	ND	ND	5.0	B980894
Triethylene Glycol	mg/L	ND	ND	ND	5.0	B980894
Propylene Glycol	mg/L	ND	ND	ND	5.0	B980894
Surrogate Recovery (%)						
Methyl Sulfone (sur.)	%	89	98	98		B980894

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DMH534		DMH535	DMH536	DMH537	DMH538	DMH539		
Sampling Date		2025/06/03		2025/06/03	2025/06/03	2025/06/03	2025/06/03	2025/06/03		
COC Number		105990		105990	105990	105990	105990	105990		
	UNITS	WLNG-DS	QC Batch	WLNG-EOP	WLNG-US	SQU-US	SQU-DS	Field Blank	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	ND	B976031	ND	ND	0.0020	ND	ND	0.0019	B977102
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	ND (1)	B980106	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	B980106

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.

Bureau Veritas ID		DMH540	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	Trip Blank	Duplicate	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	ND	0.0019	B977102
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	0.0019	B980106

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH534			DMH534			DMH535		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B976484				ND	0.010	B976484
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	14.6	0.050	B973873				17.2	0.050	B973873
Dissolved Magnesium (Mg)	mg/L	0.763	0.050	B973873				0.888	0.050	B973873
Dissolved Potassium (K)	mg/L	1.79	0.050	B973873				1.93	0.050	B973873
Dissolved Sodium (Na)	mg/L	4.60	0.050	B973873				5.10	0.050	B973873
Dissolved Sulphur (S)	mg/L	ND	3.0	B973873				ND	3.0	B973873
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	56.3	0.50	B975071	56.9	0.50	B975071	39.0	0.50	B975071
Dissolved Antimony (Sb)	ug/L	0.464	0.020	B975071	0.477	0.020	B975071	0.440	0.020	B975071
Dissolved Arsenic (As)	ug/L	0.660	0.020	B975071	0.684	0.020	B975071	0.757	0.020	B975071
Dissolved Barium (Ba)	ug/L	6.93	0.020	B975071	6.90	0.020	B975071	4.96	0.020	B975071
Dissolved Beryllium (Be)	ug/L	ND	0.010	B975071	ND	0.010	B975071	ND	0.010	B975071
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B975071	ND	0.0050	B975071	ND	0.0050	B975071
Dissolved Boron (B)	ug/L	12	10	B975071	12	10	B975071	13	10	B975071
Dissolved Cadmium (Cd)	ug/L	0.0120	0.0050	B975071	0.0110	0.0050	B975071	0.0080	0.0050	B975071
Dissolved Cesium (Cs)	ug/L	ND	0.050	B975071	ND	0.050	B975071	ND	0.050	B975071
Dissolved Chromium (Cr)	ug/L	ND	0.10	B975071	ND	0.10	B975071	ND	0.10	B975071
Dissolved Cobalt (Co)	ug/L	0.0630	0.0050	B975071	0.0580	0.0050	B975071	0.0580	0.0050	B975071
Dissolved Copper (Cu)	ug/L	0.115	0.050	B975071	0.107	0.050	B975071	0.209	0.050	B975071
Dissolved Iron (Fe)	ug/L	4.2	1.0	B975071	4.3	1.0	B975071	ND	1.0	B975071
Dissolved Lead (Pb)	ug/L	ND	0.0050	B975071	ND	0.0050	B975071	ND	0.0050	B975071
Dissolved Lithium (Li)	ug/L	2.76	0.50	B975071	2.77	0.50	B975071	2.97	0.50	B975071
Dissolved Manganese (Mn)	ug/L	14.8	0.050	B975071	14.6	0.050	B975071	16.1	0.050	B975071
Dissolved Molybdenum (Mo)	ug/L	13.0	0.050	B975071	13.1	0.050	B975071	14.2	0.050	B975071
Dissolved Nickel (Ni)	ug/L	0.194	0.020	B975071	0.187	0.020	B975071	0.163	0.020	B975071
Dissolved Phosphorus (P)	ug/L	4.4	2.0	B975071	2.5	2.0	B975071	3.9	2.0	B975071
Dissolved Rubidium (Rb)	ug/L	3.55	0.050	B975071	3.73	0.050	B975071	4.08	0.050	B975071
Dissolved Selenium (Se)	ug/L	ND	0.040	B975071	ND	0.040	B975071	ND	0.040	B975071
Dissolved Silicon (Si)	ug/L	5210	50	B975071	5280	50	B975071	5590	50	B975071
Dissolved Silver (Ag)	ug/L	ND	0.0050	B975071	ND	0.0050	B975071	ND	0.0050	B975071

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH534			DMH534			DMH535		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	31.9	0.050	B975071	32.0	0.050	B975071	36.0	0.050	B975071
Dissolved Tellurium (Te)	ug/L	ND	0.020	B975071	ND	0.020	B975071	ND	0.020	B975071
Dissolved Thallium (Tl)	ug/L	0.0160	0.0020	B975071	0.0170	0.0020	B975071	0.0180	0.0020	B975071
Dissolved Thorium (Th)	ug/L	ND	0.0050	B975071	ND	0.0050	B975071	ND	0.0050	B975071
Dissolved Tin (Sn)	ug/L	ND	0.20	B975071	ND	0.20	B975071	ND	0.20	B975071
Dissolved Titanium (Ti)	ug/L	ND	0.50	B975071	ND	0.50	B975071	ND	0.50	B975071
Dissolved Uranium (U)	ug/L	0.381	0.0020	B975071	0.386	0.0020	B975071	0.379	0.0020	B975071
Dissolved Vanadium (V)	ug/L	ND	0.20	B975071	ND	0.20	B975071	ND	0.20	B975071
Dissolved Zinc (Zn)	ug/L	1.14	0.10	B975071	1.12	0.10	B975071	1.61	0.10	B975071
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B975071	ND	0.10	B975071	ND	0.10	B975071
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	167	0.50	B975223				125	0.50	B975223
Total Antimony (Sb)	ug/L	0.490	0.020	B975223				0.455	0.020	B975223
Total Arsenic (As)	ug/L	0.702	0.020	B975223				0.765	0.020	B975223
Total Barium (Ba)	ug/L	8.34	0.020	B975223				5.58	0.020	B975223
Total Beryllium (Be)	ug/L	ND	0.010	B975223				ND	0.010	B975223
Total Bismuth (Bi)	ug/L	ND	0.0050	B975223				ND	0.0050	B975223
Total Boron (B)	ug/L	10	10	B975223				12	10	B975223
Total Cadmium (Cd)	ug/L	0.0170	0.0050	B975223				0.0140	0.0050	B975223
Total Cesium (Cs)	ug/L	ND	0.050	B975223				ND	0.050	B975223
Total Chromium (Cr)	ug/L	ND	0.10	B975223				ND	0.10	B975223
Total Cobalt (Co)	ug/L	0.0850	0.0050	B975223				0.0700	0.0050	B975223
Total Copper (Cu)	ug/L	0.270	0.050	B975223				0.349	0.050	B975223
Total Iron (Fe)	ug/L	86.4	1.0	B975223				45.5	1.0	B975223
Total Lead (Pb)	ug/L	0.0330	0.0050	B975223				0.0390	0.0050	B975223
Total Lithium (Li)	ug/L	2.82	0.50	B975223				2.90	0.50	B975223
Total Manganese (Mn)	ug/L	18.3	0.050	B975223				17.2	0.050	B975223
Total Molybdenum (Mo)	ug/L	13.2	0.050	B975223				14.6	0.050	B975223
Total Nickel (Ni)	ug/L	0.199	0.020	B975223				0.171	0.020	B975223
Total Phosphorus (P)	ug/L	5.7	2.0	B975223				3.2	2.0	B975223
Total Rubidium (Rb)	ug/L	4.05	0.050	B975223				4.34	0.050	B975223
Total Selenium (Se)	ug/L	ND	0.040	B975223				ND	0.040	B975223

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH534			DMH534			DMH535		
Sampling Date		2025/06/03			2025/06/03			2025/06/03		
COC Number		105990			105990			105990		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Total Silicon (Si)	ug/L	5320	50	B975223				5910	50	B975223
Total Silver (Ag)	ug/L	ND	0.0050	B975223				ND	0.0050	B975223
Total Strontium (Sr)	ug/L	34.1	0.050	B975223				37.7	0.050	B975223
Total Tellurium (Te)	ug/L	ND	0.020	B975223				ND	0.020	B975223
Total Thallium (Tl)	ug/L	0.0190	0.0020	B975223				0.0200	0.0020	B975223
Total Thorium (Th)	ug/L	ND	0.050	B975223				ND	0.050	B975223
Total Tin (Sn)	ug/L	ND	0.20	B975223				ND	0.20	B975223
Total Titanium (Ti)	ug/L	3.23	0.50	B975223				1.73	0.50	B975223
Total Uranium (U)	ug/L	0.458	0.0020	B975223				0.474	0.0020	B975223
Total Vanadium (V)	ug/L	ND	0.20	B975223				ND	0.20	B975223
Total Zinc (Zn)	ug/L	3.24	0.10	B975223				2.06	0.10	B975223
Total Zirconium (Zr)	ug/L	ND	0.10	B975223				ND	0.10	B975223
Total Calcium (Ca)	mg/L	15.4	0.050	B973879				17.8	0.050	B973879
Total Magnesium (Mg)	mg/L	0.771	0.050	B973879				0.877	0.050	B973879
Total Potassium (K)	mg/L	1.86	0.050	B973879				1.94	0.050	B973879
Total Sodium (Na)	mg/L	4.55	0.050	B973879				4.90	0.050	B973879
Total Sulphur (S)	mg/L	ND	3.0	B973879				ND	3.0	B973879

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C550685
Report Date: 2025/06/17

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH536		DMH537	DMH538		DMH539	DMH540		
Sampling Date		2025/06/03		2025/06/03	2025/06/03		2025/06/03	2025/06/03		
COC Number		105990		105990	105990		105990	105990		
	UNITS	WLNG-US	QC Batch	SQU-US	SQU-DS	QC Batch	Field Blank	Trip Blank	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	B976484	ND	ND	B976484	ND	ND	0.010	B976484
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	2.11	B973873	3.89	3.74	B973873	ND	ND	0.050	B973873
Dissolved Magnesium (Mg)	mg/L	0.230	B973873	0.405	0.369	B973873	ND	ND	0.050	B973873
Dissolved Potassium (K)	mg/L	0.160	B973873	0.380	0.398	B973873	ND	ND	0.050	B973873
Dissolved Sodium (Na)	mg/L	1.41	B973873	1.15	1.07	B973873	ND	ND	0.050	B973873
Dissolved Sulphur (S)	mg/L	ND	B973873	ND	ND	B973873	ND	ND	3.0	B973873
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	47.3	B975071	34.0	33.6	B975071	0.57	ND	0.50	B975071
Dissolved Antimony (Sb)	ug/L	0.024	B975071	ND	ND	B975071	ND	ND	0.020	B975071
Dissolved Arsenic (As)	ug/L	0.082	B983198	0.085	0.085	B975071	ND	ND	0.020	B975071
Dissolved Barium (Ba)	ug/L	3.54	B975071	5.35	5.48	B975071	ND	ND	0.020	B975071
Dissolved Beryllium (Be)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.010	B975071
Dissolved Bismuth (Bi)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.0050	B975071
Dissolved Boron (B)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	10	B975071
Dissolved Cadmium (Cd)	ug/L	ND	B975071	0.0050	ND	B975071	ND	ND	0.0050	B975071
Dissolved Cesium (Cs)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.050	B975071
Dissolved Chromium (Cr)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.10	B975071
Dissolved Cobalt (Co)	ug/L	0.0240	B975071	0.0310	0.0370	B975071	ND	ND	0.0050	B975071
Dissolved Copper (Cu)	ug/L	0.518	B975071	0.529	0.526	B975071	ND	ND	0.050	B975071
Dissolved Iron (Fe)	ug/L	23.4	B975071	46.8	28.5	B975071	ND	ND	1.0	B975071
Dissolved Lead (Pb)	ug/L	0.0070	B975071	ND	ND	B975071	ND	ND	0.0050	B975071
Dissolved Lithium (Li)	ug/L	ND	B975071	ND	0.56	B975071	ND	ND	0.50	B975071
Dissolved Manganese (Mn)	ug/L	1.22	B975071	4.24	3.82	B975071	ND	ND	0.050	B975071
Dissolved Molybdenum (Mo)	ug/L	0.327	B975071	0.392	0.398	B975071	ND	ND	0.050	B975071
Dissolved Nickel (Ni)	ug/L	0.211	B975071	0.092	0.055	B975071	ND	ND	0.020	B975071
Dissolved Phosphorus (P)	ug/L	8.1	B975071	7.2	5.5	B975071	4.3	ND	2.0	B975071
Dissolved Rubidium (Rb)	ug/L	0.306	B975071	0.561	0.542	B975071	ND	ND	0.050	B975071
Dissolved Selenium (Se)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.040	B975071
Dissolved Silicon (Si)	ug/L	3750	B975071	2770	2510	B975071	ND	ND	50	B975071
Dissolved Silver (Ag)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.0050	B975071
Dissolved Strontium (Sr)	ug/L	10.9	B975071	22.4	21.4	B975071	ND	ND	0.050	B975071

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH536		DMH537	DMH538		DMH539	DMH540		
Sampling Date		2025/06/03		2025/06/03	2025/06/03		2025/06/03	2025/06/03		
COC Number		105990		105990	105990		105990	105990		
	UNITS	WLNG-US	QC Batch	SQU-US	SQU-DS	QC Batch	Field Blank	Trip Blank	RDL	QC Batch
Dissolved Tellurium (Te)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.020	B975071
Dissolved Thallium (Tl)	ug/L	0.0020	B975071	ND	0.0020	B975071	ND	ND	0.0020	B975071
Dissolved Thorium (Th)	ug/L	0.0090	B975071	ND	0.0050	B975071	ND	ND	0.0050	B975071
Dissolved Tin (Sn)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.20	B975071
Dissolved Titanium (Ti)	ug/L	0.54	B975071	0.72	0.82	B975071	ND	ND	0.50	B975071
Dissolved Uranium (U)	ug/L	0.0600	B975071	0.0200	0.0230	B975071	ND	ND	0.0020	B975071
Dissolved Vanadium (V)	ug/L	ND	B975071	0.72	0.68	B975071	ND	ND	0.20	B975071
Dissolved Zinc (Zn)	ug/L	1.93	B975071	0.54	0.41	B975071	ND	ND	0.10	B975071
Dissolved Zirconium (Zr)	ug/L	ND	B975071	ND	ND	B975071	ND	ND	0.10	B975071
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	82.1	B975223	568	672	B975223	ND	ND	0.50	B977119
Total Antimony (Sb)	ug/L	0.020	B975223	ND	ND	B975223	ND	ND	0.020	B977119
Total Arsenic (As)	ug/L	0.046	B975223	0.107	0.112	B975223	ND	ND	0.020	B977119
Total Barium (Ba)	ug/L	4.24	B975223	14.2	16.6	B975223	ND	ND	0.020	B977119
Total Beryllium (Be)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.010	B977119
Total Bismuth (Bi)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.0050	B977119
Total Boron (B)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	10	B977119
Total Cadmium (Cd)	ug/L	0.0080	B975223	0.0110	0.0080	B975223	ND	ND	0.0050	B977119
Total Cesium (Cs)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.050	B977119
Total Chromium (Cr)	ug/L	ND	B975223	0.26	0.32	B975223	ND	ND	0.10	B977119
Total Cobalt (Co)	ug/L	0.0330	B975223	0.285	0.342	B975223	ND	ND	0.0050	B977119
Total Copper (Cu)	ug/L	0.609	B975223	1.41	1.58	B975223	ND	ND	0.050	B977119
Total Iron (Fe)	ug/L	56.2	B975223	594	694	B975223	ND	ND	1.0	B977119
Total Lead (Pb)	ug/L	0.0310	B975223	0.103	0.120	B975223	ND	ND	0.0050	B977119
Total Lithium (Li)	ug/L	ND	B975223	0.81	0.95	B975223	ND	ND	0.50	B977119
Total Manganese (Mn)	ug/L	2.10	B975223	18.8	22.2	B975223	ND	ND	0.050	B977119
Total Molybdenum (Mo)	ug/L	0.314	B975223	0.418	0.376	B975223	ND	ND	0.050	B977119
Total Nickel (Ni)	ug/L	0.193	B975223	0.337	0.369	B975223	ND	ND	0.020	B977119
Total Phosphorus (P)	ug/L	6.4	B975223	38.2	34.3	B975223	2.7	ND	2.0	B977119
Total Rubidium (Rb)	ug/L	0.395	B975223	1.27	1.51	B975223	ND	ND	0.050	B977119
Total Selenium (Se)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.040	B977119
Total Silicon (Si)	ug/L	3870	B975223	3880	3690	B975223	ND	ND	50	B977119
Total Silver (Ag)	ug/L	ND	B975223	ND	0.0080	B975223	ND	ND	0.0050	B977119

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH536		DMH537	DMH538		DMH539	DMH540		
Sampling Date		2025/06/03		2025/06/03	2025/06/03		2025/06/03	2025/06/03		
COC Number		105990		105990	105990		105990	105990		
	UNITS	WLNG-US	QC Batch	SQU-US	SQU-DS	QC Batch	Field Blank	Trip Blank	RDL	QC Batch
Total Strontium (Sr)	ug/L	12.0	B975223	26.0	25.4	B975223	ND	ND	0.050	B977119
Total Tellurium (Te)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.020	B977119
Total Thallium (Tl)	ug/L	0.0020	B975223	0.0070	0.0080	B975223	ND	ND	0.0020	B977119
Total Thorium (Th)	ug/L	ND	B975223	0.070	ND	B975223	ND	ND	0.050	B977119
Total Tin (Sn)	ug/L	ND	B975223	ND	ND	B975223	ND	ND	0.20	B977119
Total Titanium (Ti)	ug/L	1.34	B975223	37.4	46.2	B975223	ND	ND	0.50	B977119
Total Uranium (U)	ug/L	0.0760	B975223	0.0470	0.0520	B975223	ND	ND	0.0020	B977119
Total Vanadium (V)	ug/L	ND	B975223	1.96	2.07	B975223	ND	ND	0.20	B977119
Total Zinc (Zn)	ug/L	2.27	B975223	2.40	2.79	B975223	ND	ND	0.10	B977119
Total Zirconium (Zr)	ug/L	ND	B975223	0.14	0.16	B975223	ND	ND	0.10	B977119
Total Calcium (Ca)	mg/L	2.17	B973879	4.24	4.08	B973879	ND	ND	0.050	B973879
Total Magnesium (Mg)	mg/L	0.241	B973879	0.646	0.662	B973879	ND	ND	0.050	B973879
Total Potassium (K)	mg/L	0.163	B973879	0.552	0.615	B973879	ND	ND	0.050	B973879
Total Sodium (Na)	mg/L	1.35	B973879	1.23	1.16	B973879	ND	ND	0.050	B973879
Total Sulphur (S)	mg/L	ND	B973879	ND	ND	B973879	ND	ND	3.0	B973879

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH541		
Sampling Date		2025/06/03		
COC Number		105990		
	UNITS	Duplicate	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	ND	0.010	B976484
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	17.3	0.050	B973873
Dissolved Magnesium (Mg)	mg/L	0.846	0.050	B973873
Dissolved Potassium (K)	mg/L	1.83	0.050	B973873
Dissolved Sodium (Na)	mg/L	5.01	0.050	B973873
Dissolved Sulphur (S)	mg/L	ND	3.0	B973873
Lab Filtered Metals				
Dissolved Aluminum (Al)	ug/L	38.8	0.50	B975071
Dissolved Antimony (Sb)	ug/L	0.426	0.020	B975071
Dissolved Arsenic (As)	ug/L	0.777	0.020	B975071
Dissolved Barium (Ba)	ug/L	4.90	0.020	B975071
Dissolved Beryllium (Be)	ug/L	ND	0.010	B975071
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B975071
Dissolved Boron (B)	ug/L	13	10	B975071
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B975071
Dissolved Cesium (Cs)	ug/L	ND	0.050	B975071
Dissolved Chromium (Cr)	ug/L	ND	0.10	B975071
Dissolved Cobalt (Co)	ug/L	0.0570	0.0050	B975071
Dissolved Copper (Cu)	ug/L	0.160	0.050	B975071
Dissolved Iron (Fe)	ug/L	ND	1.0	B975071
Dissolved Lead (Pb)	ug/L	ND	0.0050	B975071
Dissolved Lithium (Li)	ug/L	2.94	0.50	B975071
Dissolved Manganese (Mn)	ug/L	15.0	0.050	B975071
Dissolved Molybdenum (Mo)	ug/L	14.1	0.050	B975071
Dissolved Nickel (Ni)	ug/L	0.165	0.020	B975071
Dissolved Phosphorus (P)	ug/L	3.7	2.0	B975071
Dissolved Rubidium (Rb)	ug/L	3.86	0.050	B975071
Dissolved Selenium (Se)	ug/L	ND	0.040	B975071
Dissolved Silicon (Si)	ug/L	5680	50	B975071
Dissolved Silver (Ag)	ug/L	ND	0.0050	B975071

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH541		
Sampling Date		2025/06/03		
COC Number		105990		
	UNITS	Duplicate	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	35.0	0.050	B975071
Dissolved Tellurium (Te)	ug/L	ND	0.020	B975071
Dissolved Thallium (Tl)	ug/L	0.0180	0.0020	B975071
Dissolved Thorium (Th)	ug/L	ND	0.0050	B975071
Dissolved Tin (Sn)	ug/L	ND	0.20	B975071
Dissolved Titanium (Ti)	ug/L	ND	0.50	B975071
Dissolved Uranium (U)	ug/L	0.361	0.0020	B975071
Dissolved Vanadium (V)	ug/L	ND	0.20	B975071
Dissolved Zinc (Zn)	ug/L	1.74	0.10	B975071
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B975071
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	114	0.50	B977119
Total Antimony (Sb)	ug/L	0.474	0.020	B977119
Total Arsenic (As)	ug/L	0.775	0.020	B977119
Total Barium (Ba)	ug/L	5.41	0.020	B977119
Total Beryllium (Be)	ug/L	ND	0.010	B977119
Total Bismuth (Bi)	ug/L	ND	0.0050	B977119
Total Boron (B)	ug/L	12	10	B977119
Total Cadmium (Cd)	ug/L	0.0120	0.0050	B977119
Total Cesium (Cs)	ug/L	ND	0.050	B977119
Total Chromium (Cr)	ug/L	ND	0.10	B977119
Total Cobalt (Co)	ug/L	0.0650	0.0050	B977119
Total Copper (Cu)	ug/L	0.278	0.050	B977119
Total Iron (Fe)	ug/L	32.6	1.0	B977119
Total Lead (Pb)	ug/L	0.0370	0.0050	B977119
Total Lithium (Li)	ug/L	2.82	0.50	B977119
Total Manganese (Mn)	ug/L	17.0	0.050	B977119
Total Molybdenum (Mo)	ug/L	14.5	0.050	B977119
Total Nickel (Ni)	ug/L	0.173	0.020	B977119
Total Phosphorus (P)	ug/L	5.9	2.0	B977119
Total Rubidium (Rb)	ug/L	4.13	0.050	B977119
Total Selenium (Se)	ug/L	ND	0.040	B977119

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMH541		
Sampling Date		2025/06/03		
COC Number		105990		
	UNITS	Duplicate	RDL	QC Batch
Total Silicon (Si)	ug/L	5940	50	B977119
Total Silver (Ag)	ug/L	ND	0.0050	B977119
Total Strontium (Sr)	ug/L	37.1	0.050	B977119
Total Tellurium (Te)	ug/L	ND	0.020	B977119
Total Thallium (Tl)	ug/L	0.0190	0.0020	B977119
Total Thorium (Th)	ug/L	ND	0.050	B977119
Total Tin (Sn)	ug/L	ND	0.20	B977119
Total Titanium (Ti)	ug/L	1.29	0.50	B977119
Total Uranium (U)	ug/L	0.432	0.0020	B977119
Total Vanadium (V)	ug/L	ND	0.20	B977119
Total Zinc (Zn)	ug/L	2.24	0.10	B977119
Total Zirconium (Zr)	ug/L	ND	0.10	B977119
Total Calcium (Ca)	mg/L	17.6	0.050	B973879
Total Magnesium (Mg)	mg/L	0.897	0.050	B973879
Total Potassium (K)	mg/L	2.05	0.050	B973879
Total Sodium (Na)	mg/L	5.22	0.050	B973879
Total Sulphur (S)	mg/L	ND	3.0	B973879

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

MISCELLANEOUS (WATER)

Bureau Veritas ID		DMH534	DMH535	DMH536	DMH537	DMH538	DMH539		
Sampling Date		2025/06/03	2025/06/03	2025/06/03	2025/06/03	2025/06/03	2025/06/03		
COC Number		105990	105990	105990	105990	105990	105990		
	UNITS	WLNG-DS	WLNG-EOP	WLNG-US	SQU-US	SQU-DS	Field Blank	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B974025
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	ND	0.0050	B974025

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas ID		DMH540	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	Trip Blank	Duplicate	RDL	QC Batch
Calculated Parameters					
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	0.0050	B974025
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	0.0050	B974025

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

Bureau Veritas ID		DMH535	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	WLNG-EOP	Duplicate	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH`s	ug/L	ND	ND	0.10	B973646
High Molecular Weight PAH`s	ug/L	ND	ND	0.050	B973646
Total PAH	ug/L	ND	ND	0.10	B973646
Polycyclic Aromatics					
Quinoline	ug/L	ND	ND	0.020	B979291
Naphthalene	ug/L	ND	ND	0.10	B979291
1-Methylnaphthalene	ug/L	ND	ND	0.050	B979291
2-Methylnaphthalene	ug/L	ND	ND	0.10	B979291
Acenaphthylene	ug/L	ND	ND	0.050	B979291
Acenaphthene	ug/L	ND	ND	0.050	B979291
Fluorene	ug/L	ND	ND	0.050	B979291
Phenanthrene	ug/L	ND	ND	0.050	B979291
Anthracene	ug/L	ND	ND	0.010	B979291
Acridine	ug/L	ND	ND	0.050	B979291
Fluoranthene	ug/L	ND	ND	0.020	B979291
Pyrene	ug/L	ND	ND	0.020	B979291
Benzo(a)anthracene	ug/L	ND	ND	0.010	B979291
Chrysene	ug/L	ND	ND	0.020	B979291
Benzo(b&j)fluoranthene	ug/L	ND	ND	0.030	B979291
Benzo(k)fluoranthene	ug/L	ND	ND	0.050	B979291
Benzo(a)pyrene	ug/L	ND	ND	0.0050	B979291
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.050	B979291
Dibenz(a,h)anthracene	ug/L	ND	ND	0.0030	B979291
Benzo(g,h,i)perylene	ug/L	ND	ND	0.050	B979291
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	ND	ND	0.20	B973653
HEPH (C19-C32 less PAH)	mg/L	ND	ND	0.20	B973653
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	ND	ND	0.20	B979323
EPH (C19-C32)	mg/L	ND	ND	0.20	B979323

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

Bureau Veritas ID		DMH535	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	WLNG-EOP	Duplicate	RDL	QC Batch
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	101	103		B979323
D10-ANTHRACENE (sur.)	%	93	94		B979291
D8-ACENAPHTHYLENE (sur.)	%	84	89		B979291
D8-NAPHTHALENE (sur.)	%	71	85		B979291
TERPHENYL-D14 (sur.)	%	80	100		B979291
RDL = Reportable Detection Limit					

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DMH535	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	WLNG-EOP	Duplicate	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	B973656
Volatiles					
VH C6-C10	ug/L	ND	ND	300	B975213
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	B975213
1,1,1-trichloroethane	ug/L	ND	ND	0.50	B975213
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	B975213
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	B975213
1,1,2-trichloroethane	ug/L	ND	ND	0.50	B975213
1,1-dichloroethane	ug/L	ND	ND	0.50	B975213
1,1-dichloroethene	ug/L	ND	ND	0.50	B975213
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	B975213
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	B975213
1,2-dibromoethane	ug/L	ND	ND	0.20	B975213
1,2-dichlorobenzene	ug/L	ND	ND	0.50	B975213
1,2-dichloroethane	ug/L	ND	ND	0.50	B975213
1,2-dichloropropane	ug/L	ND	ND	0.50	B975213
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	B975213
1,3-Butadiene	ug/L	ND	ND	0.50	B975213
1,3-dichlorobenzene	ug/L	ND	ND	0.50	B975213
1,3-dichloropropane	ug/L	ND	ND	1.0	B975213
1,4-dichlorobenzene	ug/L	ND	ND	0.50	B975213
Benzene	ug/L	ND	ND	0.40	B975213
Bromobenzene	ug/L	ND	ND	2.0	B975213
Bromodichloromethane	ug/L	ND	ND	1.0	B975213
Bromoform	ug/L	ND	ND	1.0	B975213
Bromomethane	ug/L	ND	ND	1.0	B975213
Carbon tetrachloride	ug/L	ND	ND	0.50	B975213
Chlorobenzene	ug/L	ND	ND	0.50	B975213
Dibromochloromethane	ug/L	ND	ND	1.0	B975213
Chloroethane	ug/L	ND	ND	1.0	B975213
Chloroform	ug/L	ND	ND	1.0	B975213

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DMH535	DMH541		
Sampling Date		2025/06/03	2025/06/03		
COC Number		105990	105990		
	UNITS	WLNG-EOP	Duplicate	RDL	QC Batch
Chloromethane	ug/L	ND	ND	1.0	B975213
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	B975213
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	B975213
Dichlorodifluoromethane	ug/L	ND	ND	2.0	B975213
Dichloromethane	ug/L	ND	ND	2.0	B975213
Ethylbenzene	ug/L	ND	ND	0.40	B975213
Hexachlorobutadiene	ug/L	ND	ND	0.50	B975213
Isopropylbenzene	ug/L	ND	ND	2.0	B975213
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	B975213
Styrene	ug/L	2.6	2.6	0.50	B975213
Tetrachloroethene	ug/L	ND	ND	0.50	B975213
Toluene	ug/L	ND	ND	0.40	B975213
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	B975213
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	B975213
Trichloroethene	ug/L	ND	ND	0.50	B975213
Trichlorofluoromethane	ug/L	ND	ND	4.0	B975213
Vinyl chloride	ug/L	ND	ND	0.50	B975213
m & p-Xylene	ug/L	ND	ND	0.40	B975213
o-Xylene	ug/L	ND	ND	0.40	B975213
Xylenes (Total)	ug/L	ND	ND	0.40	B975213
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	98	98		B975213
4-Bromofluorobenzene (sur.)	%	79	79		B975213
D4-1,2-Dichloroethane (sur.)	%	70	73		B975213

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GENERAL COMMENTS

Sample DMH536, Elements by ICPMS Low Level (lab filter): Test repeated.

Results relate only to the items tested.

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B974445	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/06/04		113	%	80 - 120
B974445	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/06/04		106	%	80 - 120
B974445	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/06/04	ND, RDL=0.020		mg/L	
B974445	C2L	RPD	Nitrate plus Nitrite (N)	2025/06/04	NC		%	25
B974463	C2L	Matrix Spike	Nitrite (N)	2025/06/04		115	%	80 - 120
B974463	C2L	Spiked Blank	Nitrite (N)	2025/06/04		104	%	80 - 120
B974463	C2L	Method Blank	Nitrite (N)	2025/06/04	ND, RDL=0.0050		mg/L	
B974463	C2L	RPD	Nitrite (N)	2025/06/04	NC		%	20
B974492	BB3	Spiked Blank	pH	2025/06/05		100	%	97 - 103
B974492	BB3	RPD [DMH539-01]	pH	2025/06/05	4.1		%	N/A
B974504	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/06/05		100	%	80 - 120
B974504	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/06/05	ND, RDL=1.0		mg/L	
B974504	BB3	RPD [DMH539-01]	Alkalinity (PP as CaCO3)	2025/06/05	NC		%	20
			Alkalinity (Total as CaCO3)	2025/06/05	NC		%	20
			Bicarbonate (HCO3)	2025/06/05	NC		%	20
			Carbonate (CO3)	2025/06/05	NC		%	20
			Hydroxide (OH)	2025/06/05	NC		%	20
B974508	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/06/04		96	%	80 - 120
B974508	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/04		97	%	80 - 120
B974508	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/04	ND, RDL=0.050		mg/L	
B974508	CJY	RPD	Dissolved Fluoride (F)	2025/06/04	NC		%	20
B974509	BB3	Spiked Blank	pH	2025/06/05		100	%	97 - 103
B974509	BB3	RPD [DMH538-01]	pH	2025/06/05	7.3		%	N/A
B974509	BB3	RPD	pH	2025/06/05	0.37		%	N/A
B974510	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/06/05		99	%	80 - 120
B974510	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/06/05	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/06/05	ND, RDL=1.0		mg/L	
B974510	BB3	RPD [DMH538-01]	Alkalinity (PP as CaCO3)	2025/06/05	NC		%	20
			Alkalinity (Total as CaCO3)	2025/06/05	5.6		%	20
			Bicarbonate (HCO3)	2025/06/05	5.6		%	20
			Carbonate (CO3)	2025/06/05	NC		%	20
			Hydroxide (OH)	2025/06/05	NC		%	20
B974549	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/05		101	%	80 - 120

Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B974549	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/04	ND, RDL=0.050		mg/L	
B975071	MEM	Matrix Spike [DMH534-07]	Dissolved Aluminum (Al)	2025/06/05		99	%	80 - 120
			Dissolved Antimony (Sb)	2025/06/05		96	%	80 - 120
			Dissolved Arsenic (As)	2025/06/05		101	%	80 - 120
			Dissolved Barium (Ba)	2025/06/05		95	%	80 - 120
			Dissolved Beryllium (Be)	2025/06/05		101	%	80 - 120
			Dissolved Bismuth (Bi)	2025/06/05		94	%	80 - 120
			Dissolved Boron (B)	2025/06/05		97	%	80 - 120
			Dissolved Cadmium (Cd)	2025/06/05		99	%	80 - 120
			Dissolved Cesium (Cs)	2025/06/05		95	%	80 - 120
			Dissolved Chromium (Cr)	2025/06/05		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/06/05		98	%	80 - 120
			Dissolved Copper (Cu)	2025/06/05		97	%	80 - 120
			Dissolved Iron (Fe)	2025/06/05		101	%	80 - 120
			Dissolved Lead (Pb)	2025/06/05		100	%	80 - 120
			Dissolved Lithium (Li)	2025/06/05		96	%	80 - 120
			Dissolved Manganese (Mn)	2025/06/05		97	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/06/05		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/06/05		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/06/05		99	%	80 - 120
			Dissolved Rubidium (Rb)	2025/06/05		101	%	80 - 120
			Dissolved Selenium (Se)	2025/06/05		104	%	80 - 120
			Dissolved Silicon (Si)	2025/06/05		NC	%	80 - 120
			Dissolved Silver (Ag)	2025/06/05		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/06/05		100	%	80 - 120
			Dissolved Tellurium (Te)	2025/06/05		100	%	80 - 120
			Dissolved Thallium (Tl)	2025/06/05		96	%	80 - 120
			Dissolved Thorium (Th)	2025/06/05		99	%	80 - 120
			Dissolved Tin (Sn)	2025/06/05		96	%	80 - 120
			Dissolved Titanium (Ti)	2025/06/05		99	%	80 - 120
			Dissolved Uranium (U)	2025/06/05		100	%	80 - 120
			Dissolved Vanadium (V)	2025/06/05		101	%	80 - 120
			Dissolved Zinc (Zn)	2025/06/05		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/06/05		98	%	80 - 120
B975071	MEM	Spiked Blank	Dissolved Aluminum (Al)	2025/06/05		99	%	80 - 120
			Dissolved Antimony (Sb)	2025/06/05		99	%	80 - 120
			Dissolved Arsenic (As)	2025/06/05		101	%	80 - 120
			Dissolved Barium (Ba)	2025/06/05		99	%	80 - 120
			Dissolved Beryllium (Be)	2025/06/05		103	%	80 - 120
			Dissolved Bismuth (Bi)	2025/06/05		94	%	80 - 120
			Dissolved Boron (B)	2025/06/05		99	%	80 - 120
			Dissolved Cadmium (Cd)	2025/06/05		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/06/05		97	%	80 - 120
			Dissolved Chromium (Cr)	2025/06/05		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/06/05		99	%	80 - 120
			Dissolved Copper (Cu)	2025/06/05		100	%	80 - 120
			Dissolved Iron (Fe)	2025/06/05		101	%	80 - 120
			Dissolved Lead (Pb)	2025/06/05		100	%	80 - 120
			Dissolved Lithium (Li)	2025/06/05		99	%	80 - 120
			Dissolved Manganese (Mn)	2025/06/05		100	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/06/05		96	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Nickel (Ni)	2025/06/05		100	%	80 - 120
			Dissolved Phosphorus (P)	2025/06/05		98	%	80 - 120
			Dissolved Rubidium (Rb)	2025/06/05		98	%	80 - 120
			Dissolved Selenium (Se)	2025/06/05		104	%	80 - 120
			Dissolved Silicon (Si)	2025/06/05		98	%	80 - 120
			Dissolved Silver (Ag)	2025/06/05		99	%	80 - 120
			Dissolved Strontium (Sr)	2025/06/05		98	%	80 - 120
			Dissolved Tellurium (Te)	2025/06/05		116	%	80 - 120
			Dissolved Thallium (Tl)	2025/06/05		95	%	80 - 120
			Dissolved Thorium (Th)	2025/06/05		95	%	80 - 120
			Dissolved Tin (Sn)	2025/06/05		104	%	80 - 120
			Dissolved Titanium (Ti)	2025/06/05		103	%	80 - 120
			Dissolved Uranium (U)	2025/06/05		99	%	80 - 120
			Dissolved Vanadium (V)	2025/06/05		100	%	80 - 120
			Dissolved Zinc (Zn)	2025/06/05		104	%	80 - 120
			Dissolved Zirconium (Zr)	2025/06/05		94	%	80 - 120
B975071	MEM	Method Blank	Dissolved Aluminum (Al)	2025/06/05	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/06/05	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/06/05	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/06/05	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/06/05	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/06/05	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/06/05	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/06/05	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/06/05	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/06/05	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/06/05	ND, RDL=2.0		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Rubidium (Rb)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/06/05	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/06/05	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/06/05	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/06/05	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/06/05	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/06/05	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/06/05	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/06/05	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/06/05	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/06/05	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/06/05	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/06/05	ND, RDL=0.10		ug/L	
B975071	MEM	RPD [DMH534-07]	Dissolved Aluminum (Al)	2025/06/05	1.1		%	20
			Dissolved Antimony (Sb)	2025/06/05	2.8		%	20
			Dissolved Arsenic (As)	2025/06/05	3.6		%	20
			Dissolved Barium (Ba)	2025/06/05	0.55		%	20
			Dissolved Beryllium (Be)	2025/06/05	NC		%	20
			Dissolved Bismuth (Bi)	2025/06/05	NC		%	20
			Dissolved Boron (B)	2025/06/05	2.2		%	20
			Dissolved Cadmium (Cd)	2025/06/05	8.7		%	20
			Dissolved Cesium (Cs)	2025/06/05	NC		%	20
			Dissolved Chromium (Cr)	2025/06/05	NC		%	20
			Dissolved Cobalt (Co)	2025/06/05	8.3		%	20
			Dissolved Copper (Cu)	2025/06/05	7.2		%	20
			Dissolved Iron (Fe)	2025/06/05	0.87		%	20
			Dissolved Lead (Pb)	2025/06/05	NC		%	20
			Dissolved Lithium (Li)	2025/06/05	0.25		%	20
			Dissolved Manganese (Mn)	2025/06/05	1.2		%	20
			Dissolved Molybdenum (Mo)	2025/06/05	0.59		%	20
			Dissolved Nickel (Ni)	2025/06/05	3.7		%	20
			Dissolved Phosphorus (P)	2025/06/05	NC		%	20
			Dissolved Rubidium (Rb)	2025/06/05	4.9		%	20
			Dissolved Selenium (Se)	2025/06/05	NC		%	20
			Dissolved Silicon (Si)	2025/06/05	1.4		%	20
			Dissolved Silver (Ag)	2025/06/05	NC		%	20
			Dissolved Strontium (Sr)	2025/06/05	0.21		%	20
			Dissolved Tellurium (Te)	2025/06/05	NC		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Thallium (Tl)	2025/06/05	6.1		%	20
			Dissolved Thorium (Th)	2025/06/05	NC		%	20
			Dissolved Tin (Sn)	2025/06/05	NC		%	20
			Dissolved Titanium (Ti)	2025/06/05	NC		%	20
			Dissolved Uranium (U)	2025/06/05	1.3		%	20
			Dissolved Vanadium (V)	2025/06/05	NC		%	20
			Dissolved Zinc (Zn)	2025/06/05	1.9		%	20
			Dissolved Zirconium (Zr)	2025/06/05	NC		%	20
B975213	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/06/05		97	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/06/05		82	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/06/05		77	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/06/05		78	%	50 - 140
			1,1,1-trichloroethane	2025/06/05		84	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/06/05		76	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/05		86	%	50 - 140
			1,1,2-trichloroethane	2025/06/05		78	%	50 - 140
			1,1-dichloroethane	2025/06/05		105	%	50 - 140
			1,1-dichloroethene	2025/06/05		103	%	50 - 140
			1,2,3-trichlorobenzene	2025/06/05		71	%	50 - 140
			1,2,4-trichlorobenzene	2025/06/05		76	%	50 - 140
			1,2-dibromoethane	2025/06/05		79	%	50 - 140
			1,2-dichlorobenzene	2025/06/05		93	%	50 - 140
			1,2-dichloroethane	2025/06/05		86	%	50 - 140
			1,2-dichloropropane	2025/06/05		92	%	50 - 140
			1,3,5-trimethylbenzene	2025/06/05		98	%	50 - 140
			1,3-Butadiene	2025/06/05		86	%	50 - 140
			1,3-dichlorobenzene	2025/06/05		93	%	50 - 140
			1,3-dichloropropane	2025/06/05		80	%	50 - 140
			1,4-dichlorobenzene	2025/06/05		85	%	50 - 140
			Benzene	2025/06/05		118	%	50 - 140
			Bromobenzene	2025/06/05		87	%	50 - 140
			Bromodichloromethane	2025/06/05		90	%	50 - 140
			Bromoform	2025/06/05		88	%	50 - 140
			Bromomethane	2025/06/05		117	%	50 - 140
			Carbon tetrachloride	2025/06/05		83	%	50 - 140
			Chlorobenzene	2025/06/05		82	%	50 - 140
			Dibromochloromethane	2025/06/05		114	%	50 - 140
			Chloroethane	2025/06/05		109	%	50 - 140
			Chloroform	2025/06/05		88	%	50 - 140
			Chloromethane	2025/06/05		127	%	50 - 140
			cis-1,2-dichloroethene	2025/06/05		93	%	50 - 140
			cis-1,3-dichloropropene	2025/06/05		78	%	50 - 140
			Dichlorodifluoromethane	2025/06/05		103	%	50 - 140
			Dichloromethane	2025/06/05		81	%	50 - 140
			Ethylbenzene	2025/06/05		82	%	50 - 140
			Hexachlorobutadiene	2025/06/05		68	%	50 - 140
			Isopropylbenzene	2025/06/05		93	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/06/05		79	%	50 - 140
			Styrene	2025/06/05		87	%	50 - 140
			Tetrachloroethene	2025/06/05		77	%	50 - 140
			Toluene	2025/06/05		86	%	50 - 140
			trans-1,2-dichloroethene	2025/06/05		99	%	50 - 140
			trans-1,3-dichloropropene	2025/06/05		55	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Trichloroethene	2025/06/05		83	%	50 - 140
			Trichlorofluoromethane	2025/06/05		94	%	50 - 140
			Vinyl chloride	2025/06/05		111	%	50 - 140
			m & p-Xylene	2025/06/05		84	%	50 - 140
			o-Xylene	2025/06/05		78	%	50 - 140
B975213	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/06/05		97	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/06/05		82	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/06/05		77	%	50 - 140
			VH C6-C10	2025/06/05		89	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/06/05		75	%	60 - 130
			1,1,1-trichloroethane	2025/06/05		80	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/06/05		86	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/05		82	%	60 - 130
			1,1,2-trichloroethane	2025/06/05		76	%	60 - 130
			1,1-dichloroethane	2025/06/05		101	%	60 - 130
			1,1-dichloroethene	2025/06/05		98	%	60 - 130
			1,2,3-trichlorobenzene	2025/06/05		85	%	60 - 130
			1,2,4-trichlorobenzene	2025/06/05		87	%	60 - 130
			1,2-dibromoethane	2025/06/05		77	%	60 - 130
			1,2-dichlorobenzene	2025/06/05		92	%	60 - 130
			1,2-dichloroethane	2025/06/05		84	%	60 - 130
			1,2-dichloropropane	2025/06/05		89	%	60 - 130
			1,3,5-trimethylbenzene	2025/06/05		97	%	60 - 130
			1,3-Butadiene	2025/06/05		82	%	50 - 140
			1,3-dichlorobenzene	2025/06/05		93	%	60 - 130
			1,3-dichloropropane	2025/06/05		73	%	60 - 130
			1,4-dichlorobenzene	2025/06/05		85	%	60 - 130
			Benzene	2025/06/05		113	%	60 - 130
			Bromobenzene	2025/06/05		85	%	60 - 130
			Bromodichloromethane	2025/06/05		86	%	60 - 130
			Bromoform	2025/06/05		82	%	60 - 130
			Bromomethane	2025/06/05		106	%	50 - 140
			Carbon tetrachloride	2025/06/05		81	%	60 - 130
			Chlorobenzene	2025/06/05		79	%	60 - 130
			Dibromochloromethane	2025/06/05		78	%	60 - 130
			Chloroethane	2025/06/05		95	%	50 - 140
			Chloroform	2025/06/05		84	%	60 - 130
			Chloromethane	2025/06/05		123	%	50 - 140
			cis-1,2-dichloroethene	2025/06/05		90	%	60 - 130
			cis-1,3-dichloropropene	2025/06/05		76	%	50 - 140
			Dichlorodifluoromethane	2025/06/05		100	%	50 - 140
			Dichloromethane	2025/06/05		79	%	60 - 130
			Ethylbenzene	2025/06/05		78	%	60 - 130
			Hexachlorobutadiene	2025/06/05		86	%	60 - 130
			Isopropylbenzene	2025/06/05		90	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/06/05		78	%	60 - 130
			Styrene	2025/06/05		83	%	60 - 130
			Tetrachloroethene	2025/06/05		73	%	60 - 130
			Toluene	2025/06/05		81	%	60 - 130
			trans-1,2-dichloroethene	2025/06/05		95	%	60 - 130
			trans-1,3-dichloropropene	2025/06/05		55	%	50 - 140
			Trichloroethene	2025/06/05		80	%	60 - 130
			Trichlorofluoromethane	2025/06/05		97	%	60 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Vinyl chloride	2025/06/05		106	%	50 - 140
			m & p-Xylene	2025/06/05		81	%	60 - 130
			o-Xylene	2025/06/05		75	%	60 - 130
B975213	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/06/05		98	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/06/05		78	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/06/05		72	%	50 - 140
			VH C6-C10	2025/06/05	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/05	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/06/05	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/06/05	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/06/05	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/06/05	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/06/05	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/06/05	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/06/05	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/06/05	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/06/05	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/06/05	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/06/05	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/06/05	ND, RDL=0.50		ug/L	
			Benzene	2025/06/05	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/06/05	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/06/05	ND, RDL=1.0		ug/L	
			Bromoform	2025/06/05	ND, RDL=1.0		ug/L	
			Bromomethane	2025/06/05	ND, RDL=1.0		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Carbon tetrachloride	2025/06/05	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/06/05	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/06/05	ND, RDL=1.0		ug/L	
			Chloroethane	2025/06/05	ND, RDL=1.0		ug/L	
			Chloroform	2025/06/05	ND, RDL=1.0		ug/L	
			Chloromethane	2025/06/05	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/06/05	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/06/05	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/06/05	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/06/05	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/06/05	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/06/05	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/06/05	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/06/05	ND, RDL=4.0		ug/L	
			Styrene	2025/06/05	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/06/05	ND, RDL=0.50		ug/L	
			Toluene	2025/06/05	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/06/05	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/06/05	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/06/05	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/06/05	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/06/05	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/06/05	ND, RDL=0.40		ug/L	
			o-Xylene	2025/06/05	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/06/05	ND, RDL=0.40		ug/L	
B975213	NGU	RPD	VH C6-C10	2025/06/05	NC		%	30
			1,2-dibromoethane	2025/06/05	NC		%	30
			1,2-dichloroethane	2025/06/05	NC		%	30
			1,3,5-trimethylbenzene	2025/06/05	NC		%	30

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,3-Butadiene	2025/06/05	NC		%	30
			Benzene	2025/06/05	NC		%	30
			Ethylbenzene	2025/06/05	NC		%	30
			Isopropylbenzene	2025/06/05	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/06/05	NC		%	30
			Styrene	2025/06/05	NC		%	30
			Toluene	2025/06/05	NC		%	30
			m & p-Xylene	2025/06/05	NC		%	30
			o-Xylene	2025/06/05	NC		%	30
			Xylenes (Total)	2025/06/05	NC		%	30
B975223	MEM	Matrix Spike	Total Aluminum (Al)	2025/06/07		NC	%	80 - 120
			Total Antimony (Sb)	2025/06/07		101	%	80 - 120
			Total Arsenic (As)	2025/06/07		101	%	80 - 120
			Total Barium (Ba)	2025/06/07		NC	%	80 - 120
			Total Beryllium (Be)	2025/06/07		101	%	80 - 120
			Total Bismuth (Bi)	2025/06/07		97	%	80 - 120
			Total Boron (B)	2025/06/07		98	%	80 - 120
			Total Cadmium (Cd)	2025/06/07		100	%	80 - 120
			Total Cesium (Cs)	2025/06/07		101	%	80 - 120
			Total Chromium (Cr)	2025/06/07		101	%	80 - 120
			Total Cobalt (Co)	2025/06/07		97	%	80 - 120
			Total Copper (Cu)	2025/06/07		NC	%	80 - 120
			Total Iron (Fe)	2025/06/07		NC	%	80 - 120
			Total Lead (Pb)	2025/06/07		100	%	80 - 120
			Total Lithium (Li)	2025/06/07		100	%	80 - 120
			Total Manganese (Mn)	2025/06/07		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/06/07		102	%	80 - 120
			Total Nickel (Ni)	2025/06/07		98	%	80 - 120
			Total Phosphorus (P)	2025/06/07		102	%	80 - 120
			Total Rubidium (Rb)	2025/06/07		104	%	80 - 120
			Total Selenium (Se)	2025/06/07		100	%	80 - 120
			Total Silicon (Si)	2025/06/07		NC	%	80 - 120
			Total Silver (Ag)	2025/06/07		102	%	80 - 120
			Total Strontium (Sr)	2025/06/07		NC	%	80 - 120
			Total Tellurium (Te)	2025/06/07		96	%	80 - 120
			Total Thallium (Tl)	2025/06/07		99	%	80 - 120
			Total Thorium (Th)	2025/06/07		103	%	80 - 120
			Total Tin (Sn)	2025/06/07		100	%	80 - 120
			Total Titanium (Ti)	2025/06/07		102	%	80 - 120
			Total Uranium (U)	2025/06/07		104	%	80 - 120
			Total Vanadium (V)	2025/06/07		102	%	80 - 120
			Total Zinc (Zn)	2025/06/07		100	%	80 - 120
			Total Zirconium (Zr)	2025/06/07		102	%	80 - 120
B975223	MEM	Spiked Blank	Total Aluminum (Al)	2025/06/07		101	%	80 - 120
			Total Antimony (Sb)	2025/06/07		99	%	80 - 120
			Total Arsenic (As)	2025/06/07		101	%	80 - 120
			Total Barium (Ba)	2025/06/07		103	%	80 - 120
			Total Beryllium (Be)	2025/06/07		100	%	80 - 120
			Total Bismuth (Bi)	2025/06/07		98	%	80 - 120
			Total Boron (B)	2025/06/07		95	%	80 - 120
			Total Cadmium (Cd)	2025/06/07		99	%	80 - 120
			Total Cesium (Cs)	2025/06/07		100	%	80 - 120
			Total Chromium (Cr)	2025/06/07		102	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cobalt (Co)	2025/06/07		98	%	80 - 120
			Total Copper (Cu)	2025/06/07		99	%	80 - 120
			Total Iron (Fe)	2025/06/07		102	%	80 - 120
			Total Lead (Pb)	2025/06/07		99	%	80 - 120
			Total Lithium (Li)	2025/06/07		98	%	80 - 120
			Total Manganese (Mn)	2025/06/07		101	%	80 - 120
			Total Molybdenum (Mo)	2025/06/07		100	%	80 - 120
			Total Nickel (Ni)	2025/06/07		99	%	80 - 120
			Total Phosphorus (P)	2025/06/07		100	%	80 - 120
			Total Rubidium (Rb)	2025/06/07		102	%	80 - 120
			Total Selenium (Se)	2025/06/07		98	%	80 - 120
			Total Silicon (Si)	2025/06/07		103	%	80 - 120
			Total Silver (Ag)	2025/06/07		100	%	80 - 120
			Total Strontium (Sr)	2025/06/07		101	%	80 - 120
			Total Tellurium (Te)	2025/06/07		105	%	80 - 120
			Total Thallium (Tl)	2025/06/07		98	%	80 - 120
			Total Thorium (Th)	2025/06/07		99	%	80 - 120
			Total Tin (Sn)	2025/06/07		100	%	80 - 120
			Total Titanium (Ti)	2025/06/07		102	%	80 - 120
			Total Uranium (U)	2025/06/07		102	%	80 - 120
			Total Vanadium (V)	2025/06/07		102	%	80 - 120
			Total Zinc (Zn)	2025/06/07		102	%	80 - 120
			Total Zirconium (Zr)	2025/06/07		96	%	80 - 120
B975223	MEM	Method Blank	Total Aluminum (Al)	2025/06/07	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/06/07	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/06/07	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/06/07	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/06/07	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/06/07	0.0050, RDL=0.0050 (1)		ug/L	
			Total Lithium (Li)	2025/06/07	ND, RDL=0.50		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Manganese (Mn)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/06/07	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/06/07	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/06/07	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/06/07	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/06/07	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/06/07	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/06/07	0.0030, RDL=0.0020 (1)		ug/L	
			Total Vanadium (V)	2025/06/07	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/06/07	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/06/07	ND, RDL=0.10		ug/L	
B975223	MEM	RPD	Total Aluminum (Al)	2025/06/07	0.48		%	20
			Total Antimony (Sb)	2025/06/07	15		%	20
			Total Arsenic (As)	2025/06/07	2.5		%	20
			Total Barium (Ba)	2025/06/07	1.9		%	20
			Total Beryllium (Be)	2025/06/07	4.0		%	20
			Total Bismuth (Bi)	2025/06/07	NC		%	20
			Total Boron (B)	2025/06/07	NC		%	20
			Total Cadmium (Cd)	2025/06/07	1.2		%	20
			Total Chromium (Cr)	2025/06/07	NC		%	20
			Total Cobalt (Co)	2025/06/07	0.19		%	20
			Total Copper (Cu)	2025/06/07	0.14		%	20
			Total Iron (Fe)	2025/06/07	0.30		%	20
			Total Lead (Pb)	2025/06/07	2.9		%	20
			Total Lithium (Li)	2025/06/07	2.9		%	20
			Total Manganese (Mn)	2025/06/07	0.50		%	20
			Total Molybdenum (Mo)	2025/06/07	0.94		%	20
			Total Nickel (Ni)	2025/06/07	5.8		%	20
			Total Phosphorus (P)	2025/06/07	15		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/06/07	6.5		%	20
			Total Silicon (Si)	2025/06/07	1.5		%	20
			Total Silver (Ag)	2025/06/07	NC		%	20
			Total Strontium (Sr)	2025/06/07	2.7		%	20
			Total Thallium (Tl)	2025/06/07	12		%	20
			Total Tin (Sn)	2025/06/07	NC		%	20
			Total Titanium (Ti)	2025/06/07	NC		%	20
			Total Uranium (U)	2025/06/07	3.1		%	20
			Total Vanadium (V)	2025/06/07	NC		%	20
			Total Zinc (Zn)	2025/06/07	1.1		%	20
			Total Zirconium (Zr)	2025/06/07	NC		%	20
B975254	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/06/05		86	%	80 - 120
B975254	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/06/05		109	%	80 - 120
B975254	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/06/05	ND, RDL=0.020		mg/L	
B975254	C2L	RPD	Nitrate plus Nitrite (N)	2025/06/05	NC		%	25
B975264	C2L	Matrix Spike	Nitrite (N)	2025/06/05		94	%	80 - 120
B975264	C2L	Spiked Blank	Nitrite (N)	2025/06/05		103	%	80 - 120
B975264	C2L	Method Blank	Nitrite (N)	2025/06/05	ND, RDL=0.0050		mg/L	
B975264	C2L	RPD	Nitrite (N)	2025/06/05	NC		%	20
B975414	JAV	Matrix Spike	Total Ammonia (N)	2025/06/05		100	%	80 - 120
B975414	JAV	Spiked Blank	Total Ammonia (N)	2025/06/05		103	%	80 - 120
B975414	JAV	Method Blank	Total Ammonia (N)	2025/06/05	ND, RDL=0.015		mg/L	
B975414	JAV	RPD	Total Ammonia (N)	2025/06/05	NC		%	20
B976001	GCM	Matrix Spike [DMH539-09]	Total Phosphorus (P)	2025/06/07		118	%	N/A
B976001	GCM	Spiked Blank	Total Phosphorus (P)	2025/06/07		110	%	80 - 120
B976001	GCM	Method Blank	Total Phosphorus (P)	2025/06/07	ND, RDL=0.0010		mg/L	
B976001	GCM	RPD [DMH539-09]	Total Phosphorus (P)	2025/06/07	NC		%	20
B976006	CBK	Spiked Blank	Dissolved Organic Carbon (C)	2025/06/05		100	%	80 - 120
B976006	CBK	Method Blank	Dissolved Organic Carbon (C)	2025/06/05	ND, RDL=0.50		mg/L	
B976031	IC4	Matrix Spike	Total Mercury (Hg)	2025/06/05		96	%	80 - 120
B976031	IC4	Spiked Blank	Total Mercury (Hg)	2025/06/05		97	%	80 - 120
B976031	IC4	Method Blank	Total Mercury (Hg)	2025/06/05	ND, RDL=0.0019		ug/L	
B976031	IC4	RPD	Total Mercury (Hg)	2025/06/05	18		%	20
B976484	SOM	Matrix Spike	Bromide (Br)	2025/06/06		100	%	78 - 120
B976484	SOM	Spiked Blank	Bromide (Br)	2025/06/06		89	%	80 - 120
B976484	SOM	Method Blank	Bromide (Br)	2025/06/06	ND, RDL=0.010		mg/L	
B976484	SOM	RPD	Bromide (Br)	2025/06/06	3.2		%	20
B976540	BTM	Matrix Spike [DMH537-01]	Total Suspended Solids	2025/06/09		105	%	80 - 120
B976540	BTM	Spiked Blank	Total Suspended Solids	2025/06/09		101	%	80 - 120
B976540	BTM	Method Blank	Total Suspended Solids	2025/06/09	ND, RDL=1.0		mg/L	
B976540	BTM	RPD	Total Suspended Solids	2025/06/09	NC		%	20
B976968	TSO	Matrix Spike [DMH539-09]	Total Nitrogen (N)	2025/06/09		105	%	80 - 120

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B976968	TSO	Spiked Blank	Total Nitrogen (N)	2025/06/09		102	%	80 - 120
B976968	TSO	Method Blank	Total Nitrogen (N)	2025/06/09	ND, RDL=0.020		mg/L	
B976968	TSO	RPD [DMH539-09]	Total Nitrogen (N)	2025/06/09	NC		%	20
B977043	JAV	Matrix Spike [DMH534-09]	Total Organic Carbon (C)	2025/06/06		102	%	80 - 120
B977043	JAV	Spiked Blank	Total Organic Carbon (C)	2025/06/06		99	%	80 - 120
B977043	JAV	Method Blank	Total Organic Carbon (C)	2025/06/06	ND, RDL=0.50		mg/L	
B977043	JAV	RPD [DMH534-09]	Total Organic Carbon (C)	2025/06/06	0.90		%	20
B977071	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/06/06		100	%	80 - 120
B977071	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/06		103	%	80 - 120
B977071	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/06	ND, RDL=0.050		mg/L	
B977071	CJY	RPD	Dissolved Fluoride (F)	2025/06/06	NC		%	20
B977102	IC4	Matrix Spike	Total Mercury (Hg)	2025/06/06		98	%	80 - 120
B977102	IC4	Spiked Blank	Total Mercury (Hg)	2025/06/06		103	%	80 - 120
B977102	IC4	Method Blank	Total Mercury (Hg)	2025/06/06	ND, RDL=0.0019		ug/L	
B977102	IC4	RPD	Total Mercury (Hg)	2025/06/06	3.8		%	20
B977119	MEM	Matrix Spike	Total Aluminum (Al)	2025/06/07		102	%	80 - 120
			Total Antimony (Sb)	2025/06/07		100	%	80 - 120
			Total Arsenic (As)	2025/06/07		104	%	80 - 120
			Total Barium (Ba)	2025/06/07		NC	%	80 - 120
			Total Beryllium (Be)	2025/06/07		103	%	80 - 120
			Total Bismuth (Bi)	2025/06/07		96	%	80 - 120
			Total Boron (B)	2025/06/07		101	%	80 - 120
			Total Cadmium (Cd)	2025/06/07		102	%	80 - 120
			Total Cesium (Cs)	2025/06/07		98	%	80 - 120
			Total Chromium (Cr)	2025/06/07		101	%	80 - 120
			Total Cobalt (Co)	2025/06/07		99	%	80 - 120
			Total Copper (Cu)	2025/06/07		98	%	80 - 120
			Total Iron (Fe)	2025/06/07		99	%	80 - 120
			Total Lead (Pb)	2025/06/07		98	%	80 - 120
			Total Lithium (Li)	2025/06/07		100	%	80 - 120
			Total Manganese (Mn)	2025/06/07		100	%	80 - 120
			Total Molybdenum (Mo)	2025/06/07		103	%	80 - 120
			Total Nickel (Ni)	2025/06/07		99	%	80 - 120
			Total Phosphorus (P)	2025/06/07		104	%	80 - 120
			Total Rubidium (Rb)	2025/06/07		102	%	80 - 120
			Total Selenium (Se)	2025/06/07		103	%	80 - 120
			Total Silicon (Si)	2025/06/07		102	%	80 - 120
			Total Silver (Ag)	2025/06/07		102	%	80 - 120
			Total Strontium (Sr)	2025/06/07		NC	%	80 - 120
			Total Tellurium (Te)	2025/06/07		101	%	80 - 120
			Total Thallium (Tl)	2025/06/07		98	%	80 - 120
			Total Thorium (Th)	2025/06/07		100	%	80 - 120
			Total Tin (Sn)	2025/06/07		99	%	80 - 120
			Total Titanium (Ti)	2025/06/07		105	%	80 - 120
			Total Uranium (U)	2025/06/07		103	%	80 - 120
			Total Vanadium (V)	2025/06/07		103	%	80 - 120
			Total Zinc (Zn)	2025/06/07		103	%	80 - 120
			Total Zirconium (Zr)	2025/06/07		101	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B977119	MEM	Spiked Blank	Total Aluminum (Al)	2025/06/07		101	%	80 - 120
			Total Antimony (Sb)	2025/06/07		99	%	80 - 120
			Total Arsenic (As)	2025/06/07		101	%	80 - 120
			Total Barium (Ba)	2025/06/07		99	%	80 - 120
			Total Beryllium (Be)	2025/06/07		100	%	80 - 120
			Total Bismuth (Bi)	2025/06/07		97	%	80 - 120
			Total Boron (B)	2025/06/07		98	%	80 - 120
			Total Cadmium (Cd)	2025/06/07		101	%	80 - 120
			Total Cesium (Cs)	2025/06/07		99	%	80 - 120
			Total Chromium (Cr)	2025/06/07		101	%	80 - 120
			Total Cobalt (Co)	2025/06/07		100	%	80 - 120
			Total Copper (Cu)	2025/06/07		100	%	80 - 120
			Total Iron (Fe)	2025/06/07		99	%	80 - 120
			Total Lead (Pb)	2025/06/07		99	%	80 - 120
			Total Lithium (Li)	2025/06/07		98	%	80 - 120
			Total Manganese (Mn)	2025/06/07		100	%	80 - 120
			Total Molybdenum (Mo)	2025/06/07		102	%	80 - 120
			Total Nickel (Ni)	2025/06/07		100	%	80 - 120
			Total Phosphorus (P)	2025/06/07		102	%	80 - 120
			Total Rubidium (Rb)	2025/06/07		102	%	80 - 120
			Total Selenium (Se)	2025/06/07		102	%	80 - 120
			Total Silicon (Si)	2025/06/07		104	%	80 - 120
			Total Silver (Ag)	2025/06/07		101	%	80 - 120
			Total Strontium (Sr)	2025/06/07		101	%	80 - 120
			Total Tellurium (Te)	2025/06/07		100	%	80 - 120
			Total Thallium (Tl)	2025/06/07		96	%	80 - 120
			Total Thorium (Th)	2025/06/07		98	%	80 - 120
			Total Tin (Sn)	2025/06/07		101	%	80 - 120
			Total Titanium (Ti)	2025/06/07		101	%	80 - 120
			Total Uranium (U)	2025/06/07		99	%	80 - 120
			Total Vanadium (V)	2025/06/07		101	%	80 - 120
			Total Zinc (Zn)	2025/06/07		103	%	80 - 120
			Total Zirconium (Zr)	2025/06/07		98	%	80 - 120
B977119	MEM	Method Blank	Total Aluminum (Al)	2025/06/07	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/06/07	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/06/07	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/06/07	ND, RDL=0.10		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cobalt (Co)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/06/07	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/06/07	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/06/07	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/06/07	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/06/07	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/06/07	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/06/07	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/06/07	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/06/07	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/06/07	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/06/07	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/06/07	0.0020, RDL=0.0020 (1)		ug/L	
			Total Vanadium (V)	2025/06/07	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/06/07	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/06/07	ND, RDL=0.10		ug/L	
B977119	MEM	RPD	Total Aluminum (Al)	2025/06/07	2.2		%	20
			Total Antimony (Sb)	2025/06/07	3.2		%	20
			Total Arsenic (As)	2025/06/07	2.9		%	20
			Total Barium (Ba)	2025/06/07	1.2		%	20
			Total Beryllium (Be)	2025/06/07	NC		%	20
			Total Bismuth (Bi)	2025/06/07	NC		%	20
			Total Boron (B)	2025/06/07	NC		%	20
			Total Cadmium (Cd)	2025/06/07	0.38		%	20

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			Total Chromium (Cr)	2025/06/07	NC		%	20
			Total Cobalt (Co)	2025/06/07	5.7		%	20
			Total Copper (Cu)	2025/06/07	3.0		%	20
			Total Iron (Fe)	2025/06/07	0.58		%	20
			Total Lead (Pb)	2025/06/07	0		%	20
			Total Lithium (Li)	2025/06/07	NC		%	20
			Total Manganese (Mn)	2025/06/07	0.79		%	20
			Total Molybdenum (Mo)	2025/06/07	2.6		%	20
			Total Nickel (Ni)	2025/06/07	0.45		%	20
			Total Selenium (Se)	2025/06/07	1.5		%	20
			Total Silicon (Si)	2025/06/07	1.7		%	20
			Total Silver (Ag)	2025/06/07	NC		%	20
			Total Strontium (Sr)	2025/06/07	0.71		%	20
			Total Thallium (Tl)	2025/06/07	0		%	20
			Total Tin (Sn)	2025/06/07	NC		%	20
			Total Titanium (Ti)	2025/06/07	NC		%	20
			Total Uranium (U)	2025/06/07	1.7		%	20
			Total Vanadium (V)	2025/06/07	NC		%	20
			Total Zinc (Zn)	2025/06/07	2.8		%	20
			Total Zirconium (Zr)	2025/06/07	NC		%	20
B977303	BTM	Matrix Spike	Total Suspended Solids	2025/06/09		106	%	80 - 120
B977303	BTM	Spiked Blank	Total Suspended Solids	2025/06/09		100	%	80 - 120
B977303	BTM	Method Blank	Total Suspended Solids	2025/06/09	ND, RDL=1.0		mg/L	
B977303	BTM	RPD [DMH540-01]	Total Suspended Solids	2025/06/09	NC		%	20
B977328	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/06/06		NC	%	80 - 120
B977328	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/06		97	%	80 - 120
B977328	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/06	ND, RDL=0.050		mg/L	
B977328	CJY	RPD	Dissolved Fluoride (F)	2025/06/06	3.0		%	20
B977348	JLP	Matrix Spike	Chloride (Cl)	2025/06/06		115	%	80 - 120
			Sulphate (SO4)	2025/06/06		NC	%	80 - 120
B977348	JLP	Spiked Blank	Chloride (Cl)	2025/06/06		99	%	80 - 120
			Sulphate (SO4)	2025/06/06		93	%	80 - 120
B977348	JLP	Method Blank	Chloride (Cl)	2025/06/06	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/06/06	ND, RDL=1.0		mg/L	
B977348	JLP	RPD	Chloride (Cl)	2025/06/06	NC		%	20
			Sulphate (SO4)	2025/06/06	0.95		%	20
B977351	JLP	Matrix Spike	Chloride (Cl)	2025/06/06		104	%	80 - 120
			Sulphate (SO4)	2025/06/06		NC	%	80 - 120
B977351	JLP	Spiked Blank	Chloride (Cl)	2025/06/06		96	%	80 - 120
			Sulphate (SO4)	2025/06/06		94	%	80 - 120
B977351	JLP	Method Blank	Chloride (Cl)	2025/06/06	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/06/06	ND, RDL=1.0		mg/L	
B977351	JLP	RPD	Chloride (Cl)	2025/06/06	NC		%	20
			Sulphate (SO4)	2025/06/06	1.8		%	20
B977389	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/06/07		100	%	80 - 120
B977389	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/07		101	%	80 - 120

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B977389	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/07	ND, RDL=0.050		mg/L	
B977389	CJY	RPD	Dissolved Fluoride (F)	2025/06/07	0.95		%	20
B977776	JLP	Matrix Spike [DMH534-12]	Total Hex. Chromium (Cr 6+)	2025/06/07		96	%	80 - 120
B977776	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/06/07		117	%	80 - 120
B977776	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/06/07	ND, RDL=0.00099		mg/L	
B977776	JLP	RPD [DMH534-12]	Total Hex. Chromium (Cr 6+)	2025/06/07	NC		%	20
B979291	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/06/09		89	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/06/09		86	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/06/09		83	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/06/09		90	%	50 - 140
			Quinoline	2025/06/09		115	%	50 - 140
			Naphthalene	2025/06/09		74	%	50 - 140
			1-Methylnaphthalene	2025/06/09		77	%	50 - 140
			2-Methylnaphthalene	2025/06/09		72	%	50 - 140
			Acenaphthylene	2025/06/09		84	%	50 - 140
			Acenaphthene	2025/06/09		79	%	50 - 140
			Fluorene	2025/06/09		91	%	50 - 140
			Phenanthrene	2025/06/09		88	%	50 - 140
			Anthracene	2025/06/09		80	%	50 - 140
			Acridine	2025/06/09		98	%	50 - 140
			Fluoranthene	2025/06/09		72	%	50 - 140
			Pyrene	2025/06/09		66	%	50 - 140
			Benzo(a)anthracene	2025/06/09		84	%	50 - 140
			Chrysene	2025/06/09		83	%	50 - 140
			Benzo(b&j)fluoranthene	2025/06/09		85	%	50 - 140
			Benzo(k)fluoranthene	2025/06/09		89	%	50 - 140
			Benzo(a)pyrene	2025/06/09		83	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/06/09		85	%	50 - 140
			Dibenz(a,h)anthracene	2025/06/09		84	%	50 - 140
			Benzo(g,h,i)perylene	2025/06/09		84	%	50 - 140
B979291	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/06/09		89	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/06/09		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/06/09		84	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/06/09		95	%	50 - 140
			Quinoline	2025/06/09		112	%	50 - 140
			Naphthalene	2025/06/09		76	%	50 - 140
			1-Methylnaphthalene	2025/06/09		77	%	50 - 140
			2-Methylnaphthalene	2025/06/09		73	%	50 - 140
			Acenaphthylene	2025/06/09		87	%	50 - 140
			Acenaphthene	2025/06/09		81	%	50 - 140
			Fluorene	2025/06/09		94	%	50 - 140
			Phenanthrene	2025/06/09		89	%	50 - 140
			Anthracene	2025/06/09		84	%	50 - 140
			Acridine	2025/06/09		99	%	50 - 140
			Fluoranthene	2025/06/09		96	%	50 - 140
			Pyrene	2025/06/09		90	%	50 - 140
			Benzo(a)anthracene	2025/06/09		83	%	50 - 140
			Chrysene	2025/06/09		82	%	50 - 140
			Benzo(b&j)fluoranthene	2025/06/09		86	%	50 - 140
			Benzo(k)fluoranthene	2025/06/09		92	%	50 - 140

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			Benzo(a)pyrene	2025/06/09		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/06/09		87	%	50 - 140
			Dibenz(a,h)anthracene	2025/06/09		88	%	50 - 140
			Benzo(g,h,i)perylene	2025/06/09		87	%	50 - 140
B979291	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/06/09		93	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/06/09		82	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/06/09		68	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/06/09		74	%	50 - 140
			Quinoline	2025/06/09	ND, RDL=0.020		ug/L	
			Naphthalene	2025/06/09	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/06/09	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/06/09	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/06/09	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/06/09	ND, RDL=0.050		ug/L	
			Fluorene	2025/06/09	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/06/09	ND, RDL=0.050		ug/L	
			Anthracene	2025/06/09	ND, RDL=0.010		ug/L	
			Acridine	2025/06/09	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/06/09	ND, RDL=0.020		ug/L	
			Pyrene	2025/06/09	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/06/09	ND, RDL=0.010		ug/L	
			Chrysene	2025/06/09	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/06/09	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/06/09	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/06/09	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/06/09	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/06/09	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/06/09	ND, RDL=0.050		ug/L	
B979291	JP1	RPD	Quinoline	2025/06/09	NC		%	40
			Naphthalene	2025/06/09	NC		%	40
			1-Methylnaphthalene	2025/06/09	NC		%	40
			2-Methylnaphthalene	2025/06/09	NC		%	40
			Acenaphthylene	2025/06/09	NC		%	40
			Acenaphthene	2025/06/09	NC		%	40

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			Fluorene	2025/06/09	NC		%	40
			Phenanthrene	2025/06/09	NC		%	40
			Anthracene	2025/06/09	NC		%	40
			Acridine	2025/06/09	NC		%	40
			Fluoranthene	2025/06/09	NC		%	40
			Pyrene	2025/06/09	NC		%	40
			Benzo(a)anthracene	2025/06/09	NC		%	40
			Chrysene	2025/06/09	NC		%	40
			Benzo(b&j)fluoranthene	2025/06/09	NC		%	40
			Benzo(k)fluoranthene	2025/06/09	NC		%	40
			Benzo(a)pyrene	2025/06/09	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/06/09	NC		%	40
			Dibenz(a,h)anthracene	2025/06/09	NC		%	40
			Benzo(g,h,i)perylene	2025/06/09	NC		%	40
			Quinoline	2025/06/09	NC		%	40
			Naphthalene	2025/06/09	NC		%	40
			1-Methylnaphthalene	2025/06/09	NC		%	40
			2-Methylnaphthalene	2025/06/09	NC		%	40
			Acenaphthylene	2025/06/09	NC		%	40
			Acenaphthene	2025/06/09	NC		%	40
			Fluorene	2025/06/09	NC		%	40
			Phenanthrene	2025/06/09	NC		%	40
			Anthracene	2025/06/09	NC		%	40
			Acridine	2025/06/09	NC		%	40
			Fluoranthene	2025/06/09	NC		%	40
			Pyrene	2025/06/09	NC		%	40
			Benzo(a)anthracene	2025/06/09	NC		%	40
			Chrysene	2025/06/09	NC		%	40
			Benzo(b&j)fluoranthene	2025/06/09	NC		%	40
			Benzo(k)fluoranthene	2025/06/09	NC		%	40
			Benzo(a)pyrene	2025/06/09	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/06/09	NC		%	40
			Dibenz(a,h)anthracene	2025/06/09	NC		%	40
			Benzo(g,h,i)perylene	2025/06/09	NC		%	40
B979323	PN2	Matrix Spike	O-TERPHENYL (sur.)	2025/06/09		86	%	60 - 140
			EPH (C10-C19)	2025/06/09		82	%	60 - 140
			EPH (C19-C32)	2025/06/09		92	%	60 - 140
B979323	PN2	Spiked Blank	O-TERPHENYL (sur.)	2025/06/09		100	%	60 - 140
			EPH (C10-C19)	2025/06/09		87	%	70 - 130
			EPH (C19-C32)	2025/06/09		103	%	70 - 130
B979323	PN2	Method Blank	O-TERPHENYL (sur.)	2025/06/09		102	%	60 - 140
			EPH (C10-C19)	2025/06/09	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/06/09	ND, RDL=0.20		mg/L	
B979323	PN2	RPD	EPH (C10-C19)	2025/06/09	NC		%	30
			EPH (C19-C32)	2025/06/09	NC		%	30
B979570	KA5	Matrix Spike	Total Dissolved Solids	2025/06/10		102	%	80 - 120
B979570	KA5	Spiked Blank	Total Dissolved Solids	2025/06/10		97	%	80 - 120
B979570	KA5	Method Blank	Total Dissolved Solids	2025/06/10	ND, RDL=10		mg/L	
B979570	KA5	RPD	Total Dissolved Solids	2025/06/10	5.7		%	20
B979843	MDO	Matrix Spike	Phenols	2025/06/09		106	%	80 - 120

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B979843	MDO	Spiked Blank	Phenols	2025/06/09		105	%	80 - 120
B979843	MDO	Method Blank	Phenols	2025/06/09	ND, RDL=0.0015		mg/L	
B979843	MDO	RPD	Phenols	2025/06/09	NC		%	20
B980106	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/06/09		107	%	80 - 120
B980106	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/06/09		105	%	80 - 120
B980106	IC4	Method Blank	Dissolved Mercury (Hg)	2025/06/09	ND, RDL=0.0019		ug/L	
B980106	IC4	RPD	Dissolved Mercury (Hg)	2025/06/09	NC		%	20
B980524	NJD	Matrix Spike [DMH535-11]	Total Sulphide	2025/06/10		108	%	80 - 120
B980524	NJD	Spiked Blank	Total Sulphide	2025/06/10		95	%	80 - 120
B980524	NJD	Method Blank	Total Sulphide	2025/06/10	ND, RDL=0.0018		mg/L	
B980524	NJD	RPD [DMH534-11]	Total Sulphide	2025/06/10	NC		%	20
B980894	AAX	Matrix Spike [DMH535-15]	Methyl Sulfone (sur.)	2025/06/10		102	%	50 - 140
			Ethylene Glycol	2025/06/10		98	%	60 - 140
			Diethylene Glycol	2025/06/10		111	%	60 - 140
			Triethylene Glycol	2025/06/10		103	%	60 - 140
			Propylene Glycol	2025/06/10		99	%	60 - 140
B980894	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/06/10		96	%	50 - 140
			Ethylene Glycol	2025/06/10		96	%	70 - 130
			Diethylene Glycol	2025/06/10		107	%	70 - 130
			Triethylene Glycol	2025/06/10		103	%	70 - 130
			Propylene Glycol	2025/06/10		96	%	70 - 130
B980894	AAX	Method Blank	Methyl Sulfone (sur.)	2025/06/10		89	%	50 - 140
			Ethylene Glycol	2025/06/10	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/06/10	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/06/10	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/06/10	ND, RDL=5.0		mg/L	
B980894	AAX	RPD [DMH541-01]	Ethylene Glycol	2025/06/10	NC		%	30
			Diethylene Glycol	2025/06/10	NC		%	30
			Triethylene Glycol	2025/06/10	NC		%	30
			Propylene Glycol	2025/06/10	NC		%	30
B983198	AA1	Spiked Blank	Dissolved Arsenic (As)	2025/06/11		102	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B983198	AA1	Method Blank	Dissolved Arsenic (As)	2025/06/11	ND, RDL=0.020		ug/L	

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Method Blank exceeds acceptance limits - 2X RDL acceptable for low level metals determination.

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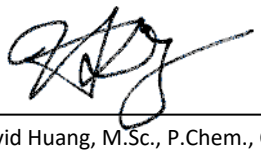
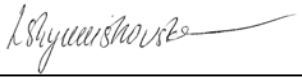
VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

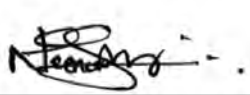


David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Kimberly Tamaki, Scientist, Ecotoxicology



Luba Shymushovska, B.Sc., QP, Senior Analyst, Organics



Neenu Jose, Project Solutions Representative

Suwan (Sze Yeung) Fock, B.Sc., Scientific Specialist

Bureau Veritas Certified by Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

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C550685
2025/06/03 17:16

Hatfield Consultants. eCOC only.

Maxxam No COC.

COR FCD-00295/4
Page 1 of 1

ADDITIONAL COOLER TEMPERATURE RECORD

CHAIN-OF-CUSTODY RECORD

CHAIN OF CUSTODY #	
Page __ of __	

COOLER OBSERVATIONS:

MAXXAM JOB#:

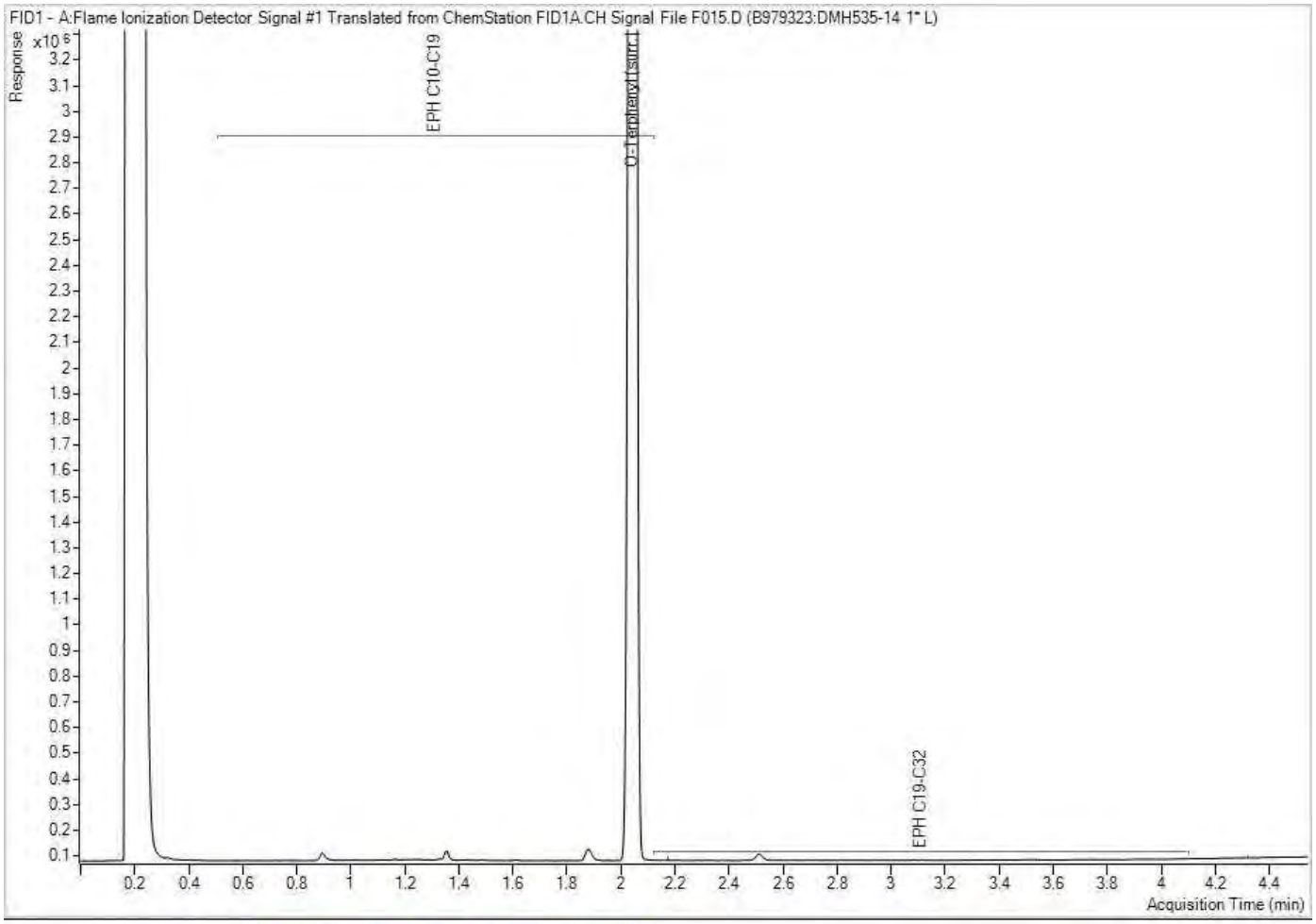
	YES	NO	COOLER ID			
CUSTODY SEAL PRESENT		✓				
INTACT		✓	TEMP	14	13	15
ICE PRESENT	✓			1	2	3
CUSTODY SEAL PRESENT		✓				
INTACT		✓	TEMP	12	12	17
ICE PRESENT	✓			1	2	3

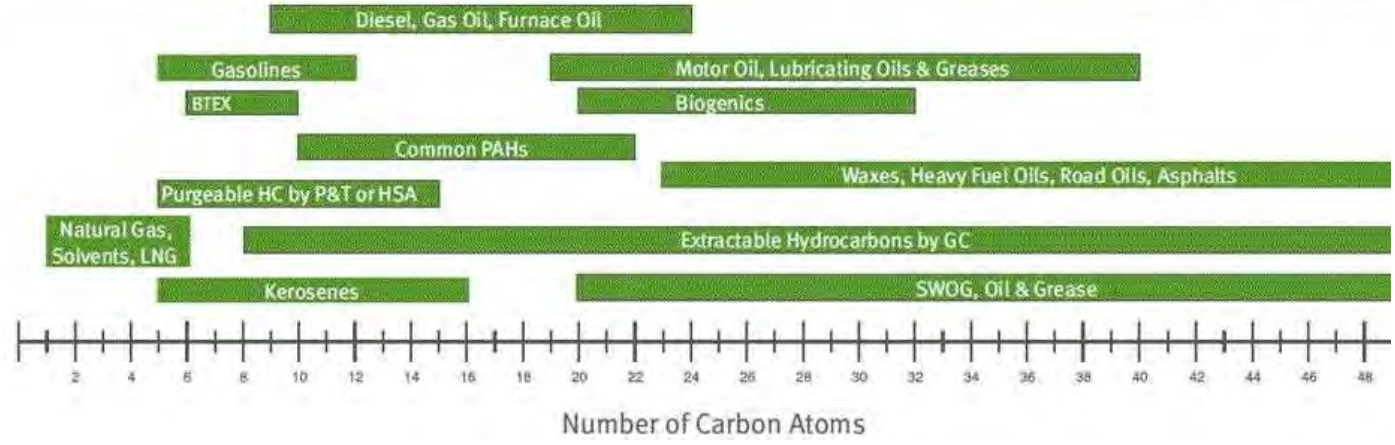
08552572

MVAN-2025-06-147

RECEIVED BY (SIGN & PRINT)	DATE (YYYY/MM/DD)	TIME (HH:MM)
Dickson Wong	2025/06/03	17:T6

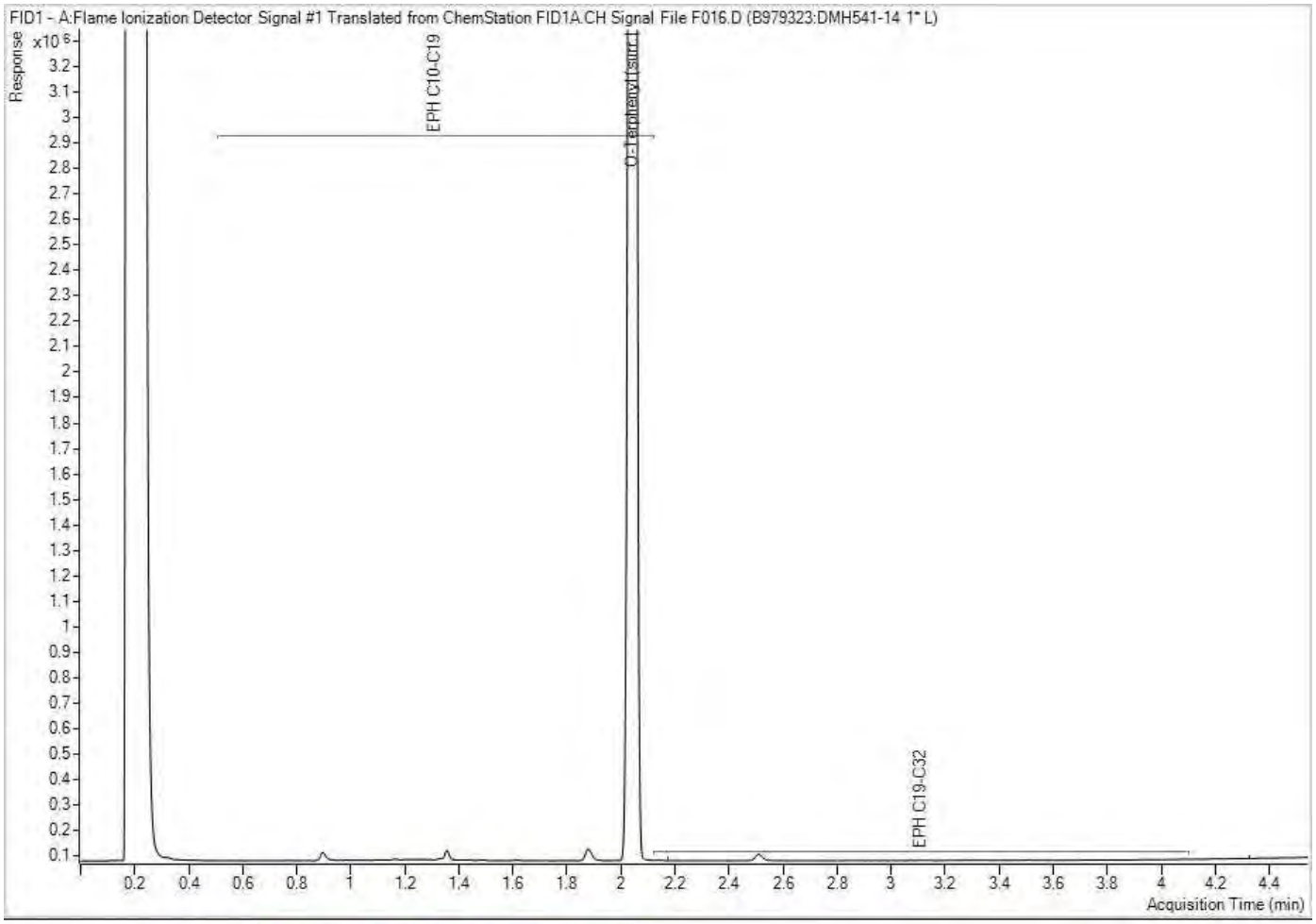
EPH in Water when PAH required Chromatogram

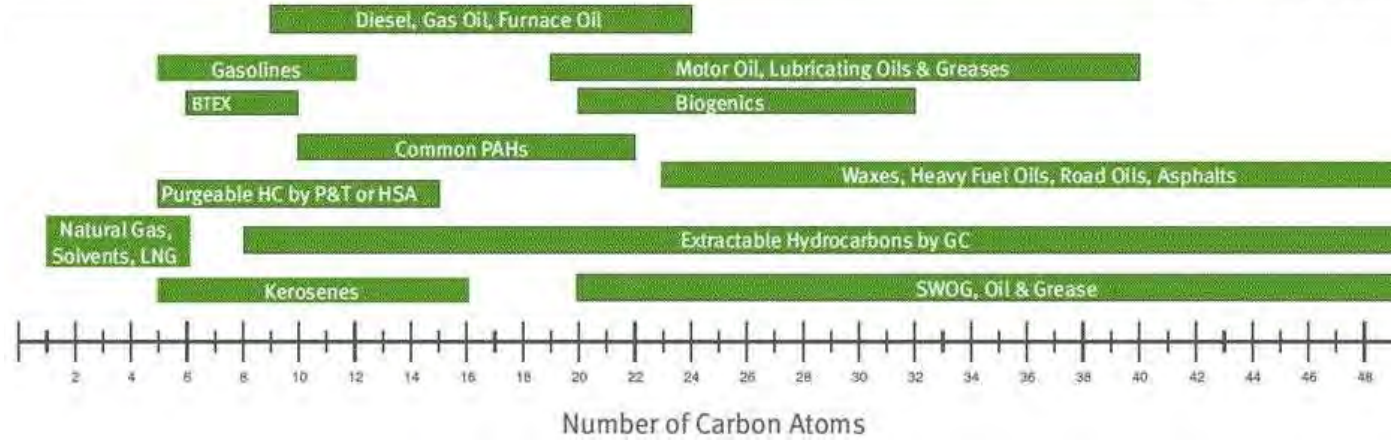




Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

EPH in Water when PAH required Chromatogram





Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

eCOC: W105990

Project Information:	C550685
Job Received:	2025/06/03 17:16
Expected TAT:	Standard TAT
Expected Arrival:	2025/06/03 18:00
Submitted By:	Arian Farajizadeh
Submitted To:	Burnaby ENV: 4606 Canada Way

Invoice Information

Attn: Accounts Payable
Fortis BC Energy Inc
16705 Fraser Hwy
Surrey , BC , V4N 0E8
Email to:
einvoices@fortisbc.com

Report Information

Attn: Jennifer Choyce
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com

Project Information

Quote #:	C50083
PO/AFE#:	4800010213
Project #:	Fortis11234/PE-110163
Site Location:	Woodfibre Pipeline Project

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/06/03	WATER	15	A				1
WLNG-EOP	2	2025/06/03	WATER	23	A	A		A	2
WLNG-US	3	2025/06/03	WATER	15	A				1
SQU-US	4	2025/06/03	WATER	15	A				1
SQU-DS	5	2025/06/03	WATER	15	A				1
Field Blank	6	2025/06/03	WATER	15			A		3
Trip Blank	7	2025/06/03	WATER	15			A		3
Duplicate	8	2025/06/03	WATER	19	A	A			4

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

Submission Information

# of Samples: 8

Details: Field measurements and time will be added through data sheets after sampling is done.

Sample Set Listing

Set 1 (4 samples)	Set 2 (1 sample)	Set 3 (2 samples)	Set 4 (1 sample)
WLNG-DS	WLNG-EOP	Field Blank	Duplicate
WLNG-US		Trip Blank	
SQU-US			
SQU-DS			

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C550685

Client Project Name & Number: WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163

Test Result:

96 hrs LC50 % vol/vol (95% CL): >100% (N/A) Statistical Method: Visual

Sample Name : WLNG-EOP

Description:	Clear and colourless.			Sample Number:	DMH535-16
Sample Collected:	Jun 03, 2025	Sampling Method :	N/A	Site Collection:	N/A
Sample Collected By:	N/A	Volume Received:	4 x ECO10	Avg Temp Arrival:	14 °C Storage: 2-6°C
Sample Received:	Jun 03, 2025 05:16 PM	pH:	7.6	Dissolved Oxygen:	10.0 mg/L
Analysis Start :	Jun 05, 2025 12:45 PM	Temperature :	15 °C	Sample Conductance:	135 µS/cm

Concentration	Temperature (°C)	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	pH	pH	Conductivity (uS/cm)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)
% vol/vol	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	96 hrs	96 hrs
0	15	15	10.2	9.7	7.6	7.3	54	0	0	0
6.25	15	15	10.2	9.6	7.6	7.3	60	0	0	0
12.5	15	15	10.2	9.6	7.6	7.2	66	0	0	0
25	15	15	10.2	9.7	7.6	7.3	76	0	0	0
50	15	15	10.1	9.6	7.6	7.3	93	0	0	0
100	15	15	10.1	9.6	7.5	7.3	136	0	0	0

Comments : All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.

Culture/Control/Dilution Water Burnaby Municipal Dechlorinated Water

Hardness: 23 mg/L $CaCO_3$ Other parameters available on request.

Test Conditions Test concentration : 0,6.25,12.5,25,50,100 (% vol/vol)

Organisms per Vessel :	10	Test Temperature :	15 ± 1 °C	Solution Depth :	>15 cm
Total # of Organisms Used :	60	Pre-aeration Time :	30 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	15 L	Vessel Volume :	20L	Test pH Adjusted:	No
Loading Density :	0.3 g/L	Photoperiod :	16:8 (light: dark)		

Test Organism : Rainbow Trout *(Oncorhynchus mykiss)* Source : Aqua Farm

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.4 ± 0.2 g	Length (Mean) +- SD :	3.84 ± 0.41 cm
Culture Water Renewal :	≥ 1L/min/kg fish	Weight (Range) :	0.3 – 0.8 g	Length (Range) :	3.40 – 4.70 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Zinc Test Date: May 29, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.20 (0.15, 0.26)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 0.16 (0.09, 0.31) mg/L Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

Test Method BV Lab's BBY2SOP-00004 is based on the latest version of EPS 1/RM9 and EPS 1 /RM13.

Method Deviations : None.

Analyst : Larissa dos Santos Soares, Rachel Sakurdeep

Verified By : Kimberly Tamaki, Scientist, Ecotoxicology Date: Jun 17, 2025 10:15 AM