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	2025-05-06	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-05-06	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.

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 May 6th, one of the two duplicate EOP samples exceeded the dissolved copper BC short-term WQGFAL by a factor of 2.8 times (i.e., 0.00339 mg/L, relative a guideline of 0.0012 mg/L), but a second duplicate (0.000698 mg/L) showed a concentration ~5x lower (and which was well below the guideline). Of note is that the acute BC WQGPAL includes an uncertainty factor of 2.

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	2025-05-05	Yes-Appendix C	2,863m^3
Woodfibre	2025-05-06	Yes-Appendix C	2,768m^3
Woodfibre	2025-05-07	Yes-Appendix C	2,848m^3
Woodfibre	2025-05-08	Yes-Appendix C	2,750m^3
Woodfibre	2025-05-09	Yes-Appendix C	2,657m^3
Woodfibre	2025-05-10	Yes-Appendix C	2,614m^3
Woodfibre	2025-05-11	Yes-Appendix C	2,640m^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	2025-05-06	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	2025-05-06	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 2025-05-06 14:10:00**	**SQU DS 2025-05-06 14:30:00**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			7.18	**6.6**
Field Temperature	**°C**	18	19					11.9	13.9
General Parameters									
pH	**pH Units**							6.51	6.45
Alkalinity (Total as $CaCO_3$)	**mg/L**							11	11
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							12	12.9
Hardness ($CaCO_3$)-Dissolved	**mg/L**							12.7	12
Sulphide-Total	**mg/L**							<0.0018	0.0029
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	**0.0031**
Un-ionized Hydrogen Sulfide as H_2S-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**	1.78	17.3		20	131		0.038	0.028
Bicarbonate (HCO_3)	**mg/L**							14	14
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8	3.7				0.027	0.033
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.027	0.033
Nitrogen (N)-Total	**mg/L**							0.164	0.147
Phosphorus (P)-Total (4500-P)	**mg/L**							0.02	0.02
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					1.4	1.2
Fluoride (F)	**mg/L**		0.482			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						3.4	3.3

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).

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

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.

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 2025-05-06 14:10:00**	**SQU DS 2025-05-06 14:30:00**
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.028027						**0.156**	**0.204**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000115	0.000122
Barium (Ba)-Total	**mg/L**			1				0.0072	0.00824
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.00001	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	**mg/L**						0.00012	0.000007	0.0000088
Calcium (Ca)-Total	**mg/L**							4.05	4.31
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Total	**mg/L**							0.00017	0.00013
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**	0.000212						0.000096	0.000118
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00086	0.00103
Iron (Fe)-Total	**mg/L**		1					0.166	0.199
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000043	0.000046
Lithium (Li)-Total	**mg/L**							0.00072	0.00079
Magnesium (Mg)-Total	**mg/L**							0.46	0.53
Manganese (Mn)-Total	**mg/L**	0.658	0.672				0.1	0.00631	0.00776
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.00041	0.000446
Nickel (Ni)-Total	**mg/L**						0.0083	0.00012	0.00017
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.022	0.0209
Potassium (K)-Total	**mg/L**							0.41	0.48
Rubidium (Rb)-Total	**mg/L**							0.000801	0.000839
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							3.16	3.29
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							1.33	1.45
Strontium (Sr)-Total	**mg/L**							0.026	0.0283

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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Total Metals (cont'd.)									
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000022	0.0000037
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.0065	0.0096
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000298	0.0000448
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00095	0.00106
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0013	0.0017
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0329	0.0319
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000102	0.000099
Barium (Ba)-Dissolved	**mg/L**							0.00571	0.00571
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**	0.000044	0.000066					0.0000072	0.0000082
Calcium (Ca)-Dissolved	**mg/L**							4.36	4.13
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000382	0.0000393
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000628**	**0.000654**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0485	0.0365
Lead (Pb)-Dissolved	**mg/L**	0.001564						<0.000005	0.0000064
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00051
Manganese (Mn)-Dissolved	**mg/L**							0.00381	0.00382
Magnesium (Mg)-Dissolved	**mg/L**							0.433	0.41
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000446	0.000434

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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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.

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Dissolved Metals (cont'd.)									
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0093					0.000087	0.000093
Phosphorus (P)-Dissolved	**mg/L**							0.0094	0.0055
Potassium (K)-Dissolved	**mg/L**							0.414	0.432
Rubidium (Rb)-Dissolved	**mg/L**							0.000607	0.000603
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							3.09	2.88
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.39	1.39
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0255	0.0246
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	0.0000054
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000229	0.0000285
Vanadium (V)-Dissolved	**mg/L**							0.00073	0.00079
Zinc (Zn)-Dissolved	**mg/L**	0.003412	0.008166					0.00068	0.00065
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.4	1.4
Organic Carbon (C)-Dissolved	**mg/L**							1.5	1.4
Solids-Total Dissolved	**mg/L**							38	38
Solids-Total Suspended	**mg/L**	12.2	32.2					8	7.2

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).

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

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BCR Site Receiving Environment Field Notes and Logs

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-05 00:00:00	7.04	32.62		7.14	13.04	11.05
SQU-DS	2025-05-05 00:15:00	6.97	32.58		7.25	13.06	9.94
SQU-DS	2025-05-05 00:30:00	6.91	32.59		7.09	13.05	12.79
SQU-DS	2025-05-05 00:45:00	6.82	32.47		7.23	13.09	8.09
SQU-DS	2025-05-05 01:00:00	6.76	32.28		7.17	13.11	6.96
SQU-DS	2025-05-05 01:15:00	6.67	32.40		7.28	13.13	7.69
SQU-DS	2025-05-05 01:30:00	6.59	32.42		7.27	13.15	6.84
SQU-DS	2025-05-05 01:45:00	6.53	32.58		7.19	13.16	10.59
SQU-DS	2025-05-05 02:00:00	6.46	32.69		7.11	13.19	9.42
SQU-DS	2025-05-05 02:15:00	6.38	33.05		7.10	13.18	7.51
SQU-DS	2025-05-05 02:30:00	6.33	33.30		7.16	13.21	7.43
SQU-DS	2025-05-05 02:45:00	6.28	33.67		7.27	13.20	7.61
SQU-DS	2025-05-05 03:00:00	6.24	33.92		7.29	13.20	7.77
SQU-DS	2025-05-05 03:15:00	6.19	33.97		7.28	13.23	5.68
SQU-DS	2025-05-05 03:30:00	6.16	33.92		7.28	13.24	8.49
SQU-DS	2025-05-05 03:45:00	6.12	34.16		7.27	13.23	6.95
SQU-DS	2025-05-05 04:00:00	6.08	34.29		7.07	13.24	8.36
SQU-DS	2025-05-05 04:15:00	6.03	34.21		7.14	13.28	7.96
SQU-DS	2025-05-05 04:30:00	6.00	34.34		7.25	13.25	6.54
SQU-DS	2025-05-05 04:45:00	5.97	34.32		7.26	13.27	6.67
SQU-DS	2025-05-05 05:00:00	5.93	34.16		7.24	13.27	8.65
SQU-DS	2025-05-05 05:15:00	5.91	34.03		7.23	13.27	7.23
SQU-DS	2025-05-05 05:30:00	5.86	33.91		7.22	13.28	9.14
SQU-DS	2025-05-05 05:45:00	5.84	33.94		7.25	13.27	19.20
SQU-DS	2025-05-05 06:00:00	5.80	33.76		7.21	13.28	9.24
SQU-DS	2025-05-05 06:15:00	5.79	33.81		7.23	13.31	6.67
SQU-DS	2025-05-05 06:30:00	5.76	33.80		7.24	13.28	6.10
SQU-DS	2025-05-05 06:45:00	5.74	33.74		7.20	13.32	10.36
SQU-DS	2025-05-05 07:00:00	5.71	33.65		7.22	13.34	7.21
SQU-DS	2025-05-05 07:15:00	5.69	33.79		7.26	13.38	9.55
SQU-DS	2025-05-05 07:30:00	5.67	33.81		7.19	13.40	8.15
SQU-DS	2025-05-05 07:45:00	5.66	33.76		7.24	13.41	10.13
SQU-DS	2025-05-05 08:00:00	5.67	33.86		7.23	13.43	7.97
SQU-DS	2025-05-05 08:15:00	5.70	33.84		7.23	13.44	6.35
SQU-DS	2025-05-05 08:30:00	5.74	33.84		7.19	13.46	11.17
SQU-DS	2025-05-05 08:45:00	5.77	33.65		7.22	13.47	8.37
SQU-DS	2025-05-05 09:00:00	5.82	33.84		7.24	13.47	8.75
SQU-DS	2025-05-05 09:15:00	5.88	33.87		7.26	13.49	7.86
SQU-DS	2025-05-05 09:30:00	5.96	34.23		7.24	13.47	7.40
SQU-DS	2025-05-05 09:45:00	6.03	34.40		7.24	13.49	7.29
SQU-DS	2025-05-05 10:00:00	6.08	34.60		7.24	13.48	7.84
SQU-DS	2025-05-05 10:15:00	6.14	34.78		7.26	13.47	6.42
SQU-DS	2025-05-05 10:30:00	6.22	34.75		7.27	13.48	6.99
SQU-DS	2025-05-05 10:45:00	6.29	34.81		7.27	13.48	7.98
SQU-DS	2025-05-05 11:00:00	6.39	34.71		7.27	13.46	6.67
SQU-DS	2025-05-05 11:15:00	6.47	34.67		7.28	13.45	6.43
SQU-DS	2025-05-05 11:30:00	6.58	34.63		7.27	13.43	8.10
SQU-DS	2025-05-05 11:45:00	6.68	34.61		7.27	13.43	6.89
SQU-DS	2025-05-05 12:00:00	6.78	34.30		7.26	13.41	7.44
SQU-DS	2025-05-05 12:15:00	6.84	34.36		7.27	13.40	6.83
SQU-DS	2025-05-05 12:30:00	6.93	34.69		7.27	13.39	6.38
SQU-DS	2025-05-05 12:45:00	7.03	34.67		7.28	13.37	6.75
SQU-DS	2025-05-05 13:00:00	7.12	34.56		7.29	13.35	8.34
SQU-DS	2025-05-05 13:15:00	7.21	34.70		7.28	13.34	6.97
SQU-DS	2025-05-05 13:30:00	7.31	35.21		7.28	13.31	7.72

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-05 13:45:00	7.42	35.04		7.27	13.29	5.39
SQU-DS	2025-05-05 14:00:00	7.49	35.04		7.29	13.27	8.35
SQU-DS	2025-05-05 14:15:00	7.60	34.76		7.28	13.23	6.15
SQU-DS	2025-05-05 14:30:00	7.65	34.82		7.29	13.26	7.66
SQU-DS	2025-05-05 14:45:00	7.75	35.06		7.28	13.21	8.78
SQU-DS	2025-05-05 15:00:00	7.87	35.55		7.24	13.18	7.47
SQU-DS	2025-05-05 15:15:00	7.96	35.69		7.29	13.12	8.02
SQU-DS	2025-05-05 15:30:00	8.04	35.51		7.31	13.14	7.15
SQU-DS	2025-05-05 15:45:00	8.13	35.58		7.27	13.09	7.29
SQU-DS	2025-05-05 16:00:00	8.21	35.71		7.27	13.07	6.06
SQU-DS	2025-05-05 16:15:00	8.29	35.63		7.28	13.05	9.02
SQU-DS	2025-05-05 16:30:00	8.33	35.64		7.27	13.04	9.25
SQU-DS	2025-05-05 16:45:00	8.37	35.75		7.26	13.01	7.01
SQU-DS	2025-05-05 17:00:00	8.41	35.69		7.28	13.04	7.13
SQU-DS	2025-05-05 17:15:00	8.45	35.57		7.29	12.97	7.27
SQU-DS	2025-05-05 17:30:00	8.49	35.63		7.29	12.96	7.61
SQU-DS	2025-05-05 17:45:00	8.51	35.88		7.27	12.95	8.04
SQU-DS	2025-05-05 18:00:00	8.48	36.07		7.21	12.91	8.77
SQU-DS	2025-05-05 18:15:00	8.48	35.96		7.24	12.89	8.62
SQU-DS	2025-05-05 18:30:00	8.47	36.01		7.27	12.87	8.17
SQU-DS	2025-05-05 18:45:00	8.47	35.96		7.29	12.87	5.77
SQU-DS	2025-05-05 19:00:00	8.44	36.18		7.26	12.83	7.93
SQU-DS	2025-05-05 19:15:00	8.43	36.18		7.28	12.82	9.22
SQU-DS	2025-05-05 19:30:00	8.39	36.16		7.29	12.80	7.40
SQU-DS	2025-05-05 19:45:00	8.37	36.51		7.26	12.77	5.71
SQU-DS	2025-05-05 20:00:00	8.35	36.46		7.29	12.75	8.14
SQU-DS	2025-05-05 20:15:00	8.32	36.45		7.26	12.73	7.98
SQU-DS	2025-05-05 20:30:00	8.31	36.60		7.26	12.70	7.60
SQU-DS	2025-05-05 20:45:00	8.29	36.64		7.27	12.68	11.38
SQU-DS	2025-05-05 21:00:00	8.27	36.70		7.27	12.66	6.57
SQU-DS	2025-05-05 21:15:00	8.27	36.75		7.29	12.65	7.06
SQU-DS	2025-05-05 21:30:00	8.24	36.81		7.27	12.64	6.21
SQU-DS	2025-05-05 21:45:00	8.23	36.90		7.23	12.63	10.64
SQU-DS	2025-05-05 22:00:00	8.21	36.92		7.28	12.61	9.97
SQU-DS	2025-05-05 22:15:00	8.19	36.97		7.26	12.61	8.71
SQU-DS	2025-05-05 22:30:00	8.19	36.83		7.28	12.64	6.87
SQU-DS	2025-05-05 22:45:00	8.16	37.08		7.26	12.59	7.72
SQU-DS	2025-05-05 23:00:00	8.13	36.76		7.26	12.60	8.66
SQU-DS	2025-05-05 23:15:00	8.08	36.97		7.25	12.62	7.25
SQU-DS	2025-05-05 23:30:00	8.03	36.69		7.28	12.63	7.12
SQU-DS	2025-05-05 23:45:00	7.98	36.74		7.25	12.65	6.94
SQU-DS	2025-05-06 00:00:00	7.92	36.47		7.27	12.67	8.06
SQU-DS	2025-05-06 00:15:00	7.84	36.51		7.27	12.68	8.11
SQU-DS	2025-05-06 00:30:00	7.77	36.33		7.21	12.70	8.56
SQU-DS	2025-05-06 00:45:00	7.68	36.03		7.28	12.71	6.57
SQU-DS	2025-05-06 01:00:00	7.60	35.79		7.29	12.76	7.51
SQU-DS	2025-05-06 01:15:00	7.50	35.71		7.20	12.79	6.11
SQU-DS	2025-05-06 01:30:00	7.45	35.69		7.29	12.79	5.07
SQU-DS	2025-05-06 01:45:00	7.36	35.58		7.28	12.83	7.74
SQU-DS	2025-05-06 02:00:00	7.27	35.61		7.18	12.83	5.58
SQU-DS	2025-05-06 02:15:00	7.21	35.58		7.30	12.88	6.50
SQU-DS	2025-05-06 02:30:00	7.14	35.72		7.18	12.87	4.59
SQU-DS	2025-05-06 02:45:00	7.06	35.87		7.09	12.89	5.28
SQU-DS	2025-05-06 03:00:00	7.00	35.85		7.12	12.93	6.35
SQU-DS	2025-05-06 03:15:00	6.93	36.17		6.90	12.93	7.94

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-06 03:30:00	6.90	36.71		7.19	12.92	4.97
SQU-DS	2025-05-06 03:45:00	6.85	36.97		7.29	12.93	5.18
SQU-DS	2025-05-06 04:00:00	6.80	36.66		7.30	12.94	5.04
SQU-DS	2025-05-06 04:15:00	6.75	36.58		7.29	12.95	7.20
SQU-DS	2025-05-06 04:30:00	6.69	36.93		7.23	12.95	6.21
SQU-DS	2025-05-06 04:45:00	6.65	37.27		7.26	12.97	5.54
SQU-DS	2025-05-06 05:00:00	6.60	36.49		7.30	12.99	6.76
SQU-DS	2025-05-06 05:15:00	6.55	36.48		7.28	12.99	5.57
SQU-DS	2025-05-06 05:30:00	6.52	36.33		7.28	13.01	7.85
SQU-DS	2025-05-06 05:45:00	6.48	36.09		7.27	13.02	5.07
SQU-DS	2025-05-06 06:00:00	6.43	36.10		7.25	13.01	7.90
SQU-DS	2025-05-06 06:15:00	6.40	35.84		7.24	13.02	8.21
SQU-DS	2025-05-06 06:30:00	6.37	35.91		7.23	13.02	6.55
SQU-DS	2025-05-06 06:45:00	6.34	35.57		7.22	13.05	7.55
SQU-DS	2025-05-06 07:00:00	6.30	35.47		7.24	13.06	8.97
SQU-DS	2025-05-06 07:15:00	6.29	35.35		7.25	13.10	5.06
SQU-DS	2025-05-06 07:30:00	6.27	35.31		7.25	13.11	5.35
SQU-DS	2025-05-06 07:45:00	6.27	35.09		7.24	13.13	6.21
SQU-DS	2025-05-06 08:00:00	6.27	35.06		7.25	13.15	5.55
SQU-DS	2025-05-06 08:15:00	6.29	35.03		7.25	13.18	6.94
SQU-DS	2025-05-06 08:30:00	6.29	34.98		7.25	13.20	5.91
SQU-DS	2025-05-06 08:45:00	6.33	35.01		7.26	13.21	8.06
SQU-DS	2025-05-06 09:00:00	6.38	35.05		7.22	13.22	7.38
SQU-DS	2025-05-06 09:15:00	6.41	34.85		7.25	13.22	6.11
SQU-DS	2025-05-06 09:30:00	6.48	34.83		7.27	13.23	7.59
SQU-DS	2025-05-06 09:45:00	6.54	35.16		7.27	13.21	5.80
SQU-DS	2025-05-06 10:00:00	6.60	35.31		7.20	13.23	8.44
SQU-DS	2025-05-06 10:15:00	6.68	35.31		7.26	13.22	6.08
SQU-DS	2025-05-06 10:30:00	6.74	35.22		7.27	13.24	7.30
SQU-DS	2025-05-06 10:45:00	6.82	35.51		7.27	13.22	7.00
SQU-DS	2025-05-06 11:00:00	6.89	35.11		7.26	13.21	8.12
SQU-DS	2025-05-06 11:15:00	6.97	35.09		7.30	13.21	5.36
SQU-DS	2025-05-06 11:30:00	7.05	35.04		7.28	13.21	7.49
SQU-DS	2025-05-06 11:45:00	7.14	35.22		7.27	13.21	11.11
SQU-DS	2025-05-06 12:00:00	7.24	35.05		7.30	13.21	6.57
SQU-DS	2025-05-06 12:15:00	7.32	34.76		7.29	13.21	6.32
SQU-DS	2025-05-06 12:30:00	7.39	34.56		7.30	13.21	4.96
SQU-DS	2025-05-06 12:45:00	7.46	34.55		7.30	13.20	6.64
SQU-DS	2025-05-06 13:00:00	7.58	34.70		7.25	13.17	6.50
SQU-DS	2025-05-06 13:15:00	7.69	34.99		7.29	13.12	6.61
SQU-DS	2025-05-06 13:30:00	7.80	34.85		7.29	13.11	6.83
SQU-DS	2025-05-06 13:45:00	7.90	34.57		7.26	13.12	6.68
SQU-DS	2025-05-06 14:00:00	8.02	34.47		7.30	13.09	5.28
SQU-DS	2025-05-06 14:15:00	8.11	34.60		7.32	13.06	7.50
SQU-DS	2025-05-06 14:30:00	8.21	34.59		7.31	13.03	5.73
SQU-DS	2025-05-06 14:45:00	8.31	34.94		7.31	13.01	5.92
SQU-DS	2025-05-06 15:00:00	8.41	34.66		7.32	12.98	7.03
SQU-DS	2025-05-06 15:15:00	8.51	34.63		7.30	12.96	4.92
SQU-DS	2025-05-06 15:30:00	8.60	34.60		7.31	12.92	5.31
SQU-DS	2025-05-06 15:45:00	8.66	35.02		7.32	12.90	5.60
SQU-DS	2025-05-06 16:00:00	8.71	35.10		7.29	12.88	6.97
SQU-DS	2025-05-06 16:15:00	8.72	35.09		7.30	12.84	9.81
SQU-DS	2025-05-06 16:30:00	8.75	35.17		7.25	12.84	6.12
SQU-DS	2025-05-06 16:45:00	8.76	35.23		7.30	12.82	7.92
SQU-DS	2025-05-06 17:00:00	8.76	35.29		7.32	12.77	7.49

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-06 17:15:00	8.76	35.39		7.30	12.74	8.65
SQU-DS	2025-05-06 17:30:00	8.77	35.34		7.29	12.75	6.05
SQU-DS	2025-05-06 17:45:00	8.77	35.68		7.30	12.70	7.57
SQU-DS	2025-05-06 18:00:00	8.79	35.37		7.29	12.70	5.92
SQU-DS	2025-05-06 18:15:00	8.81	35.52		7.28	12.67	7.95
SQU-DS	2025-05-06 18:30:00	8.84	35.34		7.31	12.64	5.64
SQU-DS	2025-05-06 18:45:00	8.86	35.50		7.31	12.60	6.21
SQU-DS	2025-05-06 19:00:00	8.88	35.62		7.28	12.57	13.26
SQU-DS	2025-05-06 19:15:00	8.90	35.63		7.31	12.56	5.88
SQU-DS	2025-05-06 19:30:00	8.91	35.71		7.31	12.52	7.29
SQU-DS	2025-05-06 19:45:00	8.93	35.60		7.29	12.50	6.25
SQU-DS	2025-05-06 20:00:00	8.94	35.66		7.30	12.48	8.30
SQU-DS	2025-05-06 20:15:00	8.93	35.70		7.21	12.48	8.93
SQU-DS	2025-05-06 20:30:00	8.93	35.63		7.31	12.46	11.30
SQU-DS	2025-05-06 20:45:00	8.90	35.79		7.30	12.44	6.42
SQU-DS	2025-05-06 21:00:00	8.88	35.76		7.28	12.42	6.64
SQU-DS	2025-05-06 21:15:00	8.87	35.74		7.26	12.39	6.55
SQU-DS	2025-05-06 21:30:00	8.86	35.66		7.22	12.37	17.84
SQU-DS	2025-05-06 21:45:00	8.82	35.70		7.29	12.37	8.99
SQU-DS	2025-05-06 22:00:00	8.76	35.79		7.27	12.38	6.87
SQU-DS	2025-05-06 22:15:00	8.71	35.64		7.25	12.39	9.06
SQU-DS	2025-05-06 22:30:00	8.66	35.26		7.27	12.38	10.17
SQU-DS	2025-05-06 22:45:00	8.61	35.11		7.27	12.39	7.36
SQU-DS	2025-05-06 23:00:00	8.55	35.14		7.27	12.40	7.18
SQU-DS	2025-05-06 23:15:00	8.46	34.96		7.25	12.42	10.39
SQU-DS	2025-05-06 23:30:00	8.39	34.83		7.28	12.45	8.78
SQU-DS	2025-05-06 23:45:00	8.31	34.64		7.24	12.47	10.86
SQU-DS	2025-05-07 00:00:00	8.23	34.65		7.24	12.48	7.99
SQU-DS	2025-05-07 00:15:00	8.16	34.34		7.27	12.52	8.38
SQU-DS	2025-05-07 00:30:00	8.08	34.48		7.24	12.54	8.11
SQU-DS	2025-05-07 00:45:00	8.01	34.09		7.27	12.57	13.46
SQU-DS	2025-05-07 01:00:00	7.92	34.00		7.28	12.61	8.85
SQU-DS	2025-05-07 01:15:00	7.85	33.78		7.24	12.64	9.08
SQU-DS	2025-05-07 01:30:00	7.78	33.56		7.29	12.66	11.24
SQU-DS	2025-05-07 01:45:00	7.71	33.21		6.96	12.70	19.08
SQU-DS	2025-05-07 02:00:00	7.63	32.79		7.25	12.73	7.90
SQU-DS	2025-05-07 02:15:00	7.56	32.58		7.07	12.74	10.71
SQU-DS	2025-05-07 02:30:00	7.52	32.53		7.31	12.74	6.63
SQU-DS	2025-05-07 02:45:00	7.46	32.47		7.31	12.79	5.88
SQU-DS	2025-05-07 03:00:00	7.39	32.12		7.18	12.80	8.02
SQU-DS	2025-05-07 03:15:00	7.32	32.02		7.25	12.81	6.37
SQU-DS	2025-05-07 03:30:00	7.26	32.12		7.03	12.83	12.36
SQU-DS	2025-05-07 03:45:00	7.21	31.89		7.19	12.84	9.25
SQU-DS	2025-05-07 04:00:00	7.17	32.17		7.23	12.85	6.66
SQU-DS	2025-05-07 04:15:00	7.13	32.00		7.28	12.86	9.08
SQU-DS	2025-05-07 04:30:00	7.09	32.15		7.00	12.86	7.15
SQU-DS	2025-05-07 04:45:00	7.05	31.84		6.91	12.88	12.98
SQU-DS	2025-05-07 05:00:00	7.01	31.89		7.23	12.90	7.50
SQU-DS	2025-05-07 05:15:00	6.98	31.86		7.29	12.90	8.40
SQU-DS	2025-05-07 05:30:00	6.96	31.59		7.27	12.91	7.32
SQU-DS	2025-05-07 05:45:00	6.92	31.32		7.27	12.90	8.66
SQU-DS	2025-05-07 06:00:00	6.89	31.30		7.20	12.92	6.52
SQU-DS	2025-05-07 06:15:00	6.86	31.06		7.22	12.93	6.54
SQU-DS	2025-05-07 06:30:00	6.85	30.93		7.28	12.95	8.42
SQU-DS	2025-05-07 06:45:00	6.85	30.82		7.28	12.94	9.44

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-07 07:00:00	6.81	30.61		7.27	12.95	7.84
SQU-DS	2025-05-07 07:15:00	6.79	30.49		7.25	12.97	79.63
SQU-DS	2025-05-07 07:30:00	6.77	30.37		7.28	12.99	10.99
SQU-DS	2025-05-07 07:45:00	6.75	30.37		7.27	13.00	9.82
SQU-DS	2025-05-07 08:00:00	6.72	30.28		7.25	13.01	8.79
SQU-DS	2025-05-07 08:15:00	6.71	30.45		7.27	13.02	8.32
SQU-DS	2025-05-07 08:30:00	6.70	30.27		7.25	13.04	7.76
SQU-DS	2025-05-07 08:45:00	6.68	30.33		7.23	13.04	7.16
SQU-DS	2025-05-07 09:00:00	6.70	30.25		7.28	13.06	6.33
SQU-DS	2025-05-07 09:15:00	6.70	30.44		7.27	13.08	7.38
SQU-DS	2025-05-07 09:30:00	6.70	30.50		7.27	13.09	9.02
SQU-DS	2025-05-07 09:45:00	6.71	30.41		7.23	13.11	8.40
SQU-DS	2025-05-07 10:00:00	6.71	30.38		7.29	13.12	7.60
SQU-DS	2025-05-07 10:15:00	6.70	30.34		7.29	13.13	11.73
SQU-DS	2025-05-07 10:30:00	6.73	30.38		7.30	13.13	8.95
SQU-DS	2025-05-07 10:45:00	6.77	30.65		7.29	13.12	9.14
SQU-DS	2025-05-07 11:00:00	6.80	30.61		7.28	13.14	11.04
SQU-DS	2025-05-07 11:15:00	6.82	30.52		7.28	13.13	9.47
SQU-DS	2025-05-07 11:30:00	6.85	30.27		7.29	13.16	8.20
SQU-DS	2025-05-07 11:45:00	6.92	30.06		7.27	13.17	10.63
SQU-DS	2025-05-07 12:00:00	6.99	30.33		7.28	13.17	9.74
SQU-DS	2025-05-07 12:15:00	7.10	30.33		7.30	13.16	8.57
SQU-DS	2025-05-07 12:30:00	7.17	30.35		7.27	13.16	7.54
SQU-DS	2025-05-07 12:45:00	7.18	30.32		7.29	13.15	8.92
SQU-DS	2025-05-07 13:00:00	7.27	30.31		7.32	13.14	8.23
SQU-DS	2025-05-07 13:15:00	7.40	30.13		7.31	13.14	8.51
SQU-DS	2025-05-07 13:30:00	7.49	29.82		7.25	13.15	12.99
SQU-DS	2025-05-07 13:45:00	7.58	30.02		7.29	13.12	7.05
SQU-DS	2025-05-07 14:00:00	7.70	29.75		7.28	13.14	7.55
SQU-DS	2025-05-07 14:15:00	7.74	29.78		7.29	13.12	8.94
SQU-DS	2025-05-07 14:30:00	7.78	29.61		7.32	13.12	8.18
SQU-DS	2025-05-07 14:45:00	7.80	29.49		7.30	13.12	9.09
SQU-DS	2025-05-07 15:00:00	7.85	29.39		7.32	13.11	13.07
SQU-DS	2025-05-07 15:15:00	7.96	29.23		7.33	13.10	11.73
SQU-DS	2025-05-07 15:45:00	8.27	31.91	0.16	7.24	11.12	10.53
SQU-DS	2025-05-07 16:00:00	8.19	30.64	0.22	7.05	11.11	11.40
SQU-DS	2025-05-07 16:15:00	8.21	30.80	0.23	7.09	11.08	7.94
SQU-DS	2025-05-07 16:30:00	8.18	30.85	0.23	7.04	11.08	6.07
SQU-DS	2025-05-07 16:45:00	8.18	30.62	0.23	7.09	11.06	7.85
SQU-DS	2025-05-07 17:00:00	8.17	30.52	0.23	7.12	11.04	9.44
SQU-DS	2025-05-07 17:15:00	8.14	30.42	0.23	7.14	11.01	11.75
SQU-DS	2025-05-07 17:30:00	8.12	30.39	0.18	7.19	11.02	7.65
SQU-DS	2025-05-07 17:45:00	8.09	30.41	0.20	7.21	10.99	10.09
SQU-DS	2025-05-07 18:00:00	8.07	30.22	0.20	7.20	10.98	5.59
SQU-DS	2025-05-07 18:15:00	8.07	30.13	0.20	7.22	10.95	8.26
SQU-DS	2025-05-07 18:30:00	8.05	30.21	0.19	7.16	10.97	12.46
SQU-DS	2025-05-07 18:45:00	8.06	29.92	0.21	7.23	10.96	8.43
SQU-DS	2025-05-07 19:00:00	8.04	29.89	0.21	7.22	10.95	9.19
SQU-DS	2025-05-07 19:15:00	8.01	30.16	0.22	7.21	10.93	11.03
SQU-DS	2025-05-07 19:30:00	7.99	29.88	0.19	7.22	10.93	10.61
SQU-DS	2025-05-07 19:45:00	7.96	29.95	0.21	7.22	10.92	7.40
SQU-DS	2025-05-07 20:00:00	7.93	30.59	0.21	7.22	10.92	13.27
SQU-DS	2025-05-07 20:15:00	7.90	29.63	0.21	7.20	10.90	24.02
SQU-DS	2025-05-07 20:30:00	7.88	29.68	0.19	7.22	10.91	9.40
SQU-DS	2025-05-07 20:45:00	7.86	29.86	0.21	7.21	10.89	12.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-07 21:00:00	7.83	29.68	0.21	7.20	10.88	37.39
SQU-DS	2025-05-07 21:15:00	7.77	29.82	0.21	7.21	10.88	8.93
SQU-DS	2025-05-07 21:30:00	7.73	29.67	0.17	7.19	10.89	16.40
SQU-DS	2025-05-07 21:45:00	7.70	29.78	0.21	7.21	10.89	9.97
SQU-DS	2025-05-07 22:00:00	7.66	29.73	0.22	7.19	10.89	15.80
SQU-DS	2025-05-07 22:15:00	7.61	29.67	0.22	7.20	10.89	14.84
SQU-DS	2025-05-07 22:30:00	7.56	29.64	0.21	7.21	10.91	11.38
SQU-DS	2025-05-07 22:45:00	7.51	29.38	0.21	7.20	10.93	8.90
SQU-DS	2025-05-07 23:00:00	7.44	29.39	0.22	7.16	10.95	12.20
SQU-DS	2025-05-07 23:15:00	7.36	29.07	0.22	7.18	10.97	12.77
SQU-DS	2025-05-07 23:30:00	7.29	29.16	0.19	7.20	10.99	13.75
SQU-DS	2025-05-07 23:45:00	7.23	29.03	0.22	7.20	11.01	11.72
SQU-DS	2025-05-08 00:00:00	7.17	28.90	0.22	7.21	11.03	9.02
SQU-DS	2025-05-08 00:15:00	7.10	28.77	0.22	7.21	11.07	14.05
SQU-DS	2025-05-08 00:30:00	7.02	28.37	0.19	7.19	11.09	14.38
SQU-DS	2025-05-08 00:45:00	6.97	28.21	0.22	7.20	11.12	11.79
SQU-DS	2025-05-08 01:00:00	6.89	28.02	0.22	7.21	11.13	13.10
SQU-DS	2025-05-08 01:15:00	6.85	28.08	0.22	7.21	11.14	14.72
SQU-DS	2025-05-08 01:30:00	6.78	28.04	0.19	7.21	11.16	15.06
SQU-DS	2025-05-08 01:45:00	6.73	27.84	0.22	7.21	11.19	14.50
SQU-DS	2025-05-08 02:00:00	6.65	27.60	0.23	7.17	11.20	16.43
SQU-DS	2025-05-08 02:15:00	6.58	27.62	0.23	7.21	11.24	15.95
SQU-DS	2025-05-08 02:30:00	6.50	27.52	0.21	7.17	11.27	15.08
SQU-DS	2025-05-08 02:45:00	6.43	27.40	0.22	7.21	11.29	13.62
SQU-DS	2025-05-08 03:00:00	6.37	27.45	0.23	7.18	11.30	15.02
SQU-DS	2025-05-08 03:15:00	6.33	27.50	0.23	7.19	11.32	11.83
SQU-DS	2025-05-08 03:30:00	6.28	27.61	0.20	7.18	11.33	21.33
SQU-DS	2025-05-08 03:45:00	6.23	27.76	0.22	7.20	11.34	19.54
SQU-DS	2025-05-08 04:00:00	6.18	27.56	0.23	7.07	11.36	15.48
SQU-DS	2025-05-08 04:15:00	6.15	27.34	0.23	7.17	11.37	12.08
SQU-DS	2025-05-08 04:30:00	6.10	27.58	0.20	7.19	11.38	8.84
SQU-DS	2025-05-08 04:45:00	6.07	27.66	0.22	7.18	11.39	15.67
SQU-DS	2025-05-08 05:00:00	6.03	27.60	0.23	7.15	11.40	16.55
SQU-DS	2025-05-08 05:15:00	5.98	27.61	0.23	7.17	11.42	9.48
SQU-DS	2025-05-08 05:30:00	5.96	27.48	0.22	7.13	11.42	12.57
SQU-DS	2025-05-08 05:45:00	5.91	27.49	0.22	7.14	11.45	13.36
SQU-DS	2025-05-08 06:00:00	5.90	27.45	0.22	7.17	11.43	13.04
SQU-DS	2025-05-08 06:15:00	5.87	27.85	0.23	7.15	11.44	14.96
SQU-DS	2025-05-08 06:30:00	5.85	27.74	0.21	7.15	11.45	14.51
SQU-DS	2025-05-08 06:45:00	5.82	27.58	0.21	7.14	11.44	11.96
SQU-DS	2025-05-08 07:00:00	5.79	27.52	0.21	7.15	11.46	14.64
SQU-DS	2025-05-08 07:15:00	5.78	27.38	0.22	7.11	11.47	14.47
SQU-DS	2025-05-08 07:30:00	5.75	27.45	0.20	7.12	11.48	14.80
SQU-DS	2025-05-08 07:45:00	5.74	27.54	0.20	7.13	11.49	15.11
SQU-DS	2025-05-08 08:00:00	5.72	27.31	0.21	7.12	11.52	14.15
SQU-DS	2025-05-08 08:15:00	5.73	27.32	0.21	7.14	11.53	15.77
SQU-DS	2025-05-08 08:30:00	5.77	27.42	0.20	7.13	11.53	14.10
SQU-DS	2025-05-08 08:45:00	5.82	27.64	0.21	7.17	11.54	13.19
SQU-DS	2025-05-08 09:00:00	5.87	27.42	0.21	7.15	11.54	12.15
SQU-DS	2025-05-08 09:15:00	5.92	27.46	0.21	7.16	11.57	13.31
SQU-DS	2025-05-08 09:30:00	5.98	27.60	0.19	7.16	11.57	8.69
SQU-DS	2025-05-08 09:45:00	6.03	27.75	0.20	7.15	11.57	9.44
SQU-DS	2025-05-08 10:00:00	6.10	28.04	0.21	7.15	11.56	10.28
SQU-DS	2025-05-08 10:15:00	6.21	27.96	0.21	7.16	11.56	15.26
SQU-DS	2025-05-08 10:30:00	6.25	28.22	0.19	7.16	11.55	9.67

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-08 10:45:00	6.33	28.28	0.20	7.15	11.55	11.51
SQU-DS	2025-05-08 11:00:00	6.39	28.62	0.21	7.10	11.55	14.13
SQU-DS	2025-05-08 11:15:00	6.43	28.33	0.21	7.13	11.55	19.23
SQU-DS	2025-05-08 11:30:00	6.44	27.97	0.18	7.16	11.55	17.21
SQU-DS	2025-05-08 11:45:00	6.51	28.05	0.19	7.17	11.55	12.38
SQU-DS	2025-05-08 12:00:00	6.52	28.43	0.20	7.15	11.55	13.55
SQU-DS	2025-05-08 12:15:00	6.62	28.73	0.20	7.14	11.54	8.68
SQU-DS	2025-05-08 12:30:00	6.73	28.32	0.18	7.14	11.54	12.21
SQU-DS	2025-05-08 12:45:00	6.82	28.27	0.19	7.16	11.51	9.88
SQU-DS	2025-05-08 13:00:00	6.93	28.76	0.20	7.14	11.49	6.83
SQU-DS	2025-05-08 13:15:00	7.02	28.47	0.20	7.14	11.49	13.03
SQU-DS	2025-05-08 13:30:00	7.09	28.53	0.17	7.16	11.48	7.81
SQU-DS	2025-05-08 13:45:00	7.18	28.49	0.18	7.17	11.46	10.02
SQU-DS	2025-05-08 14:00:00	7.27	28.57	0.19	7.15	11.45	10.13
SQU-DS	2025-05-08 14:15:00	7.34	28.67	0.20	7.13	11.42	8.15
SQU-DS	2025-05-08 14:30:00	7.39	28.51	0.18	7.17	11.40	9.25
SQU-DS	2025-05-08 14:45:00	7.40	28.61	0.19	7.17	11.41	8.94
SQU-DS	2025-05-08 15:00:00	7.41	28.67	0.19	7.14	11.39	15.99
SQU-DS	2025-05-08 15:15:00	7.42	28.76	0.20	7.16	11.38	7.56
SQU-DS	2025-05-08 15:30:00	7.43	28.99	0.17	7.16	11.35	10.90
SQU-DS	2025-05-08 15:45:00	7.39	29.35	0.18	7.12	11.35	9.98
SQU-DS	2025-05-08 16:00:00	7.34	29.21	0.19	7.14	11.36	7.08
SQU-DS	2025-05-08 16:15:00	7.34	29.45	0.19	7.17	11.33	8.95
SQU-DS	2025-05-08 16:30:00	7.35	29.46	0.18	7.12	11.34	10.82
SQU-DS	2025-05-08 16:45:00	7.38	29.47	0.18	7.17	11.33	8.48
SQU-DS	2025-05-08 17:00:00	7.40	29.62	0.19	7.16	11.30	9.48
SQU-DS	2025-05-08 17:15:00	7.41	29.78	0.19	7.18	11.30	8.02
SQU-DS	2025-05-08 17:30:00	7.41	29.78	0.16	7.18	11.29	12.56
SQU-DS	2025-05-08 17:45:00	7.40	29.92	0.17	7.15	11.28	10.95
SQU-DS	2025-05-08 18:00:00	7.38	29.76	0.18	7.10	11.28	8.48
SQU-DS	2025-05-08 18:15:00	7.37	29.85	0.18	7.12	11.24	10.24
SQU-DS	2025-05-08 18:30:00	7.33	29.84	0.16	7.15	11.23	7.83
SQU-DS	2025-05-08 18:45:00	7.31	30.02	0.17	7.12	11.23	11.85
SQU-DS	2025-05-08 19:00:00	7.31	30.13	0.18	7.14	11.20	12.28
SQU-DS	2025-05-08 19:15:00	7.30	30.33	0.18	7.12	11.19	6.17
SQU-DS	2025-05-08 19:30:00	7.28	30.25	0.16	7.09	11.19	7.48
SQU-DS	2025-05-08 19:45:00	7.27	30.59	0.17	7.11	11.16	7.35
SQU-DS	2025-05-08 20:00:00	7.28	30.71	0.18	7.10	11.16	10.17
SQU-DS	2025-05-08 20:15:00	7.26	30.57	0.18	7.11	11.14	4.37
SQU-DS	2025-05-08 20:30:00	7.24	30.81	0.16	7.13	11.13	6.66
SQU-DS	2025-05-08 20:45:00	7.20	30.84	0.17	7.10	11.13	4.61
SQU-DS	2025-05-08 21:00:00	7.20	31.02	0.18	7.14	11.12	6.00
SQU-DS	2025-05-08 21:15:00	7.14	31.07	0.18	7.12	11.12	5.44
SQU-DS	2025-05-08 21:30:00	7.11	31.38	0.16	7.10	11.10	5.06
SQU-DS	2025-05-08 21:45:00	7.07	31.39	0.17	7.10	11.09	6.68
SQU-DS	2025-05-08 22:00:00	7.03	31.45	0.18	7.10	11.09	6.61
SQU-DS	2025-05-08 22:15:00	7.01	31.47	0.18	7.11	11.08	5.32
SQU-DS	2025-05-08 22:30:00	6.99	31.62	0.17	7.07	11.10	7.84
SQU-DS	2025-05-08 22:45:00	6.96	31.58	0.17	7.12	11.10	6.81
SQU-DS	2025-05-08 23:00:00	6.93	31.86	0.18	7.05	11.09	7.37
SQU-DS	2025-05-08 23:15:00	6.92	31.96	0.18	7.06	11.09	8.08
SQU-DS	2025-05-08 23:30:00	6.89	32.06	0.15	7.09	11.11	9.19
SQU-DS	2025-05-08 23:45:00	6.85	31.99	0.16	7.12	11.09	8.11
SQU-DS	2025-05-09 00:00:00	6.82	31.99	0.17	7.07	11.11	9.04
SQU-DS	2025-05-09 00:15:00	6.78	32.22	0.18	7.12	11.10	7.69

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-09 00:30:00	6.74	32.24	0.17	7.10	11.10	6.34
SQU-DS	2025-05-09 00:45:00	6.70	32.01	0.18	7.08	11.12	7.06
SQU-DS	2025-05-09 01:00:00	6.65	32.12	0.18	7.12	11.13	12.66
SQU-DS	2025-05-09 01:15:00	6.62	32.24	0.19	7.12	11.12	5.65
SQU-DS	2025-05-09 01:30:00	6.58	32.36	0.15	7.08	11.13	5.49
SQU-DS	2025-05-09 01:45:00	6.54	32.17	0.16	7.07	11.15	6.53
SQU-DS	2025-05-09 02:00:00	6.51	32.09	0.17	7.09	11.15	6.62
SQU-DS	2025-05-09 02:15:00	6.47	31.98	0.18	7.11	11.17	4.43
SQU-DS	2025-05-09 02:30:00	6.42	32.10	0.16	7.13	11.18	4.96
SQU-DS	2025-05-09 02:45:00	6.39	32.04	0.16	7.11	11.19	5.60
SQU-DS	2025-05-09 03:00:00	6.35	32.17	0.17	7.10	11.20	4.13
SQU-DS	2025-05-09 03:15:00	6.32	32.02	0.18	7.15	11.21	5.92
SQU-DS	2025-05-09 03:30:00	6.27	32.14	0.15	7.09	11.23	4.08
SQU-DS	2025-05-09 03:45:00	6.22	32.17	0.16	7.09	11.24	6.76
SQU-DS	2025-05-09 04:00:00	6.19	32.40	0.17	7.13	11.24	6.44
SQU-DS	2025-05-09 04:15:00	6.15	32.57	0.18	7.10	11.25	7.07
SQU-DS	2025-05-09 04:30:00	6.13	32.71	0.15	7.17	11.26	5.02
SQU-DS	2025-05-09 04:45:00	6.09	33.03	0.16	7.14	11.27	7.56
SQU-DS	2025-05-09 05:00:00	6.08	33.35	0.17	7.15	11.26	6.98
SQU-DS	2025-05-09 05:15:00	6.03	33.41	0.18	7.13	11.27	4.94
SQU-DS	2025-05-09 05:30:00	6.02	33.58	0.14	7.13	11.28	4.74
SQU-DS	2025-05-09 05:45:00	6.02	33.82	0.15	7.13	11.25	5.12
SQU-DS	2025-05-09 06:00:00	6.00	33.72	0.16	7.12	11.25	7.53
SQU-DS	2025-05-09 06:15:00	5.98	34.01	0.17	7.06	11.25	6.93
SQU-DS	2025-05-09 06:30:00	5.95	33.69	0.15	7.14	11.27	6.33
SQU-DS	2025-05-09 06:45:00	5.94	33.90	0.16	7.08	11.26	6.23
SQU-DS	2025-05-09 07:00:00	5.97	33.94	0.18	7.03	11.27	8.47
SQU-DS	2025-05-09 07:15:00	5.93	33.87	0.18	7.10	11.30	5.32
SQU-DS	2025-05-09 07:30:00	5.93	33.92	0.15	7.08	11.31	7.52
SQU-DS	2025-05-09 07:45:00	5.96	33.92	0.16	7.09	11.34	5.61
SQU-DS	2025-05-09 08:00:00	5.98	33.82	0.17	7.07	11.35	6.14
SQU-DS	2025-05-09 08:15:00	5.97	33.97	0.17	7.13	11.38	5.66
SQU-DS	2025-05-09 08:30:00	5.99	34.00	0.15	7.13	11.39	3.96
SQU-DS	2025-05-09 08:45:00	6.01	34.21	0.16	7.12	11.38	5.24
SQU-DS	2025-05-09 09:00:00	6.05	34.05	0.18	7.09	11.40	3.88
SQU-DS	2025-05-09 09:15:00	6.07	34.46	0.18	7.12	11.38	4.86
SQU-DS	2025-05-09 09:30:00	6.12	33.73	0.15	7.13	11.39	5.64
SQU-DS	2025-05-09 09:45:00	6.14	33.82	0.16	7.14	11.42	5.85
SQU-DS	2025-05-09 10:00:00	6.16	33.99	0.17	7.12	11.43	3.04
SQU-DS	2025-05-09 10:15:00	6.22	34.14	0.18	7.12	11.42	3.54
SQU-DS	2025-05-09 10:30:00	6.27	34.67	0.15	7.13	11.43	5.37
SQU-DS	2025-05-09 10:45:00	6.32	34.62	0.16	7.15	11.42	3.80
SQU-DS	2025-05-09 11:00:00	6.38	34.62	0.17	7.15	11.42	4.33
SQU-DS	2025-05-09 11:15:00	6.44	34.76	0.18	7.12	11.41	3.06
SQU-DS	2025-05-09 11:30:00	6.49	34.85	0.15	7.14	11.40	5.34
SQU-DS	2025-05-09 11:45:00	6.55	34.77	0.16	7.12	11.41	5.60
SQU-DS	2025-05-09 12:00:00	6.62	34.78	0.17	7.08	11.38	4.86
SQU-DS	2025-05-09 12:15:00	6.67	34.68	0.18	7.07	11.38	3.64
SQU-DS	2025-05-09 12:30:00	6.72	34.55	0.15	7.16	11.37	5.55
SQU-DS	2025-05-09 12:45:00	6.75	35.20	0.16	7.17	11.35	3.63
SQU-DS	2025-05-09 13:00:00	6.79	35.18	0.17	7.17	11.35	3.52
SQU-DS	2025-05-09 13:15:00	6.85	35.22	0.18	7.17	11.33	3.79
SQU-DS	2025-05-09 13:30:00	6.88	35.40	0.15	7.16	11.34	5.55
SQU-DS	2025-05-09 13:45:00	6.93	35.49	0.16	7.15	11.31	3.94
SQU-DS	2025-05-09 14:00:00	6.97	35.72	0.17	7.15	11.32	4.45

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-09 14:15:00	7.03	35.47	0.17	7.15	11.29	2.97
SQU-DS	2025-05-09 14:30:00	7.08	35.27	0.15	7.18	11.29	7.51
SQU-DS	2025-05-09 14:45:00	7.10	35.61	0.16	7.17	11.28	9.67
SQU-DS	2025-05-09 15:00:00	7.13	35.50	0.17	7.18	11.26	2.33
SQU-DS	2025-05-09 15:15:00	7.16	35.86	0.18	7.17	11.25	3.33
SQU-DS	2025-05-09 15:30:00	7.19	35.78	0.15	7.17	11.24	2.57
SQU-DS	2025-05-09 15:45:00	7.21	35.71	0.16	7.18	11.23	2.10
SQU-DS	2025-05-09 16:00:00	7.24	35.94	0.17	7.16	11.21	2.93
SQU-DS	2025-05-09 16:15:00	7.26	35.88	0.17	7.20	11.21	2.63
SQU-DS	2025-05-09 16:30:00	7.28	35.97	0.15	7.18	11.22	3.49
SQU-DS	2025-05-09 16:45:00	7.29	35.90	0.16	7.16	11.21	3.19
SQU-DS	2025-05-09 17:00:00	7.31	35.81	0.17	7.21	11.20	3.40
SQU-DS	2025-05-09 17:15:00	7.35	35.88	0.18	7.19	11.19	3.24
SQU-DS	2025-05-09 17:30:00	7.38	35.93	0.15	7.19	11.18	2.94
SQU-DS	2025-05-09 17:45:00	7.40	36.16	0.16	7.19	11.16	5.97
SQU-DS	2025-05-09 18:00:00	7.42	36.13	0.16	7.22	11.15	2.39
SQU-DS	2025-05-09 18:15:00	7.45	36.30	0.17	7.22	11.14	2.54
SQU-DS	2025-05-09 18:30:00	7.48	36.39	0.15	7.14	11.09	7.03
SQU-DS	2025-05-09 18:45:00	7.52	36.69	0.16	7.17	11.10	2.02
SQU-DS	2025-05-09 19:00:00	7.53	38.42	0.17	7.20	11.09	3.34
SQU-DS	2025-05-09 19:15:00	7.56	37.70	0.18	7.15	11.05	1.78
SQU-DS	2025-05-09 19:30:00	7.57	37.30	0.15	7.16	11.04	4.60
SQU-DS	2025-05-09 19:45:00	7.59	37.35	0.16	7.17	11.02	4.17
SQU-DS	2025-05-09 20:00:00	7.58	37.21	0.16	7.17	11.01	3.06
SQU-DS	2025-05-09 20:15:00	7.58	37.61	0.17	7.16	11.00	2.68
SQU-DS	2025-05-09 20:30:00	7.57	37.53	0.15	7.12	10.99	2.39
SQU-DS	2025-05-09 20:45:00	7.54	38.15	0.16	7.09	10.95	2.52
SQU-DS	2025-05-09 21:00:00	7.55	37.47	0.17	7.11	10.94	3.35
SQU-DS	2025-05-09 21:15:00	7.54	37.60	0.18	7.09	10.92	3.51
SQU-DS	2025-05-09 21:30:00	7.52	37.61	0.14	7.07	10.90	2.71
SQU-DS	2025-05-09 21:45:00	7.51	37.47	0.15	7.10	10.87	3.41
SQU-DS	2025-05-09 22:00:00	7.50	37.57	0.16	7.07	10.87	5.99
SQU-DS	2025-05-09 22:15:00	7.49	37.59	0.17	7.10	10.86	3.90
SQU-DS	2025-05-09 22:30:00	7.47	37.63	0.14	7.10	10.87	2.67
SQU-DS	2025-05-09 22:45:00	7.46	37.58	0.15	7.11	10.86	4.43
SQU-DS	2025-05-09 23:00:00	7.45	37.64	0.16	7.14	10.86	6.09
SQU-DS	2025-05-09 23:15:00	7.43	37.42	0.17	7.14	10.86	2.50
SQU-DS	2025-05-09 23:30:00	7.42	37.52	0.14	7.07	10.86	3.98
SQU-DS	2025-05-09 23:45:00	7.40	37.68	0.15	7.09	10.85	5.10
SQU-DS	2025-05-10 00:00:00	7.37	37.71	0.16	7.09	10.84	3.04
SQU-DS	2025-05-10 00:15:00	7.36	37.58	0.17	7.08	10.87	2.08
SQU-DS	2025-05-10 00:30:00	7.32	37.76	0.14	7.07	10.87	3.39
SQU-DS	2025-05-10 00:45:00	7.31	37.62	0.15	7.10	10.87	4.76
SQU-DS	2025-05-10 01:00:00	7.30	37.61	0.16	7.07	10.87	4.05
SQU-DS	2025-05-10 01:15:00	7.28	37.50	0.17	7.13	10.86	4.48
SQU-DS	2025-05-10 01:30:00	7.21	37.58	0.13	7.12	10.89	7.89
SQU-DS	2025-05-10 01:45:00	7.20	37.36	0.14	7.13	10.90	4.25
SQU-DS	2025-05-10 02:00:00	7.17	37.48	0.15	7.15	10.90	2.83
SQU-DS	2025-05-10 02:15:00	7.14	37.54	0.16	7.11	10.91	4.34
SQU-DS	2025-05-10 02:30:00	7.10	37.39	0.14	7.12	10.92	3.73
SQU-DS	2025-05-10 02:45:00	7.07	37.32	0.15	7.17	10.93	5.90
SQU-DS	2025-05-10 03:00:00	7.02	37.31	0.16	7.15	10.94	4.51
SQU-DS	2025-05-10 03:15:00	6.99	37.18	0.17	7.12	10.94	2.78
SQU-DS	2025-05-10 03:30:00	6.96	37.10	0.13	7.17	10.95	2.38
SQU-DS	2025-05-10 03:45:00	6.92	37.16	0.14	7.17	10.97	2.79

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-10 04:00:00	6.89	37.26	0.15	7.15	10.97	1.73
SQU-DS	2025-05-10 04:15:00	6.84	37.40	0.16	7.16	10.98	1.17
SQU-DS	2025-05-10 04:30:00	6.81	37.39	0.13	7.18	10.99	2.71
SQU-DS	2025-05-10 04:45:00	6.78	37.50	0.14	7.16	10.99	1.58
SQU-DS	2025-05-10 05:00:00	6.75	37.86	0.16	7.16	11.00	2.37
SQU-DS	2025-05-10 05:15:00	6.73	38.11	0.16	7.17	10.98	2.64
SQU-DS	2025-05-10 05:30:00	6.71	38.38	0.13	7.10	10.99	2.33
SQU-DS	2025-05-10 05:45:00	6.69	38.31	0.14	7.13	10.99	4.18
SQU-DS	2025-05-10 06:00:00	6.68	38.30	0.15	7.15	11.00	3.10
SQU-DS	2025-05-10 06:15:00	6.67	38.51	0.16	7.12	10.99	3.42
SQU-DS	2025-05-10 06:30:00	6.66	38.87	0.13	7.15	10.98	1.78
SQU-DS	2025-05-10 06:45:00	6.66	38.37	0.14	7.12	10.99	1.99
SQU-DS	2025-05-10 07:00:00	6.65	38.62	0.15	7.13	10.99	2.56
SQU-DS	2025-05-10 07:15:00	6.64	38.44	0.16	7.10	10.99	1.55
SQU-DS	2025-05-10 07:30:00	6.64	38.41	0.13	7.13	11.01	3.87
SQU-DS	2025-05-10 07:45:00	6.64	38.44	0.14	7.09	11.01	1.39
SQU-DS	2025-05-10 08:00:00	6.66	38.15	0.16	7.05	11.03	2.19
SQU-DS	2025-05-10 08:15:00	6.65	38.23	0.16	7.09	11.05	3.38
SQU-DS	2025-05-10 08:30:00	6.65	38.09	0.13	7.10	11.07	3.30
SQU-DS	2025-05-10 08:45:00	6.65	38.04	0.14	7.14	11.07	2.84
SQU-DS	2025-05-10 09:00:00	6.67	38.06	0.15	7.14	11.07	2.52
SQU-DS	2025-05-10 09:15:00	6.68	38.09	0.16	7.10	11.08	2.85
SQU-DS	2025-05-10 09:30:00	6.68	38.02	0.13	7.13	11.09	1.65
SQU-DS	2025-05-10 09:45:00	6.70	37.97	0.14	7.09	11.10	2.12
SQU-DS	2025-05-10 10:00:00	6.71	38.04	0.15	7.15	11.11	1.87
SQU-DS	2025-05-10 10:15:00	6.72	38.01	0.16	7.11	11.11	2.57
SQU-DS	2025-05-10 10:30:00	6.74	38.25	0.13	7.14	11.11	3.19
SQU-DS	2025-05-10 10:45:00	6.76	38.24	0.14	7.16	11.11	2.95
SQU-DS	2025-05-10 11:00:00	6.80	38.21	0.16	7.10	11.13	1.90
SQU-DS	2025-05-10 11:15:00	6.81	38.50	0.16	7.13	11.12	2.35
SQU-DS	2025-05-10 11:30:00	6.87	38.42	0.14	7.11	11.10	2.13
SQU-DS	2025-05-10 11:45:00	6.91	38.53	0.15	7.12	11.11	2.35
SQU-DS	2025-05-10 12:00:00	6.95	38.71	0.16	7.16	11.12	1.95
SQU-DS	2025-05-10 12:15:00	7.02	38.64	0.17	7.09	11.12	2.29
SQU-DS	2025-05-10 12:30:00	7.10	38.82	0.15	7.13	11.09	1.61
SQU-DS	2025-05-10 12:45:00	7.17	38.98	0.15	7.16	11.09	1.55
SQU-DS	2025-05-10 13:00:00	7.23	38.86	0.16	7.17	11.10	2.84
SQU-DS	2025-05-10 13:15:00	7.29	38.98	0.17	7.14	11.09	2.13
SQU-DS	2025-05-10 13:30:00	7.36	38.82	0.14	7.13	11.08	1.87
SQU-DS	2025-05-10 13:45:00	7.41	38.83	0.15	7.17	11.08	2.73
SQU-DS	2025-05-10 14:00:00	7.47	38.69	0.16	7.10	11.08	1.64
SQU-DS	2025-05-10 14:15:00	7.51	38.63	0.16	7.18	11.08	2.10
SQU-DS	2025-05-10 14:30:00	7.54	38.82	0.14	7.18	11.06	2.82
SQU-DS	2025-05-10 14:45:00	7.54	38.68	0.15	7.13	11.05	2.67
SQU-DS	2025-05-10 15:00:00	7.53	38.70	0.16	7.12	11.06	1.87
SQU-DS	2025-05-10 15:15:00	7.53	38.53	0.17	7.20	11.05	1.59
SQU-DS	2025-05-10 15:30:00	7.50	38.53	0.14	7.17	11.05	2.24
SQU-DS	2025-05-10 15:45:00	7.48	38.62	0.15	7.18	11.05	3.78
SQU-DS	2025-05-10 16:00:00	7.45	38.82	0.15	7.20	11.04	1.90
SQU-DS	2025-05-10 16:15:00	7.43	38.65	0.16	7.17	11.05	1.46
SQU-DS	2025-05-10 16:30:00	7.41	38.58	0.14	7.21	11.06	1.13
SQU-DS	2025-05-10 16:45:00	7.38	38.21	0.15	7.23	11.05	2.86
SQU-DS	2025-05-10 17:00:00	7.34	38.22	0.16	7.25	11.07	2.09
SQU-DS	2025-05-10 17:15:00	7.33	38.27	0.16	7.24	11.05	1.86
SQU-DS	2025-05-10 17:30:00	7.33	38.17	0.14	7.25	11.05	2.33

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-10 17:45:00	7.32	38.04	0.15	7.25	11.05	2.87
SQU-DS	2025-05-10 18:00:00	7.31	38.13	0.16	7.26	11.05	1.61
SQU-DS	2025-05-10 18:15:00	7.31	38.16	0.17	7.20	11.04	1.85
SQU-DS	2025-05-10 18:30:00	7.30	38.46	0.13	7.25	11.04	0.28
SQU-DS	2025-05-10 18:45:00	7.31	38.76	0.14	7.23	11.03	1.98
SQU-DS	2025-05-10 19:00:00	7.32	38.88	0.15	7.23	11.03	1.76
SQU-DS	2025-05-10 19:15:00	7.31	39.27	0.16	7.25	11.01	2.18
SQU-DS	2025-05-10 19:30:00	7.32	39.46	0.13	7.18	11.01	0.99
SQU-DS	2025-05-10 19:45:00	7.31	39.63	0.14	7.21	10.99	3.45
SQU-DS	2025-05-10 20:00:00	7.30	39.69	0.15	7.22	10.99	1.49
SQU-DS	2025-05-10 20:15:00	7.29	40.00	0.16	7.20	10.99	1.75
SQU-DS	2025-05-10 20:30:00	7.27	40.02	0.12	7.22	10.96	1.29
SQU-DS	2025-05-10 20:45:00	7.25	40.05	0.14	7.20	10.95	1.28
SQU-DS	2025-05-10 21:00:00	7.22	40.14	0.15	7.18	10.92	2.33
SQU-DS	2025-05-10 21:15:00	7.21	39.87	0.16	7.19	10.92	1.18
SQU-DS	2025-05-10 21:30:00	7.18	40.02	0.13	7.16	10.89	2.88
SQU-DS	2025-05-10 21:45:00	7.17	40.14	0.14	7.17	10.89	1.32
SQU-DS	2025-05-10 22:00:00	7.16	39.90	0.15	7.17	10.89	1.13
SQU-DS	2025-05-10 22:15:00	7.14	40.06	0.16	7.16	10.87	0.98
SQU-DS	2025-05-10 22:30:00	7.15	39.99	0.13	7.17	10.87	2.13
SQU-DS	2025-05-10 22:45:00	7.12	39.92	0.14	7.15	10.86	1.18
SQU-DS	2025-05-10 23:00:00	7.12	39.65	0.16	7.15	10.86	1.68
SQU-DS	2025-05-10 23:15:00	7.09	39.84	0.16	7.16	10.86	0.88
SQU-DS	2025-05-10 23:30:00	7.10	39.71	0.12	7.15	10.86	1.62
SQU-DS	2025-05-10 23:45:00	7.08	39.68	0.14	7.10	10.87	1.93
SQU-DS	2025-05-11 00:00:00	7.07	39.73	0.15	7.15	10.87	2.04
SQU-DS	2025-05-11 00:15:00	7.05	39.57	0.16	7.16	10.88	2.07
SQU-DS	2025-05-11 00:30:00	7.05	39.73	0.14	7.13	10.87	2.16
SQU-DS	2025-05-11 00:45:00	7.02	39.50	0.15	7.14	10.87	3.62
SQU-DS	2025-05-11 01:00:00	7.00	39.50	0.16	7.15	10.88	1.15
SQU-DS	2025-05-11 01:15:00	6.98	39.22	0.16	7.18	10.90	2.02
SQU-DS	2025-05-11 01:30:00	6.97	39.94	0.13	7.16	10.90	1.49
SQU-DS	2025-05-11 01:45:00	6.92	39.37	0.14	7.17	10.90	1.85
SQU-DS	2025-05-11 02:00:00	6.89	41.12	0.15	7.17	10.91	2.07
SQU-DS	2025-05-11 02:15:00	6.88	39.54	0.16	7.16	10.92	2.98
SQU-DS	2025-05-11 02:30:00	6.85	39.25	0.14	7.17	10.93	2.06
SQU-DS	2025-05-11 02:45:00	6.83	39.14	0.14	7.19	10.93	2.49
SQU-DS	2025-05-11 03:00:00	6.78	39.08	0.16	7.19	10.95	1.05
SQU-DS	2025-05-11 03:15:00	6.74	38.96	0.16	7.19	10.95	0.62
SQU-DS	2025-05-11 03:30:00	6.71	38.88	0.14	7.19	10.96	2.82
SQU-DS	2025-05-11 03:45:00	6.69	38.66	0.14	7.21	10.98	2.33
SQU-DS	2025-05-11 04:00:00	6.64	38.73	0.15	7.21	10.99	2.16
SQU-DS	2025-05-11 04:15:00	6.60	38.73	0.16	7.21	11.00	2.90
SQU-DS	2025-05-11 04:30:00	6.56	38.65	0.14	7.21	11.01	1.22
SQU-DS	2025-05-11 04:45:00	6.52	38.59	0.15	7.17	11.01	0.16
SQU-DS	2025-05-11 05:00:00	6.49	38.69	0.16	7.20	11.02	1.78
SQU-DS	2025-05-11 05:15:00	6.48	39.23	0.17	7.20	11.02	0.38
SQU-DS	2025-05-11 05:30:00	6.46	39.06	0.13	7.20	11.01	0.63
SQU-DS	2025-05-11 05:45:00	6.44	39.35	0.14	7.17	11.02	0.28
SQU-DS	2025-05-11 06:00:00	6.43	39.82	0.15	7.14	11.01	1.61
SQU-DS	2025-05-11 06:15:00	6.41	39.81	0.16	7.20	11.01	1.77
SQU-DS	2025-05-11 06:30:00	6.40	40.08	0.13	7.18	11.01	0.71
SQU-DS	2025-05-11 06:45:00	6.40	40.23	0.14	7.19	11.01	2.56
SQU-DS	2025-05-11 07:00:00	6.40	40.21	0.16	7.18	11.00	1.71
SQU-DS	2025-05-11 07:15:00	6.40	40.23	0.16	7.16	11.02	0.95

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-11 07:30:00	6.41	40.28	0.13	7.17	11.03	0.80
SQU-DS	2025-05-11 07:45:00	6.43	40.09	0.14	7.16	11.03	1.24
SQU-DS	2025-05-11 08:00:00	6.45	39.92	0.15	7.16	11.06	0.72
SQU-DS	2025-05-11 08:15:00	6.47	39.84	0.16	7.16	11.07	1.41
SQU-DS	2025-05-11 08:30:00	6.48	39.54	0.14	7.17	11.10	1.47
SQU-DS	2025-05-11 08:45:00	6.48	39.69	0.15	7.18	11.09	2.35
SQU-DS	2025-05-11 09:00:00	6.50	39.58	0.15	7.17	11.10	2.95
SQU-DS	2025-05-11 09:15:00	6.51	39.69	0.16	7.17	11.11	1.39
SQU-DS	2025-05-11 09:30:00	6.52	39.67	0.14	7.17	11.11	1.26
SQU-DS	2025-05-11 09:45:00	6.55	39.59	0.15	7.19	11.11	3.12
SQU-DS	2025-05-11 10:00:00	6.58	39.57	0.16	7.20	11.12	3.50
SQU-DS	2025-05-11 10:15:00	6.63	39.46	0.17	7.17	11.12	2.25
SQU-DS	2025-05-11 10:30:00	6.73	39.47	0.16	7.19	11.12	5.13
SQU-DS	2025-05-11 10:45:00	6.76	39.71	0.16	7.19	11.11	2.04
SQU-DS	2025-05-11 11:00:00	6.80	39.87	0.17	7.19	11.11	2.08
SQU-DS	2025-05-11 11:15:00	6.87	39.88	0.17	7.20	11.11	1.68
SQU-DS	2025-05-11 11:30:00	6.94	40.01	0.17	7.17	11.11	2.96
SQU-DS	2025-05-11 11:45:00	7.03	40.34	0.17	7.18	11.07	1.31
SQU-DS	2025-05-11 12:00:00	7.10	40.39	0.17	7.19	11.08	2.06
SQU-DS	2025-05-11 12:15:00	7.19	40.29	0.18	7.21	11.08	2.36
SQU-DS	2025-05-11 12:30:00	7.28	40.40	0.17	7.20	11.07	1.15
SQU-DS	2025-05-11 12:45:00	7.39	40.58	0.17	7.21	11.05	1.67
SQU-DS	2025-05-11 13:00:00	7.49	40.52	0.17	7.20	11.04	1.55
SQU-DS	2025-05-11 13:15:00	7.53	40.31	0.18	7.21	11.03	0.84
SQU-DS	2025-05-11 13:30:00	7.53	40.17	0.16	7.21	11.03	1.58
SQU-DS	2025-05-11 13:45:00	7.55	40.46	0.16	7.20	11.00	2.15
SQU-DS	2025-05-11 14:00:00	7.56	40.14	0.17	7.19	11.00	2.70
SQU-DS	2025-05-11 14:15:00	7.57	39.72	0.17	7.22	11.01	1.52
SQU-DS	2025-05-11 14:30:00	7.67	39.79	0.15	7.23	11.02	1.62
SQU-DS	2025-05-11 14:45:00	7.80	40.05	0.16	7.23	10.99	1.43
SQU-DS	2025-05-11 15:00:00	7.81	40.00	0.17	7.23	10.98	2.83
SQU-DS	2025-05-11 15:15:00	7.90	39.86	0.18	7.22	10.97	3.40
SQU-DS	2025-05-11 15:30:00	8.01	40.24	0.16	7.21	10.95	2.31
SQU-DS	2025-05-11 15:45:00	8.07	39.78	0.16	7.22	10.94	1.92
SQU-DS	2025-05-11 16:00:00	8.10	39.75	0.17	7.24	10.95	1.73
SQU-DS	2025-05-11 16:15:00	8.12	39.97	0.17	7.23	10.93	2.17
SQU-DS	2025-05-11 16:30:00	8.12	40.05	0.16	7.25	10.90	1.80
SQU-DS	2025-05-11 16:45:00	8.10	39.43	0.16	7.23	10.89	9.25
SQU-DS	2025-05-11 17:00:00	8.10	39.10	0.17	7.26	10.93	1.87
SQU-DS	2025-05-11 17:15:00	8.09	39.21	0.18	7.28	10.93	1.04
SQU-DS	2025-05-11 17:30:00	8.11	39.35	0.15	7.28	10.93	2.19
SQU-DS	2025-05-11 17:45:00	8.11	39.34	0.15	7.29	10.94	1.54
SQU-DS	2025-05-11 18:00:00	8.08	39.38	0.16	7.29	10.92	0.67
SQU-DS	2025-05-11 18:15:00	8.06	39.22	0.17	7.30	10.92	1.68
SQU-DS	2025-05-11 18:30:00	8.06	39.06	0.15	7.30	10.90	1.93
SQU-DS	2025-05-11 18:45:00	8.03	39.14	0.17	7.29	10.91	0.54
SQU-DS	2025-05-11 19:00:00	7.99	39.39	0.17	7.27	10.79	0.55
SQU-DS	2025-05-11 19:15:00	7.97	39.61	0.18	7.30	10.87	1.04
SQU-DS	2025-05-11 19:30:00	7.98	40.06	0.16	7.28	10.77	2.02
SQU-DS	2025-05-11 19:45:00	7.97	40.83	0.16	7.28	10.74	1.74
SQU-DS	2025-05-11 20:00:00	7.93	41.16	0.17	7.25	10.76	0.51
SQU-DS	2025-05-11 20:15:00	7.93	41.53	0.17	7.27	10.74	1.22
SQU-DS	2025-05-11 20:30:00	7.92	42.11	0.16	7.25	10.73	0.00
SQU-DS	2025-05-11 20:45:00	7.90	42.11	0.17	7.26	10.70	0.73
SQU-DS	2025-05-11 21:00:00	7.89	42.00	0.18	7.24	10.70	0.00

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-05-11 21:15:00	7.89	41.94	0.18	7.25	10.68	1.35
SQU-DS	2025-05-11 21:30:00	7.90	42.16	0.16	7.24	10.65	0.74
SQU-DS	2025-05-11 21:45:00	7.90	42.25	0.17	7.23	10.64	0.94
SQU-DS	2025-05-11 22:00:00	7.90	42.28	0.17	7.23	10.62	1.50
SQU-DS	2025-05-11 22:15:00	7.92	42.22	0.18	7.22	10.62	1.74
SQU-DS	2025-05-11 22:30:00	7.91	42.21	0.15	7.22	10.60	0.90
SQU-DS	2025-05-11 22:45:00	7.90	41.89	0.16	7.22	10.55	0.45
SQU-DS	2025-05-11 23:00:00	7.89	41.73	0.17	7.21	10.62	1.56
SQU-DS	2025-05-11 23:15:00	7.88	41.49	0.17	7.21	10.53	1.03
SQU-DS	2025-05-11 23:30:00	7.85	41.55	0.14	7.20	10.59	3.21
SQU-DS	2025-05-11 23:45:00	7.80	41.39	0.15	7.20	10.62	1.32
SQU-US	2025-05-05 00:00:00	6.85	32.80		7.14	13.96	9.43
SQU-US	2025-05-05 00:15:00	6.77	33.38		7.16	13.97599125	12.52
SQU-US	2025-05-05 00:30:00	6.69	33.25		7.10	13.99584007	12.08
SQU-US	2025-05-05 00:45:00	6.59	33.05		7.14	14.03626919	8.74
SQU-US	2025-05-05 01:00:00	6.52	33.15		7.14	14.07398129	11.78
SQU-US	2025-05-05 01:15:00	6.45	33.00		7.17	14.08933926	8.13
SQU-US	2025-05-05 01:30:00	6.38	32.90		7.12	14.11425686	10.70
SQU-US	2025-05-05 01:45:00	6.31	33.43		7.19	14.11447525	9.73
SQU-US	2025-05-05 02:00:00	6.22	33.91		7.15	14.14735413	10.21
SQU-US	2025-05-05 02:15:00	6.16	34.40		7.15	14.1582489	8.90
SQU-US	2025-05-05 02:30:00	6.13	35.28		7.09	14.15179634	12.14
SQU-US	2025-05-05 02:45:00	6.07	36.07		7.10	14.11022282	8.16
SQU-US	2025-05-05 03:00:00	6.06	37.01		7.10	14.10830784	8.32
SQU-US	2025-05-05 03:15:00	6.01	36.65		7.12	14.10418892	8.69
SQU-US	2025-05-05 03:30:00	5.93	37.18		7.02	14.14846706	13.18
SQU-US	2025-05-05 03:45:00	5.92	37.81		7.09	14.141119	6.82
SQU-US	2025-05-05 04:00:00	5.87	37.63		7.12	14.17527103	6.70
SQU-US	2025-05-05 04:15:00	5.83	37.22		7.08	14.21562481	7.45
SQU-US	2025-05-05 04:30:00	5.79	37.30		7.09	14.2291584	10.77
SQU-US	2025-05-05 04:45:00	5.74	36.58		7.12	14.24549294	9.34
SQU-US	2025-05-05 05:00:00	5.72	36.64		7.13	14.24441528	7.11
SQU-US	2025-05-05 05:15:00	5.67	36.50		7.07	14.26419544	9.32
SQU-US	2025-05-05 05:30:00	5.65	36.04		7.04	14.27783489	9.42
SQU-US	2025-05-05 05:45:00	5.59	35.97		7.12	14.29	11.46
SQU-US	2025-05-05 06:00:00	5.55	36.00		7.10	14.30	10.25
SQU-US	2025-05-05 06:15:00	5.53	35.96		7.13	14.33	9.12
SQU-US	2025-05-05 06:30:00	5.51	35.94		7.03	14.34	10.33
SQU-US	2025-05-05 06:45:00	5.47	35.73		7.09	14.36	8.30
SQU-US	2025-05-05 07:00:00	5.46	36.02		7.11	14.36	10.71
SQU-US	2025-05-05 07:15:00	5.43	36.02		7.09	14.41	8.34
SQU-US	2025-05-05 07:30:00	5.43	35.71		7.06	14.42	11.28
SQU-US	2025-05-05 07:45:00	5.41	35.93		7.12	14.46	8.15
SQU-US	2025-05-05 08:00:00	5.44	36.03		7.12	14.45	8.91
SQU-US	2025-05-05 08:15:00	5.45	36.21		7.09	14.48	12.09
SQU-US	2025-05-05 08:30:00	5.51	36.00		7.07	14.48	10.58
SQU-US	2025-05-05 08:45:00	5.55	35.81		7.13	14.52	9.40
SQU-US	2025-05-05 09:00:00	5.62	36.00		7.15	14.50	8.01
SQU-US	2025-05-05 09:15:00	5.68	36.31		7.15	14.51	7.20
SQU-US	2025-05-05 09:30:00	5.79	36.66		7.08	14.49	10.02
SQU-US	2025-05-05 09:45:00	5.84	37.27		7.13	14.51	7.86
SQU-US	2025-05-05 10:00:00	5.89	37.16		7.14	14.49	10.41
SQU-US	2025-05-05 10:15:00	5.97	37.47		7.15	14.49	7.81
SQU-US	2025-05-05 10:30:00	6.07	37.29		7.07	14.50	10.48
SQU-US	2025-05-05 10:45:00	6.17	37.24		7.06	14.47	6.92

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-05 11:00:00	6.26	37.32		7.13	14.49	7.66
SQU-US	2025-05-05 11:15:00	6.36	37.10		7.16	14.46	9.19
SQU-US	2025-05-05 11:30:00	6.48	36.82		7.10	14.45	9.79
SQU-US	2025-05-05 11:45:00	6.58	36.46		7.17	14.44	7.15
SQU-US	2025-05-05 12:00:00	6.67	35.88		7.17	14.44	9.55
SQU-US	2025-05-05 12:15:00	6.73	36.16		7.18	14.43	6.74
SQU-US	2025-05-05 12:30:00	6.84	36.39		7.11	14.38	7.92
SQU-US	2025-05-05 12:45:00	6.93	36.09		7.12	14.36	8.68
SQU-US	2025-05-05 13:00:00	7.02	34.86		7.12	14.33	7.79
SQU-US	2025-05-05 13:15:00	7.14	35.40		7.15	14.32	9.60
SQU-US	2025-05-05 13:30:00	7.25	36.06		7.12	14.27	8.71
SQU-US	2025-05-05 13:45:00	7.33	35.82		7.17	14.26	8.27
SQU-US	2025-05-05 14:00:00	7.43	35.91		7.18	14.24	9.81
SQU-US	2025-05-05 14:15:00	7.48	35.51		7.15	14.24	9.04
SQU-US	2025-05-05 14:30:00	7.58	35.35		7.11	14.20	8.00
SQU-US	2025-05-05 14:45:00	7.68	35.78		7.17	14.16	7.23
SQU-US	2025-05-05 15:00:00	7.80	36.46		7.15	14.10	9.49
SQU-US	2025-05-05 15:15:00	7.89	36.26		7.15	14.09	10.16
SQU-US	2025-05-05 15:30:00	7.98	35.86		7.14	14.08	8.30
SQU-US	2025-05-05 15:45:00	8.06	36.25		7.18	14.03	7.76
SQU-US	2025-05-05 16:00:00	8.15	36.56		7.21	13.99	10.82
SQU-US	2025-05-05 16:15:00	8.19	36.11		7.21	14.00	8.22
SQU-US	2025-05-05 16:30:00	8.23	36.34		7.14	13.96	13.08
SQU-US	2025-05-05 16:45:00	8.26	36.54		7.16	13.94	7.84
SQU-US	2025-05-05 17:00:00	8.32	36.28		7.19	13.92	9.48
SQU-US	2025-05-05 17:15:00	8.35	36.16		7.18	13.91	5.98
SQU-US	2025-05-05 17:30:00	8.40	36.59		7.15	13.86	7.54
SQU-US	2025-05-05 17:45:00	8.41	36.68		7.19	13.82	8.53
SQU-US	2025-05-05 18:00:00	8.39	36.69		7.18	13.80	8.40
SQU-US	2025-05-05 18:15:00	8.37	36.40		7.17	13.79	6.02
SQU-US	2025-05-05 18:30:00	8.36	36.50		7.16	13.78	9.21
SQU-US	2025-05-05 18:45:00	8.34	36.53		7.18	13.74	7.31
SQU-US	2025-05-05 19:00:00	8.32	36.66		7.17	13.74	8.64
SQU-US	2025-05-05 19:15:00	8.29	36.59		7.19	13.71	9.31
SQU-US	2025-05-05 19:30:00	8.27	37.02		7.13	13.67	9.54
SQU-US	2025-05-05 19:45:00	8.26	36.99		7.20	13.64	8.28
SQU-US	2025-05-05 20:00:00	8.22	36.79		7.21	13.63	8.70
SQU-US	2025-05-05 20:15:00	8.21	36.95		7.16	13.59	7.84
SQU-US	2025-05-05 20:30:00	8.19	36.88		7.12	13.58	6.37
SQU-US	2025-05-05 20:45:00	8.17	37.22		7.18	13.54	8.21
SQU-US	2025-05-05 21:00:00	8.15	37.00		7.16	13.53	9.58
SQU-US	2025-05-05 21:15:00	8.14	37.25		7.08	13.52	9.13
SQU-US	2025-05-05 21:30:00	8.11	37.33		7.11	13.50	12.41
SQU-US	2025-05-05 21:45:00	8.09	37.47		7.13	13.47	5.84
SQU-US	2025-05-05 22:00:00	8.07	37.12		7.13	13.48	6.88
SQU-US	2025-05-05 22:15:00	8.05	37.41		7.13	13.47	8.73
SQU-US	2025-05-05 22:30:00	8.04	37.36		7.11	13.48	8.90
SQU-US	2025-05-05 22:45:00	8.00	36.99		7.14	13.49	10.40
SQU-US	2025-05-05 23:00:00	7.97	37.52		7.13	13.49	8.92
SQU-US	2025-05-05 23:15:00	7.92	37.09		7.13	13.50	8.61
SQU-US	2025-05-05 23:30:00	7.85	36.78		7.10	13.51	8.84
SQU-US	2025-05-05 23:45:00	7.80	36.74		7.17	13.52	9.37
SQU-US	2025-05-06 00:00:00	7.71	36.28		7.15	13.56	9.55
SQU-US	2025-05-06 00:15:00	7.64	36.23		7.12	13.56	8.25
SQU-US	2025-05-06 00:30:00	7.56	35.91		7.14	13.60	7.36

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-06 00:45:00	7.49	35.53		7.17	13.61	8.76
SQU-US	2025-05-06 01:00:00	7.39	35.50		7.17	13.66	7.24
SQU-US	2025-05-06 01:15:00	7.31	35.37		7.17	13.67	6.41
SQU-US	2025-05-06 01:30:00	7.22	35.36		7.12	13.72	8.87
SQU-US	2025-05-06 01:45:00	7.16	35.14		7.19	13.73	7.35
SQU-US	2025-05-06 02:00:00	7.07	35.41		7.21	13.77	8.68
SQU-US	2025-05-06 02:15:00	7.01	35.48		7.20	13.78	6.77
SQU-US	2025-05-06 02:30:00	6.92	35.78		7.13	13.81	10.03
SQU-US	2025-05-06 02:45:00	6.88	35.65		7.18	13.84	7.90
SQU-US	2025-05-06 03:00:00	6.79	36.29		7.16	13.84	7.12
SQU-US	2025-05-06 03:15:00	6.76	36.72		7.13	13.84	7.16
SQU-US	2025-05-06 03:30:00	6.72	37.96		7.09	13.81	10.93
SQU-US	2025-05-06 03:45:00	6.66	38.34		7.15	13.80	5.18
SQU-US	2025-05-06 04:00:00	6.61	38.23		7.15	13.82	7.44
SQU-US	2025-05-06 04:15:00	6.55	38.24		7.15	13.86	6.68
SQU-US	2025-05-06 04:30:00	6.51	38.41		7.09	13.87	7.35
SQU-US	2025-05-06 04:45:00	6.46	38.50		7.13	13.87	7.16
SQU-US	2025-05-06 05:00:00	6.40	37.93		7.14	13.90	5.22
SQU-US	2025-05-06 05:15:00	6.35	37.75		7.17	13.93	8.45
SQU-US	2025-05-06 05:30:00	6.33	37.68		7.10	13.94	8.64
SQU-US	2025-05-06 05:45:00	6.27	37.61		7.15	13.96	7.22
SQU-US	2025-05-06 06:00:00	6.21	37.27		7.16	13.98	8.72
SQU-US	2025-05-06 06:15:00	6.16	37.13		7.11	14.00	7.54
SQU-US	2025-05-06 06:30:00	6.14	37.09		7.09	14.02	6.65
SQU-US	2025-05-06 06:45:00	6.10	36.75		7.14	14.04	8.48
SQU-US	2025-05-06 07:00:00	6.09	36.66		7.14	14.06	6.52
SQU-US	2025-05-06 07:15:00	6.06	36.61		7.15	14.10	6.15
SQU-US	2025-05-06 07:30:00	6.05	36.63		7.09	14.11	8.52
SQU-US	2025-05-06 07:45:00	6.05	36.19		7.15	14.14	6.68
SQU-US	2025-05-06 08:00:00	6.07	36.25		7.15	14.14	7.49
SQU-US	2025-05-06 08:15:00	6.08	36.23		7.11	14.18	6.56
SQU-US	2025-05-06 08:30:00	6.11	36.00		7.13	14.19	8.54
SQU-US	2025-05-06 08:45:00	6.14	36.15		7.12	14.20	7.76
SQU-US	2025-05-06 09:00:00	6.18	36.25		7.10	14.22	7.31
SQU-US	2025-05-06 09:15:00	6.25	35.88		7.17	14.22	7.38
SQU-US	2025-05-06 09:30:00	6.33	36.24		7.10	14.22	11.00
SQU-US	2025-05-06 09:45:00	6.39	36.28		7.17	14.22	6.04
SQU-US	2025-05-06 10:00:00	6.47	36.44		7.18	14.20	9.11
SQU-US	2025-05-06 10:15:00	6.55	36.26		7.15	14.20	6.25
SQU-US	2025-05-06 10:30:00	6.64	36.28		7.06	14.19	8.02
SQU-US	2025-05-06 10:45:00	6.72	36.28		7.17	14.18	7.65
SQU-US	2025-05-06 11:00:00	6.79	35.68		7.15	14.19	8.94
SQU-US	2025-05-06 11:15:00	6.87	35.36		7.16	14.21	6.72
SQU-US	2025-05-06 11:30:00	6.96	35.12		7.13	14.20	7.34
SQU-US	2025-05-06 11:45:00	7.07	35.23		7.18	14.18	8.16
SQU-US	2025-05-06 12:00:00	7.17	34.75		7.21	14.17	6.10
SQU-US	2025-05-06 12:15:00	7.25	34.31		7.19	14.18	6.64
SQU-US	2025-05-06 12:30:00	7.30	34.06		7.13	14.17	7.84
SQU-US	2025-05-06 12:45:00	7.39	34.40		7.19	14.14	6.39
SQU-US	2025-05-06 13:00:00	7.52	34.67		7.14	14.11	7.19
SQU-US	2025-05-06 13:15:00	7.63	35.05		7.17	14.07	8.36
SQU-US	2025-05-06 13:30:00	7.74	34.37		7.17	14.08	7.89
SQU-US	2025-05-06 13:45:00	7.85	33.90		7.22	14.06	9.09
SQU-US	2025-05-06 14:00:00	7.96	34.28		7.22	14.04	7.15
SQU-US	2025-05-06 14:15:00	8.07	34.33		7.21	14.00	7.43

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-06 14:30:00	8.19	34.59		7.15	13.98	6.09
SQU-US	2025-05-06 14:45:00	8.29	34.77		7.20	13.95	7.31
SQU-US	2025-05-06 15:00:00	8.39	34.73		7.23	13.92	9.74
SQU-US	2025-05-06 15:15:00	8.47	34.74		7.23	13.90	6.54
SQU-US	2025-05-06 15:30:00	8.56	35.11		7.19	13.85	11.93
SQU-US	2025-05-06 15:45:00	8.61	35.31		7.23	13.82	6.81
SQU-US	2025-05-06 16:00:00	8.65	35.46		7.21	13.79	6.91
SQU-US	2025-05-06 16:15:00	8.65	35.35		7.19	13.76	7.72
SQU-US	2025-05-06 16:30:00	8.66	35.67		7.19	13.72	6.09
SQU-US	2025-05-06 16:45:00	8.67	35.59		7.17	13.70	6.22
SQU-US	2025-05-06 17:00:00	8.67	35.73		7.21	13.68	13.37
SQU-US	2025-05-06 17:15:00	8.66	35.89		7.20	13.65	7.42
SQU-US	2025-05-06 17:30:00	8.66	35.79		7.16	13.61	8.88
SQU-US	2025-05-06 17:45:00	8.67	35.75		7.24	13.61	7.27
SQU-US	2025-05-06 18:00:00	8.70	35.92		7.22	13.56	7.43
SQU-US	2025-05-06 18:15:00	8.71	35.65		7.19	13.54	6.97
SQU-US	2025-05-06 18:30:00	8.73	35.85		7.18	13.50	6.68
SQU-US	2025-05-06 18:45:00	8.77	35.98		7.23	13.46	7.14
SQU-US	2025-05-06 19:00:00	8.79	35.74		7.19	13.43	8.64
SQU-US	2025-05-06 19:15:00	8.79	35.57		7.19	13.41	7.09
SQU-US	2025-05-06 19:30:00	8.80	36.09		7.16	13.38	9.53
SQU-US	2025-05-06 19:45:00	8.81	35.98		7.23	13.33	9.18
SQU-US	2025-05-06 20:00:00	8.82	35.86		7.22	13.34	6.17
SQU-US	2025-05-06 20:15:00	8.81	36.20		7.20	13.32	7.36
SQU-US	2025-05-06 20:30:00	8.79	35.88		7.16	13.29	7.27
SQU-US	2025-05-06 20:45:00	8.78	35.92		7.20	13.27	10.35
SQU-US	2025-05-06 21:00:00	8.77	35.93		7.19	13.24	8.01
SQU-US	2025-05-06 21:15:00	8.73	36.15		7.14	13.22	8.49
SQU-US	2025-05-06 21:30:00	8.71	36.06		7.12	13.23	12.73
SQU-US	2025-05-06 21:45:00	8.66	35.92		7.17	13.22	11.03
SQU-US	2025-05-06 22:00:00	8.61	35.49		7.18	13.23	9.75
SQU-US	2025-05-06 22:15:00	8.55	35.62		7.18	13.22	10.34
SQU-US	2025-05-06 22:30:00	8.49	35.41		7.11	13.24	10.17
SQU-US	2025-05-06 22:45:00	8.43	34.97		7.18	13.26	10.38
SQU-US	2025-05-06 23:00:00	8.35	35.21		7.17	13.26	12.21
SQU-US	2025-05-06 23:15:00	8.28	34.82		7.16	13.29	10.55
SQU-US	2025-05-06 23:30:00	8.18	34.27		7.11	13.32	12.91
SQU-US	2025-05-06 23:45:00	8.12	34.80		7.14	13.35	11.28
SQU-US	2025-05-07 00:00:00	8.02	33.85		7.16	13.38	11.60
SQU-US	2025-05-07 00:15:00	7.93	34.09		7.15	13.42	12.90
SQU-US	2025-05-07 00:30:00	7.86	33.89		7.12	13.44	9.62
SQU-US	2025-05-07 00:45:00	7.78	33.47		7.17	13.48	12.73
SQU-US	2025-05-07 01:00:00	7.72	33.48		7.18	13.51	10.48
SQU-US	2025-05-07 01:15:00	7.63	32.82		7.13	13.54	10.69
SQU-US	2025-05-07 01:30:00	7.55	32.96		7.10	13.58	14.06
SQU-US	2025-05-07 01:45:00	7.49	32.23		7.15	13.61	9.82
SQU-US	2025-05-07 02:00:00	7.40	31.77		7.17	13.63	11.60
SQU-US	2025-05-07 02:15:00	7.35	31.60		7.19	13.66	14.11
SQU-US	2025-05-07 02:30:00	7.30	31.64		7.13	13.67	15.08
SQU-US	2025-05-07 02:45:00	7.24	31.62		7.12	13.69	9.38
SQU-US	2025-05-07 03:00:00	7.17	31.11		7.15	13.73	11.36
SQU-US	2025-05-07 03:15:00	7.10	31.27		7.08	13.74	9.76
SQU-US	2025-05-07 03:30:00	7.06	31.73		7.11	13.74	10.24
SQU-US	2025-05-07 03:45:00	6.99	31.41		7.14	13.78	12.12
SQU-US	2025-05-07 04:00:00	6.96	31.88		7.04	13.76	13.52

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-07 04:15:00	6.93	31.97		7.17	13.77	10.60
SQU-US	2025-05-07 04:30:00	6.89	31.94		7.11	13.77	11.92
SQU-US	2025-05-07 04:45:00	6.84	31.72		7.12	13.78	10.09
SQU-US	2025-05-07 05:00:00	6.83	31.94		7.15	13.76	11.27
SQU-US	2025-05-07 05:15:00	6.78	31.65		7.09	13.79	9.99
SQU-US	2025-05-07 05:30:00	6.77	31.92		7.04	13.78	10.54
SQU-US	2025-05-07 05:45:00	6.71	31.43		7.13	13.82	11.90
SQU-US	2025-05-07 06:00:00	6.68	31.08		7.16	13.85	11.01
SQU-US	2025-05-07 06:15:00	6.66	30.76		7.14	13.86	11.84
SQU-US	2025-05-07 06:30:00	6.62	30.78		7.10	13.89	12.74
SQU-US	2025-05-07 06:45:00	6.60	30.51		7.09	13.89	10.66
SQU-US	2025-05-07 07:00:00	6.58	30.50		7.08	13.91	8.82
SQU-US	2025-05-07 07:15:00	6.57	30.25		7.07	13.91	12.92
SQU-US	2025-05-07 07:30:00	6.53	30.25		7.09	13.94	10.24
SQU-US	2025-05-07 07:45:00	6.52	30.30		7.11	13.96	11.68
SQU-US	2025-05-07 08:00:00	6.50	30.44		7.06	13.96	10.70
SQU-US	2025-05-07 08:15:00	6.48	30.60		7.15	13.98	13.63
SQU-US	2025-05-07 08:30:00	6.49	30.33		7.09	13.99	11.20
SQU-US	2025-05-07 08:45:00	6.46	30.25		7.14	14.03	11.66
SQU-US	2025-05-07 09:00:00	6.48	30.30		7.14	14.04	10.67
SQU-US	2025-05-07 09:15:00	6.49	30.66		7.13	14.03	9.84
SQU-US	2025-05-07 09:30:00	6.50	30.53		7.09	14.06	10.48
SQU-US	2025-05-07 09:45:00	6.49	30.60		7.14	14.08	11.07
SQU-US	2025-05-07 10:00:00	6.50	30.72		7.13	14.07	12.77
SQU-US	2025-05-07 10:15:00	6.50	30.42		7.15	14.09	9.17
SQU-US	2025-05-07 10:30:00	6.52	30.86		7.13	14.09	14.99
SQU-US	2025-05-07 10:45:00	6.55	30.79		7.18	14.11	8.43
SQU-US	2025-05-07 11:00:00	6.60	30.39		7.17	14.12	10.02
SQU-US	2025-05-07 11:15:00	6.64	29.86		7.15	14.12	10.35
SQU-US	2025-05-07 11:30:00	6.68	29.48		7.14	14.12	10.37
SQU-US	2025-05-07 11:45:00	6.77	29.73		7.16	14.13	9.12
SQU-US	2025-05-07 12:00:00	6.84	29.71		7.21	14.12	11.06
SQU-US	2025-05-07 12:15:00	6.98	29.39		7.16	14.11	11.79
SQU-US	2025-05-07 12:30:00	7.02	29.20		7.17	14.12	11.73
SQU-US	2025-05-07 12:45:00	7.03	28.98		7.21	14.14	10.88
SQU-US	2025-05-07 13:00:00	7.17	29.38		7.19	14.11	12.66
SQU-US	2025-05-07 13:15:00	7.28	28.64		7.20	14.10	12.02
SQU-US	2025-05-07 13:30:00	7.38	28.71		7.11	14.09	13.34
SQU-US	2025-05-07 13:45:00	7.51	28.54		7.22	14.09	13.94
SQU-US	2025-05-07 14:00:00	7.62	28.56		7.21	14.08	11.03
SQU-US	2025-05-07 14:15:00	7.65	28.26		7.19	14.06	13.27
SQU-US	2025-05-07 14:30:00	7.67	28.02		7.19	14.05	13.85
SQU-US	2025-05-07 14:45:00	8.19	0.08		7.14	13.79	0.00
SQU-US	2025-05-07 16:00:00	8.09	31.83	0.23	6.69	11.70	10.11
SQU-US	2025-05-07 17:00:00	8.03	32.14	0.21	6.93	11.61	9.72
SQU-US	2025-05-07 18:00:00	7.91	32.09	0.23	7.15	11.57	8.50
SQU-US	2025-05-07 18:15:00	7.89	32.15	0.16	7.17	11.55	10.30
SQU-US	2025-05-07 18:30:00	7.89	32.03	0.19	7.17	11.56	8.79
SQU-US	2025-05-07 18:45:00	7.89	32.06	0.20	7.14	11.53	9.07
SQU-US	2025-05-07 19:00:00	7.87	32.21	0.19	7.15	11.53	9.60
SQU-US	2025-05-07 19:15:00	7.84	31.89	0.20	7.13	11.52	16.80
SQU-US	2025-05-07 19:30:00	7.82	32.07	0.22	7.11	11.52	16.01
SQU-US	2025-05-07 19:45:00	7.78	32.11	0.23	7.10	11.51	13.17
SQU-US	2025-05-07 20:00:00	7.75	32.16	0.23	7.11	11.51	11.99
SQU-US	2025-05-07 20:15:00	7.70	31.64	0.18	7.10	11.50	15.68

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-07 20:30:00	7.70	31.63	0.19	7.12	11.49	13.41
SQU-US	2025-05-07 20:45:00	7.66	32.23	0.19	7.08	11.48	11.11
SQU-US	2025-05-07 21:00:00	7.63	31.86	0.20	7.09	11.49	11.12
SQU-US	2025-05-07 21:15:00	7.58	31.89	0.20	7.06	11.47	11.92
SQU-US	2025-05-07 21:30:00	7.54	32.26	0.22	7.04	11.46	12.61
SQU-US	2025-05-07 21:45:00	7.49	32.19	0.23	7.05	11.48	12.19
SQU-US	2025-05-07 22:00:00	7.45	31.82	0.23	7.04	11.49	12.16
SQU-US	2025-05-07 22:15:00	7.41	31.79	0.17	7.04	11.50	10.57
SQU-US	2025-05-07 22:30:00	7.35	31.68	0.19	7.05	11.51	9.76
SQU-US	2025-05-07 22:45:00	7.31	31.43	0.19	7.05	11.53	11.93
SQU-US	2025-05-07 23:00:00	7.24	31.41	0.19	7.05	11.55	11.37
SQU-US	2025-05-07 23:15:00	7.15	31.41	0.20	7.05	11.58	13.76
SQU-US	2025-05-07 23:30:00	7.07	31.45	0.22	7.05	11.60	14.52
SQU-US	2025-05-07 23:45:00	7.00	30.93	0.22	7.05	11.64	13.67
SQU-US	2025-05-08 00:00:00	6.97	30.68	0.23	7.06	11.65	16.70
SQU-US	2025-05-08 00:15:00	6.88	30.65	0.18	7.06	11.68	14.87
SQU-US	2025-05-08 00:30:00	6.82	29.93	0.19	7.08	11.71	13.32
SQU-US	2025-05-08 00:45:00	6.76	29.78	0.19	7.08	11.74	14.95
SQU-US	2025-05-08 01:00:00	6.67	29.82	0.19	7.07	11.77	18.63
SQU-US	2025-05-08 01:15:00	6.61	29.90	0.19	7.07	11.78	14.46
SQU-US	2025-05-08 01:30:00	6.56	29.67	0.21	7.08	11.81	13.16
SQU-US	2025-05-08 01:45:00	6.49	29.47	0.22	7.06	11.84	16.87
SQU-US	2025-05-08 02:00:00	6.40	29.40	0.22	7.03	11.87	13.84
SQU-US	2025-05-08 02:15:00	6.36	29.15	0.17	7.01	11.89	16.82
SQU-US	2025-05-08 02:30:00	6.27	29.02	0.19	6.99	11.91	15.91
SQU-US	2025-05-08 02:45:00	6.21	28.93	0.18	6.97	11.94	13.83
SQU-US	2025-05-08 03:00:00	6.16	28.94	0.20	6.94	11.95	14.45
SQU-US	2025-05-08 03:15:00	6.11	29.24	0.21	6.92	11.97	15.39
SQU-US	2025-05-08 03:30:00	6.05	29.21	0.22	6.91	11.99	12.31
SQU-US	2025-05-08 03:45:00	6.01	29.22	0.23	6.92	11.98	14.93
SQU-US	2025-05-08 04:00:00	5.94	29.38	0.23	6.94	12.01	13.27
SQU-US	2025-05-08 04:15:00	5.90	29.31	0.16	6.98	12.04	13.18
SQU-US	2025-05-08 04:30:00	5.87	29.50	0.18	7.01	12.04	13.12
SQU-US	2025-05-08 04:45:00	5.84	29.53	0.18	7.05	12.03	14.03
SQU-US	2025-05-08 05:00:00	5.79	29.31	0.18	7.08	12.06	11.83
SQU-US	2025-05-08 05:15:00	5.73	29.29	0.19	7.09	12.08	14.82
SQU-US	2025-05-08 05:30:00	5.71	29.42	0.21	7.08	12.07	13.49
SQU-US	2025-05-08 05:45:00	5.68	29.21	0.22	7.08	12.07	15.84
SQU-US	2025-05-08 06:00:00	5.65	29.87	0.22	7.06	12.06	14.04
SQU-US	2025-05-08 06:15:00	5.69	29.87	0.16	7.06	12.05	12.03
SQU-US	2025-05-08 06:30:00	5.62	29.95	0.18	7.03	12.07	16.21
SQU-US	2025-05-08 06:45:00	5.60	29.88	0.19	7.01	12.07	11.74
SQU-US	2025-05-08 07:00:00	5.58	29.65	0.19	7.02	12.08	13.52
SQU-US	2025-05-08 07:15:00	5.52	30.02	0.20	6.99	12.11	11.50
SQU-US	2025-05-08 07:30:00	5.52	29.91	0.22	6.99	12.12	12.43
SQU-US	2025-05-08 07:45:00	5.50	29.77	0.23	6.98	12.12	10.65
SQU-US	2025-05-08 08:00:00	5.51	29.51	0.24	7.00	12.14	11.15
SQU-US	2025-05-08 08:15:00	5.52	29.52	0.19	7.02	12.16	13.67
SQU-US	2025-05-08 08:30:00	5.57	30.01	0.21	7.00	12.18	11.61
SQU-US	2025-05-08 08:45:00	5.61	30.01	0.21	7.01	12.17	12.33
SQU-US	2025-05-08 09:00:00	5.70	29.72	0.20	7.01	12.19	13.88
SQU-US	2025-05-08 09:15:00	5.75	29.54	0.22	6.98	12.22	10.15
SQU-US	2025-05-08 09:30:00	5.80	29.88	0.24	6.97	12.21	13.52
SQU-US	2025-05-08 09:45:00	5.88	30.11	0.25	6.97	12.21	9.08
SQU-US	2025-05-08 10:00:00	5.95	30.44	0.25	6.97	12.20	11.93

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-08 10:15:00	6.07	30.32	0.19	6.97	12.19	11.93
SQU-US	2025-05-08 10:30:00	6.14	31.11	0.21	6.99	12.19	10.43
SQU-US	2025-05-08 10:45:00	6.21	30.41	0.22	6.98	12.19	12.72
SQU-US	2025-05-08 11:00:00	6.30	31.08	0.21	6.99	12.18	7.91
SQU-US	2025-05-08 11:15:00	6.32	30.80	0.23	6.92	12.18	13.19
SQU-US	2025-05-08 11:30:00	6.33	30.26	0.24	6.94	12.19	12.46
SQU-US	2025-05-08 11:45:00	6.41	30.64	0.25	6.97	12.18	11.38
SQU-US	2025-05-08 12:00:00	6.42	31.29	0.26	6.97	12.16	13.01
SQU-US	2025-05-08 12:15:00	6.56	31.23	0.21	7.00	12.16	12.82
SQU-US	2025-05-08 12:30:00	6.67	30.54	0.23	6.96	12.16	10.69
SQU-US	2025-05-08 12:45:00	6.78	30.47	0.23	7.00	12.14	10.35
SQU-US	2025-05-08 13:00:00	6.90	31.20	0.22	7.01	12.11	10.44
SQU-US	2025-05-08 13:15:00	6.99	30.66	0.24	6.96	12.10	12.80
SQU-US	2025-05-08 13:30:00	7.07	30.63	0.25	6.96	12.08	11.86
SQU-US	2025-05-08 13:45:00	7.17	30.73	0.26	6.98	12.06	13.92
SQU-US	2025-05-08 14:00:00	7.26	30.91	0.26	6.95	12.04	9.50
SQU-US	2025-05-08 14:15:00	7.32	30.84	0.20	7.00	12.03	13.10
SQU-US	2025-05-08 14:30:00	7.37	30.98	0.22	7.00	12.01	7.71
SQU-US	2025-05-08 14:45:00	7.37	30.71	0.22	7.04	11.98	8.21
SQU-US	2025-05-08 15:00:00	7.37	30.93	0.22	7.03	11.98	8.63
SQU-US	2025-05-08 15:15:00	7.40	31.07	0.23	6.97	11.96	10.84
SQU-US	2025-05-08 15:30:00	7.39	31.39	0.25	6.97	11.95	7.01
SQU-US	2025-05-08 15:45:00	7.34	31.53	0.26	6.99	11.95	13.50
SQU-US	2025-05-08 16:00:00	7.29	31.55	0.26	7.00	11.94	8.20
SQU-US	2025-05-08 16:15:00	7.30	31.99	0.21	7.02	11.94	11.86
SQU-US	2025-05-08 16:30:00	7.32	31.94	0.22	7.04	11.91	9.91
SQU-US	2025-05-08 16:45:00	7.33	32.00	0.22	7.00	11.90	10.31
SQU-US	2025-05-08 17:00:00	7.34	32.12	0.22	7.05	11.89	11.73
SQU-US	2025-05-08 17:15:00	7.31	32.16	0.23	7.00	11.89	7.58
SQU-US	2025-05-08 17:30:00	7.31	32.47	0.25	6.97	11.87	10.21
SQU-US	2025-05-08 17:45:00	7.28	32.18	0.25	6.98	11.87	11.56
SQU-US	2025-05-08 18:00:00	7.25	32.43	0.26	6.99	11.84	7.73
SQU-US	2025-05-08 18:15:00	7.24	32.59	0.21	7.02	11.83	7.52
SQU-US	2025-05-08 18:30:00	7.21	32.39	0.21	7.03	11.82	8.58
SQU-US	2025-05-08 18:45:00	7.19	32.43	0.21	7.01	11.81	8.43
SQU-US	2025-05-08 19:00:00	7.17	32.78	0.22		11.79	6.31
SQU-US	2025-05-08 19:15:00	7.16	32.53	0.23	7.01	11.79	8.38
SQU-US	2025-05-08 19:30:00	7.14	32.98	0.24	7.00	11.77	9.20
SQU-US	2025-05-08 19:45:00	7.14	33.25	0.25	6.96	11.75	6.55
SQU-US	2025-05-08 20:00:00	7.13	33.44	0.25	6.99	11.74	6.38
SQU-US	2025-05-08 20:15:00	7.11	33.00	0.20	7.01	11.72	7.14
SQU-US	2025-05-08 20:30:00	7.08	33.40	0.21	6.99	11.71	6.45
SQU-US	2025-05-08 20:45:00	7.05	33.65	0.21	7.01	11.70	7.68
SQU-US	2025-05-08 21:00:00	7.02	34.09	0.22	6.98	11.69	10.36
SQU-US	2025-05-08 21:15:00	6.98	33.78	0.23	6.98	11.70	5.61
SQU-US	2025-05-08 21:30:00	6.95	34.02	0.24	6.96	11.67	10.18
SQU-US	2025-05-08 21:45:00	6.90	33.73	0.25	6.95	11.68	8.51
SQU-US	2025-05-08 22:00:00	6.88	34.13	0.25	6.97	11.68	9.58
SQU-US	2025-05-08 22:15:00	6.84	34.28	0.19	7.00	11.68	7.77
SQU-US	2025-05-08 22:30:00	6.80	34.71	0.20	6.99	11.67	8.18
SQU-US	2025-05-08 22:45:00	6.77	34.14	0.21	6.98	11.68	5.89
SQU-US	2025-05-08 23:00:00	6.75	34.19	0.21	7.00	11.68	5.16
SQU-US	2025-05-08 23:15:00	6.72	34.51	0.22	6.97	11.68	9.23
SQU-US	2025-05-08 23:30:00	6.70	34.56	0.24	6.96	11.69	6.09
SQU-US	2025-05-08 23:45:00	6.65	34.71	0.25	6.94	11.67	6.57

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-09 00:00:00	6.63	34.86	0.25	6.95	11.68	12.17
SQU-US	2025-05-09 00:15:00	6.60	35.10	0.20	6.98	11.68	8.45
SQU-US	2025-05-09 00:30:00	6.56	34.77	0.21	6.99	11.70	7.80
SQU-US	2025-05-09 00:45:00	6.52	34.62	0.21	6.98	11.71	7.74
SQU-US	2025-05-09 01:00:00	6.47	34.73	0.22	6.90	11.71	6.89
SQU-US	2025-05-09 01:15:00	6.43	34.95	0.22	6.96	11.71	6.24
SQU-US	2025-05-09 01:30:00	6.40	34.88	0.24	6.96	11.72	8.73
SQU-US	2025-05-09 01:45:00	6.35	34.81	0.25	6.95	11.73	8.05
SQU-US	2025-05-09 02:00:00	6.31	34.35	0.25	6.97	11.77	12.64
SQU-US	2025-05-09 02:15:00	6.27	34.42	0.20	6.98	11.77	8.25
SQU-US	2025-05-09 02:30:00	6.24	34.43	0.20	6.99	11.78	8.37
SQU-US	2025-05-09 02:45:00	6.18	34.52	0.20	7.00	11.80	8.75
SQU-US	2025-05-09 03:00:00	6.15	34.57	0.21	6.97	11.80	6.35
SQU-US	2025-05-09 03:15:00	6.10	34.39	0.22	6.97	11.82	5.60
SQU-US	2025-05-09 03:30:00	6.05	34.46	0.24	6.98	11.84	5.34
SQU-US	2025-05-09 03:45:00	6.02	34.36	0.25	6.98	11.85	8.18
SQU-US	2025-05-09 04:00:00	6.00	34.31	0.25	6.99	11.86	6.90
SQU-US	2025-05-09 04:15:00	5.93	34.54	0.17	7.03	11.88	6.22
SQU-US	2025-05-09 04:30:00	5.90	34.87	0.19	7.03	11.89	3.39
SQU-US	2025-05-09 04:45:00	5.88	35.71	0.20	7.02	11.86	6.15
SQU-US	2025-05-09 05:00:00	5.87	36.05	0.20	7.00	11.84	6.96
SQU-US	2025-05-09 05:15:00	5.83	36.13	0.22	6.96	11.86	6.31
SQU-US	2025-05-09 05:30:00	5.81	36.71	0.24	6.97	11.84	10.86
SQU-US	2025-05-09 05:45:00	5.77	36.47	0.24	6.94	11.85	7.65
SQU-US	2025-05-09 06:00:00	5.78	36.46	0.25	6.95	11.87	8.96
SQU-US	2025-05-09 06:15:00	5.74	36.60	0.19	6.99	11.87	7.29
SQU-US	2025-05-09 06:30:00	5.72	36.39	0.20	7.00	11.89	10.17
SQU-US	2025-05-09 06:45:00	5.72	36.38	0.21	6.96	11.90	7.17
SQU-US	2025-05-09 07:00:00	5.71	36.38	0.20	7.00	11.92	8.95
SQU-US	2025-05-09 07:15:00	5.70	36.10	0.22	6.99	11.95	6.34
SQU-US	2025-05-09 07:30:00	5.70	36.23	0.24	6.98	11.97	7.47
SQU-US	2025-05-09 07:45:00	5.73	36.08	0.25	6.97	11.98	9.55
SQU-US	2025-05-09 08:00:00	5.76	36.20	0.25	6.98	12.00	8.22
SQU-US	2025-05-09 08:15:00	5.76	36.32	0.20	6.99	12.04	6.65
SQU-US	2025-05-09 08:30:00	5.78	36.19	0.18	7.04	12.04	7.02
SQU-US	2025-05-09 08:45:00	5.80	36.52	0.20	6.98	12.04	5.66
SQU-US	2025-05-09 09:00:00	5.83	36.60	0.21	7.03	12.05	9.32
SQU-US	2025-05-09 09:15:00	5.85	36.40	0.23	7.00	12.07	5.36
SQU-US	2025-05-09 09:30:00	5.88	36.09	0.24	7.02	12.08	6.07
SQU-US	2025-05-09 09:45:00	5.91	36.07	0.25	6.98	12.09	3.79
SQU-US	2025-05-09 10:00:00	5.97	36.62	0.26	7.01	12.07	4.38
SQU-US	2025-05-09 10:15:00	6.05	36.44	0.19	7.00	12.06	22.99
SQU-US	2025-05-09 10:30:00	6.11	36.94	0.21	7.05	12.05	5.33
SQU-US	2025-05-09 10:45:00	6.16	37.14	0.22	7.03	12.05	7.19
SQU-US	2025-05-09 11:00:00	6.23	37.11	0.22	7.04	12.06	8.52
SQU-US	2025-05-09 11:15:00	6.28	37.49	0.23	7.02	12.04	6.81
SQU-US	2025-05-09 11:30:00	6.34	37.27	0.25	7.03	12.05	6.39
SQU-US	2025-05-09 11:45:00	6.41	37.12	0.26	7.02	12.03	6.63
SQU-US	2025-05-09 12:00:00	6.48	37.06	0.26	7.03	12.03	4.50
SQU-US	2025-05-09 12:15:00	6.53	36.72	0.20	7.04	12.03	7.52
SQU-US	2025-05-09 12:30:00	6.57	37.02	0.22	7.00	12.00	5.77
SQU-US	2025-05-09 12:45:00	6.63	37.46	0.22	7.04	11.97	5.64
SQU-US	2025-05-09 13:00:00	6.66	37.67	0.21	7.05	11.96	6.09
SQU-US	2025-05-09 13:15:00	6.71	38.06	0.23	7.02	11.94	4.71
SQU-US	2025-05-09 13:30:00	6.75	37.86	0.25	7.04	11.94	4.11

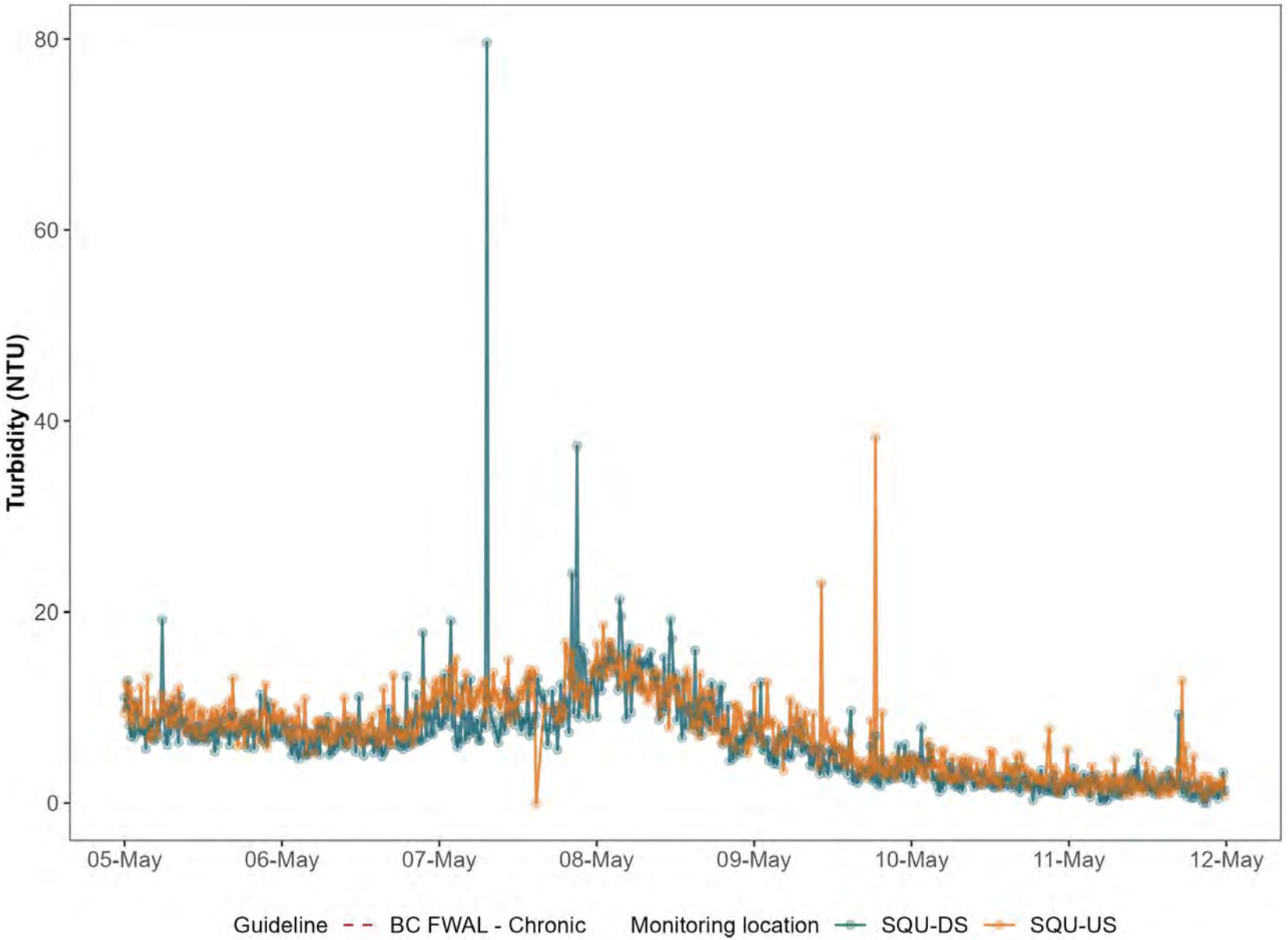
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-09 13:45:00	6.79	38.09	0.26	7.03	11.93	5.55
SQU-US	2025-05-09 14:00:00	6.85	38.28	0.26	7.04	11.92	5.28
SQU-US	2025-05-09 14:15:00	6.90	37.83	0.21	7.04	11.92	3.83
SQU-US	2025-05-09 14:30:00	6.93	37.92	0.21	7.08	11.90	4.94
SQU-US	2025-05-09 14:45:00	6.97	38.17	0.21	7.04	11.89	7.07
SQU-US	2025-05-09 15:00:00	7.00	37.96	0.22	7.05	11.88	5.09
SQU-US	2025-05-09 15:15:00	7.03	38.27	0.23	7.04	11.84	4.29
SQU-US	2025-05-09 15:30:00	7.06	38.13	0.25	7.03	11.85	4.34
SQU-US	2025-05-09 15:45:00	7.07	38.36	0.25	7.05	11.84	3.61
SQU-US	2025-05-09 16:00:00	7.11	38.30	0.26	7.03	11.82	2.94
SQU-US	2025-05-09 16:15:00	7.12	38.17	0.21	7.09	11.83	4.38
SQU-US	2025-05-09 16:30:00	7.17	38.64	0.22	7.04	11.80	3.88
SQU-US	2025-05-09 16:45:00	7.16	38.17	0.22	7.08	11.81	3.44
SQU-US	2025-05-09 17:00:00	7.18	37.98	0.22	7.09	11.79	2.64
SQU-US	2025-05-09 17:15:00	7.21	38.41	0.23	7.05	11.78	4.39
SQU-US	2025-05-09 17:30:00	7.24	38.57	0.24	7.06	11.77	3.01
SQU-US	2025-05-09 17:45:00	7.27	38.54	0.25	7.04	11.74	8.68
SQU-US	2025-05-09 18:00:00	7.30	38.62	0.26	7.06	11.74	3.22
SQU-US	2025-05-09 18:15:00	7.33	38.36	0.20	7.09	11.74	3.48
SQU-US	2025-05-09 18:30:00	7.36	39.13	0.21	7.08	11.71	38.27
SQU-US	2025-05-09 18:45:00	7.39	39.35	0.21	7.00	11.68	3.87
SQU-US	2025-05-09 19:00:00	7.41	39.55	0.20	7.09	11.66	4.45
SQU-US	2025-05-09 19:15:00	7.43	39.57	0.22	7.06	11.65	3.41
SQU-US	2025-05-09 19:30:00	7.45	39.72	0.24	7.05	11.62	9.47
SQU-US	2025-05-09 19:45:00	7.45	39.76	0.25	6.99	11.61	2.85
SQU-US	2025-05-09 20:00:00	7.43	39.84	0.25	7.03	11.60	3.45
SQU-US	2025-05-09 20:15:00	7.43	40.37	0.19	7.07	11.57	3.19
SQU-US	2025-05-09 20:30:00	7.42	40.46	0.20	7.06	11.54	4.55
SQU-US	2025-05-09 20:45:00	7.41	39.99	0.21	7.06	11.53	2.94
SQU-US	2025-05-09 21:00:00	7.40	40.03	0.21	7.06	11.52	3.99
SQU-US	2025-05-09 21:15:00	7.38	40.17	0.23	7.02	11.47	3.28
SQU-US	2025-05-09 21:30:00	7.36	40.19	0.24	7.01	11.47	4.89
SQU-US	2025-05-09 21:45:00	7.35	40.04	0.25	7.02	11.46	2.53
SQU-US	2025-05-09 22:00:00	7.34	39.88	0.25	7.02	11.45	3.42
SQU-US	2025-05-09 22:15:00	7.32	40.13	0.20	7.05	11.43	3.95
SQU-US	2025-05-09 22:30:00	7.30	39.76	0.20	7.04	11.44	4.42
SQU-US	2025-05-09 22:45:00	7.30	40.20	0.22	7.05	11.43	4.54
SQU-US	2025-05-09 23:00:00	7.29	40.01	0.22		11.43	3.70
SQU-US	2025-05-09 23:15:00	7.27	39.98	0.23	7.00	11.43	3.66
SQU-US	2025-05-09 23:30:00	7.25	40.02	0.24	6.99	11.43	4.92
SQU-US	2025-05-09 23:45:00	7.24	40.01	0.25	7.00	11.44	4.13
SQU-US	2025-05-10 00:00:00	7.22	39.98	0.25	6.99	11.44	4.00
SQU-US	2025-05-10 00:15:00	7.19	40.12	0.19	7.02	11.43	4.26
SQU-US	2025-05-10 00:30:00	7.18	39.93	0.20	7.00	11.44	4.91
SQU-US	2025-05-10 00:45:00	7.14	40.16	0.20	7.00	11.44	4.42
SQU-US	2025-05-10 01:00:00	7.13	39.88	0.21	7.01	11.46	3.06
SQU-US	2025-05-10 01:15:00	7.09	39.95	0.23	6.97	11.46	3.44
SQU-US	2025-05-10 01:30:00	7.06	39.56	0.24	7.00	11.47	4.18
SQU-US	2025-05-10 01:45:00	7.03	39.67	0.25	7.00	11.47	3.68
SQU-US	2025-05-10 02:00:00	7.01	39.82	0.25	6.99	11.47	2.87
SQU-US	2025-05-10 02:15:00	6.97	39.70	0.21	6.97	11.49	2.57
SQU-US	2025-05-10 02:30:00	6.92	39.64	0.21	6.99	11.50	6.40
SQU-US	2025-05-10 02:45:00	6.90	39.42	0.20	7.04	11.52	3.63
SQU-US	2025-05-10 03:00:00	6.85	39.28	0.21	7.03	11.53	4.13
SQU-US	2025-05-10 03:15:00	6.82	39.17	0.22	7.00	11.53	5.71

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-10 03:30:00	6.78	39.28	0.24	6.96	11.54	3.71
SQU-US	2025-05-10 03:45:00	6.74	39.30	0.25	6.99	11.54	4.13
SQU-US	2025-05-10 04:00:00	6.71	39.36	0.25	6.99	11.57	3.97
SQU-US	2025-05-10 04:15:00	6.67	39.31	0.18	7.04	11.57	2.73
SQU-US	2025-05-10 04:30:00	6.64	39.39	0.20	7.04	11.59	5.38
SQU-US	2025-05-10 04:45:00	6.61	39.86	0.20	7.05	11.59	2.79
SQU-US	2025-05-10 05:00:00	6.57	40.16	0.20	7.04	11.58	5.57
SQU-US	2025-05-10 05:15:00	6.56	40.69	0.22	7.00	11.57	3.51
SQU-US	2025-05-10 05:30:00	6.54	40.47	0.24	6.98	11.58	2.76
SQU-US	2025-05-10 05:45:00	6.53	40.94	0.24	6.99	11.58	2.59
SQU-US	2025-05-10 06:00:00	6.50	40.84	0.25	7.01	11.59	2.39
SQU-US	2025-05-10 06:15:00	6.50	41.32	0.19	7.01	11.59	4.68
SQU-US	2025-05-10 06:30:00	6.48	41.00	0.20	7.03	11.59	2.56
SQU-US	2025-05-10 06:45:00	6.48	40.96	0.20	7.05	11.59	2.51
SQU-US	2025-05-10 07:00:00	6.48	40.98	0.20	7.05	11.58	2.72
SQU-US	2025-05-10 07:15:00	6.46	40.47	0.22	7.00	11.62	3.47
SQU-US	2025-05-10 07:30:00	6.46	40.57	0.24	7.00	11.61	4.52
SQU-US	2025-05-10 07:45:00	6.47	40.28	0.25	7.00	11.64	4.24
SQU-US	2025-05-10 08:00:00	6.46	40.45	0.25		11.66	2.44
SQU-US	2025-05-10 08:15:00	6.47	40.23	0.19	7.06	11.66	4.70
SQU-US	2025-05-10 08:30:00	6.47	40.19	0.20	7.02	11.68	3.74
SQU-US	2025-05-10 08:45:00	6.47	40.08	0.21	7.03	11.70	3.34
SQU-US	2025-05-10 09:00:00	6.49	40.41	0.21		11.70	4.53
SQU-US	2025-05-10 09:15:00	6.50	40.17	0.23	7.02	11.73	2.86
SQU-US	2025-05-10 09:30:00	6.50	40.18	0.25	7.04	11.73	2.81
SQU-US	2025-05-10 09:45:00	6.51	40.02	0.25	7.04	11.73	3.06
SQU-US	2025-05-10 10:00:00	6.53	40.08	0.26	7.03	11.74	4.24
SQU-US	2025-05-10 10:15:00	6.54	40.10	0.21	7.02	11.74	2.38
SQU-US	2025-05-10 10:30:00	6.56	40.71	0.22	7.08	11.72	1.91
SQU-US	2025-05-10 10:45:00	6.58	40.58	0.22	7.04	11.74	2.12
SQU-US	2025-05-10 11:00:00	6.61	40.70	0.22	7.07	11.74	3.35
SQU-US	2025-05-10 11:15:00	6.66	40.68	0.23	7.08	11.73	4.04
SQU-US	2025-05-10 11:30:00	6.69	40.84	0.25	7.02	11.74	2.38
SQU-US	2025-05-10 11:45:00	6.75	41.12	0.25	7.06	11.73	2.58
SQU-US	2025-05-10 12:00:00	6.80	41.08	0.26	7.06	11.73	5.46
SQU-US	2025-05-10 12:15:00	6.88	41.20	0.21	7.07	11.73	2.38
SQU-US	2025-05-10 12:30:00	6.97	41.14	0.22	7.08	11.73	5.32
SQU-US	2025-05-10 12:45:00	7.05	41.32	0.22	7.07	11.72	2.44
SQU-US	2025-05-10 13:00:00	7.11	41.15	0.23		11.72	2.71
SQU-US	2025-05-10 13:15:00	7.17	41.21	0.24	7.07	11.72	1.72
SQU-US	2025-05-10 13:30:00	7.23	41.16	0.25	7.04	11.71	2.23
SQU-US	2025-05-10 13:45:00	7.30	41.33	0.26	7.05	11.70	2.06
SQU-US	2025-05-10 14:00:00	7.35	40.91	0.26	7.08	11.70	3.41
SQU-US	2025-05-10 14:15:00	7.38	41.04	0.22	7.12	11.70	4.35
SQU-US	2025-05-10 14:30:00	7.42	41.08	0.23	7.08	11.67	3.80
SQU-US	2025-05-10 14:45:00	7.40	41.01	0.22	7.12	11.66	3.35
SQU-US	2025-05-10 15:00:00	7.38	40.94	0.22	7.09	11.67	3.61
SQU-US	2025-05-10 15:15:00	7.36	41.11	0.23	7.07	11.65	3.25
SQU-US	2025-05-10 15:30:00	7.34	40.95	0.25	7.08	11.66	1.96
SQU-US	2025-05-10 15:45:00	7.32	41.02	0.26	7.07	11.66	3.56
SQU-US	2025-05-10 16:00:00	7.29	41.21	0.26	7.08	11.65	4.99
SQU-US	2025-05-10 16:15:00	7.26	40.95	0.20	7.03	11.65	2.55
SQU-US	2025-05-10 16:30:00	7.24	40.77	0.22	7.07	11.67	3.63
SQU-US	2025-05-10 16:45:00	7.19	40.29	0.22	7.06	11.66	4.96
SQU-US	2025-05-10 17:00:00	7.15	40.48	0.21	7.11	11.66	3.78

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-10 17:15:00	7.13	40.44	0.23	7.09	11.66	3.58
SQU-US	2025-05-10 17:30:00	7.13	40.31	0.24	7.09	11.65	2.11
SQU-US	2025-05-10 17:45:00	7.12	40.14	0.25	7.10	11.67	1.46
SQU-US	2025-05-10 18:00:00	7.12	40.17	0.26	7.07	11.67	3.26
SQU-US	2025-05-10 18:15:00	7.10	40.45	0.21	7.12	11.65	3.12
SQU-US	2025-05-10 18:30:00	7.11	40.94	0.22	7.09	11.66	2.84
SQU-US	2025-05-10 18:45:00	7.11	41.22	0.23	7.08	11.64	2.25
SQU-US	2025-05-10 19:00:00	7.11	41.52	0.22	7.08	11.64	2.84
SQU-US	2025-05-10 19:15:00	7.13	42.07	0.23	7.08	11.61	2.55
SQU-US	2025-05-10 19:30:00	7.15	42.10	0.24	7.06	11.59	2.36
SQU-US	2025-05-10 19:45:00	7.13	42.51	0.25	7.06	11.58	2.53
SQU-US	2025-05-10 20:00:00	7.13	42.80	0.26	7.07	11.57	2.51
SQU-US	2025-05-10 20:15:00	7.12	42.97	0.21	7.10	11.55	1.86
SQU-US	2025-05-10 20:30:00	7.10	43.02	0.22	7.07	11.54	2.41
SQU-US	2025-05-10 20:45:00	7.08	42.80	0.21	7.07	11.54	5.92
SQU-US	2025-05-10 21:00:00	7.05	42.72	0.21	7.08	11.50	7.78
SQU-US	2025-05-10 21:15:00	7.04	42.87	0.23	7.06	11.48	2.75
SQU-US	2025-05-10 21:30:00	7.03	42.87	0.24	7.05	11.47	3.89
SQU-US	2025-05-10 21:45:00	7.02	42.64	0.25	7.04	11.46	1.79
SQU-US	2025-05-10 22:00:00	7.01	42.30	0.26	7.06	11.46	3.38
SQU-US	2025-05-10 22:15:00	6.99	42.61	0.20	7.07	11.45	1.22
SQU-US	2025-05-10 22:30:00	6.99	42.43	0.22	7.06	11.44	1.01
SQU-US	2025-05-10 22:45:00	6.97	42.29	0.23	7.00	11.44	2.17
SQU-US	2025-05-10 23:00:00	6.96	42.01	0.22	7.09	11.45	2.89
SQU-US	2025-05-10 23:15:00	6.95	42.38	0.23	7.04	11.42	1.92
SQU-US	2025-05-10 23:30:00	6.94	42.16	0.24	7.05	11.44	2.32
SQU-US	2025-05-10 23:45:00	6.94	41.98	0.25	7.04	11.44	5.58
SQU-US	2025-05-11 00:00:00	6.92	42.04	0.26	7.06	11.44	2.90
SQU-US	2025-05-11 00:15:00	6.91	41.82	0.21	7.04	11.46	2.65
SQU-US	2025-05-11 00:30:00	6.89	41.98	0.21	7.03	11.44	3.02
SQU-US	2025-05-11 00:45:00	6.87	41.68	0.21	7.07	11.45	2.28
SQU-US	2025-05-11 01:00:00	6.84	41.60	0.22		11.46	2.67
SQU-US	2025-05-11 01:15:00	6.83	41.51	0.23	7.05	11.47	1.95
SQU-US	2025-05-11 01:30:00	6.80	41.77	0.24	7.02	11.48	2.66
SQU-US	2025-05-11 01:45:00	6.78	41.23	0.25	7.02	11.50	1.21
SQU-US	2025-05-11 02:00:00	6.75	41.72	0.26	7.02	11.49	1.23
SQU-US	2025-05-11 02:15:00	6.71	41.62	0.22	7.06	11.50	1.49
SQU-US	2025-05-11 02:30:00	6.70	41.62	0.22	7.05	11.50	2.03
SQU-US	2025-05-11 02:45:00	6.65	41.55	0.21	7.08	11.53	2.22
SQU-US	2025-05-11 03:00:00	6.61	41.27	0.22	7.05	11.53	2.43
SQU-US	2025-05-11 03:15:00	6.57	41.20	0.23	7.04	11.53	1.03
SQU-US	2025-05-11 03:30:00	6.54	40.94	0.24	7.04	11.55	3.93
SQU-US	2025-05-11 03:45:00	6.50	40.82	0.25	7.04	11.57	2.27
SQU-US	2025-05-11 04:00:00	6.46	40.77	0.26	7.04	11.58	1.45
SQU-US	2025-05-11 04:15:00	6.42	40.64	0.21	7.08	11.59	2.98
SQU-US	2025-05-11 04:30:00	6.38	40.47	0.22	7.08	11.61	1.78
SQU-US	2025-05-11 04:45:00	6.34	40.47	0.21	7.07	11.62	2.39
SQU-US	2025-05-11 05:00:00	6.33	41.43	0.22		11.59	1.64
SQU-US	2025-05-11 05:15:00	6.32	41.49	0.23	7.04	11.61	1.22
SQU-US	2025-05-11 05:30:00	6.28	41.73	0.24	7.04	11.62	2.45
SQU-US	2025-05-11 05:45:00	6.29	42.22	0.25	7.05	11.59	3.00
SQU-US	2025-05-11 06:00:00	6.28	42.29	0.26		11.58	2.23
SQU-US	2025-05-11 06:15:00	6.26	42.34	0.22	7.05	11.59	1.35
SQU-US	2025-05-11 06:30:00	6.27	43.25	0.23	7.03	11.57	2.02
SQU-US	2025-05-11 06:45:00	6.26	43.01	0.23	7.06	11.58	2.35

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-05-11 07:00:00	6.26	43.00	0.22	7.08	11.60	4.61
SQU-US	2025-05-11 07:15:00	6.26	42.53	0.23	7.05	11.63	1.75
SQU-US	2025-05-11 07:30:00	6.29	42.74	0.25	7.04	11.64	2.41
SQU-US	2025-05-11 07:45:00	6.31	42.29	0.26	7.05	11.66	1.13
SQU-US	2025-05-11 08:00:00	6.33	42.04	0.26	7.04	11.68	2.66
SQU-US	2025-05-11 08:15:00	6.34	41.91	0.22	7.06	11.70	2.50
SQU-US	2025-05-11 08:30:00	6.35	41.81	0.23	7.07	11.71	1.72
SQU-US	2025-05-11 08:45:00	6.35	41.66	0.23	7.11	11.72	0.90
SQU-US	2025-05-11 09:00:00	6.35	41.67	0.23	7.10	11.71	1.67
SQU-US	2025-05-11 09:15:00	6.37	41.74	0.24	7.07	11.72	2.80
SQU-US	2025-05-11 09:30:00	6.38	41.77	0.25	7.05	11.74	0.84
SQU-US	2025-05-11 09:45:00	6.41	41.75	0.26	7.08	11.73	2.04
SQU-US	2025-05-11 10:00:00	6.45	41.56	0.26	7.08	11.74	2.38
SQU-US	2025-05-11 10:15:00	6.54	41.57	0.22	7.13	11.76	1.32
SQU-US	2025-05-11 10:30:00	6.63	41.60	0.23	7.09	11.74	1.65
SQU-US	2025-05-11 10:45:00	6.66	42.16	0.23	7.07	11.71	1.73
SQU-US	2025-05-11 11:00:00	6.72	42.15	0.23	7.11	11.71	1.75
SQU-US	2025-05-11 11:15:00	6.80	42.06	0.24	7.08	11.72	1.05
SQU-US	2025-05-11 11:30:00	6.89	42.64	0.25	7.09	11.70	2.09
SQU-US	2025-05-11 11:45:00	6.97	42.92	0.26	7.09	11.69	4.28
SQU-US	2025-05-11 12:00:00	7.06	42.84	0.27	7.08	11.66	2.82
SQU-US	2025-05-11 12:15:00	7.14	42.87	0.24	7.12	11.66	1.45
SQU-US	2025-05-11 12:30:00	7.26	43.14	0.24	7.08	11.66	2.44
SQU-US	2025-05-11 12:45:00	7.38	43.19	0.24	7.08	11.64	3.37
SQU-US	2025-05-11 13:00:00	7.47	42.97	0.24	7.12	11.61	2.52
SQU-US	2025-05-11 13:15:00	7.46	42.56	0.25	7.08	11.62	1.88
SQU-US	2025-05-11 13:30:00	7.45	42.99	0.26	7.08	11.61	1.53
SQU-US	2025-05-11 13:45:00	7.48	43.72	0.27	7.06	11.58	1.02
SQU-US	2025-05-11 14:00:00	7.45	42.19	0.27	7.11	11.62	0.84
SQU-US	2025-05-11 14:15:00	7.49	41.78	0.26	7.07	11.62	2.88
SQU-US	2025-05-11 14:30:00	7.64	42.22	0.25	7.12	11.61	1.49
SQU-US	2025-05-11 14:45:00	7.74	42.19	0.25	7.12	11.59	1.46
SQU-US	2025-05-11 15:00:00	7.74	42.18	0.24	7.13	11.57	1.95
SQU-US	2025-05-11 15:15:00	7.86	42.46	0.25	7.12	11.57	0.95
SQU-US	2025-05-11 15:30:00	7.97	42.48	0.26	7.09	11.54	1.08
SQU-US	2025-05-11 15:45:00	8.03	42.08	0.27	7.11	11.52	3.16
SQU-US	2025-05-11 16:00:00	8.06	42.05	0.27	7.14	11.51	2.33
SQU-US	2025-05-11 16:15:00	8.07	42.28	0.26	7.10	11.48	1.74
SQU-US	2025-05-11 16:30:00	8.06	42.40	0.24	7.13	11.48	1.50
SQU-US	2025-05-11 16:45:00	8.03	41.77	0.24	7.14	11.48	4.30
SQU-US	2025-05-11 17:00:00	8.02	41.71	0.24	7.15	11.50	3.65
SQU-US	2025-05-11 17:15:00	8.02	41.52	0.25	7.11	11.52	12.79
SQU-US	2025-05-11 17:30:00	8.02	41.44	0.26	7.11	11.51	2.21
SQU-US	2025-05-11 17:45:00	8.00	41.63	0.27	7.11	11.48	5.93
SQU-US	2025-05-11 18:00:00	7.96	41.18	0.27	7.13	11.50	3.74
SQU-US	2025-05-11 18:15:00	7.92	41.31	0.23	7.18	11.51	1.35
SQU-US	2025-05-11 18:30:00	7.92	41.06	0.23	7.18	11.51	2.69
SQU-US	2025-05-11 18:45:00	7.88	41.01	0.23	7.19	11.49	3.44
SQU-US	2025-05-11 19:00:00	7.85	41.33	0.23	7.20	11.45	4.93
SQU-US	2025-05-11 19:15:00	7.82	41.88	0.24	7.14	11.45	1.52
SQU-US	2025-05-11 19:30:00	7.82	42.90	0.25	7.13	11.40	1.86
SQU-US	2025-05-11 19:45:00	7.81	44.71	0.26	7.10	11.34	1.88
SQU-US	2025-05-11 20:00:00	7.80	44.53	0.27	7.09	11.33	1.44
SQU-US	2025-05-11 20:15:00	7.80	45.26	0.23	7.13	11.27	2.81
SQU-US	2025-05-11 20:30:00	7.78	45.55	0.23	7.12	11.26	0.74

Squamish River							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
SQU-US	2025-05-11 20:45:00	7.75	45.32	0.23	7.08	11.26	0.45
SQU-US	2025-05-11 21:00:00	7.74	44.91	0.21	7.11	11.24	2.41
SQU-US	2025-05-11 21:15:00	7.75	45.01	0.23	7.08	11.22	2.76
SQU-US	2025-05-11 21:30:00	7.75	45.32	0.24	7.07	11.20	1.27
SQU-US	2025-05-11 21:45:00	7.76	45.45	0.25	7.07	11.19	2.31
SQU-US	2025-05-11 22:00:00	7.77	45.91	0.26	7.06	11.17	1.32
SQU-US	2025-05-11 22:15:00	7.78	45.31	0.22	7.10	11.16	1.65
SQU-US	2025-05-11 22:30:00	7.77	45.42	0.23	7.11	11.16	2.14
SQU-US	2025-05-11 22:45:00	7.76	44.72	0.22	7.09	11.16	1.78
SQU-US	2025-05-11 23:00:00	7.75	44.07	0.22	7.07	11.16	1.92
SQU-US	2025-05-11 23:15:00	7.72	44.19	0.24	7.05	11.17	1.72
SQU-US	2025-05-11 23:30:00	7.69	44.21	0.25	7.05	11.17	2.57
SQU-US	2025-05-11 23:45:00	7.64	44.05	0.26	7.05	11.18	0.78


Turbidity (NTU)
80
60
40
20
0
05-May
06-May
07-May
08-May
09-May
10-May
11-May
12-May
Guideline
BC FWAL - Chronic
Monitoring location
SQU-DS
SQU-US

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: SQU-US
Site Name: Squamish River
Site UTM: Zone: E:
(NAD83) N:
Date: 06-05-2025
Time: 14:05
Crew: HM
Weather: **Clear** Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.18
Temp.: 11.9 (°C)
Turbidity: 7 NTU
DO: (mg/L)
Cond: 82 (us)

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

Photo Record

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: SQU-DS
Site Name: Squamish River
Site UTM: Zone: E:
(NAD83) N:
Date: 06-05-2025
Time: 14:25
Crew: HM
Weather: **Clear** Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.26
DO: (mg/L)
Temp.: 13.9 (°C)
Cond: 73 (us)
Turbidity: 11.7 NTU

Visible Sheen: Y / **N**

Water Surface Condition: **Clear** Turbid Foaming Ice

Photo Record

Photo

Observations

Some particles observed in the water in direct sunlight but not overly turbid. Slower flow.

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 2025-05-06 10:30:00**
In situ Parameters			
Field pH	**pH Units**	6.5 - 9	6.75
Field Temperature	**°C**	19	12
General Parameters			
pH	**pH Units**		7.42
Alkalinity (Total as $CaCO_3$)	**mg/L**		45
Alkalinity (PP as $CaCO_3$)	**mg/L**		<1
Hardness ($CaCO_3$)-Total	**mg/L**		43.5
Hardness ($CaCO_3$)-Dissolved	**mg/L**		47.8
Sulphide-Total	**mg/L**		<0.0018
Sulphide (as H_2S)	**mg/L**		<0.002
Un-ionized Hydrogen Sulfide as H_2S-Total	**mg/L**		<0.005
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**		<0.005
Anions and Nutrients			
Ammonia (N)-Total	**mg/L**	22.5	<0.015
Bicarbonate (HCO_3)	**mg/L**		55
Carbonate (CO_3)	**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**		0.182
Phosphorus (P)-Total (4500-P)	**mg/L**		0.0039
Bromide (Br)	**mg/L**		<0.01
Chloride (Cl)	**mg/L**	600	8.5
Fluoride (F)	**mg/L**	1.037	0.13
Sulphate (SO_4)-Dissolved	**mg/L**		5.8

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-06 10:30:00**
Total Metals			
Aluminum (Al)-Total	**mg/L**		0.342
Antimony (Sb)-Total	**mg/L**	0.25	0.000184
Arsenic (As)-Total	**mg/L**		0.000889
Barium (Ba)-Total	**mg/L**		0.00634
Beryllium (Be)-Total	**mg/L**		<0.00001
Bismuth (Bi)-Total	**mg/L**		0.000023
Boron (B)-Total	**mg/L**		0.014
Cadmium (Cd)-Total	**mg/L**		0.0000596
Calcium (Ca)-Total	**mg/L**		16
Cesium (Cs)-Total	**mg/L**		<0.00005
Chromium (Cr)-Total	**mg/L**		0.00022
Chromium (Cr III)-Total	**mg/L**		<0.00099
Chromium (Cr VI)-Total	**mg/L**		<0.00099
Cobalt (Co)-Total	**mg/L**	0.11	0.000092
Copper (Cu)-Total	**mg/L**		0.0125
Iron (Fe)-Total	**mg/L**	1	0.16
Lead (Pb)-Total	**mg/L**		0.0025
Lithium (Li)-Total	**mg/L**		0.00229
Magnesium (Mg)-Total	**mg/L**		0.86
Manganese (Mn)-Total	**mg/L**	1.067	0.0298
Mercury (Hg)-Total	**mg/L**		<0.0000019
Molybdenum (Mo)-Total	**mg/L**	46	0.0136
Nickel (Ni)-Total	**mg/L**		0.00022
Phosphorus (P)-Total (ICPMS)	**mg/L**		0.0099
Potassium (K)-Total	**mg/L**		1.59
Rubidium (Rb)-Total	**mg/L**		0.00331
Selenium (Se)-Total	**mg/L**		0.000046
Silicon (Si)-Total	**mg/L**		5.62
Silver (Ag)-Total	**mg/L**		<0.00001
Sodium (Na)-Total	**mg/L**		4.65
Strontium (Sr)-Total	**mg/L**		0.0364
Sulphur (S)-Total	**mg/L**		<3
Tellurium (Te)-Total	**mg/L**		<0.00002

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-05-06 10:30:00
Total Metals (cont'd.)			
Thallium (Tl)-Total	**mg/L**		0.0000142
Thorium (Th)-Total	**mg/L**		0.00007
Tin (Sn)-Total	**mg/L**		<0.0002
Titanium (Ti)-Total	**mg/L**		0.0091
Uranium (U)-Total	**mg/L**	0.0165	0.000736
Vanadium (V)-Total	**mg/L**		0.00036
Zinc (Zn)-Total	**mg/L**		0.0069
Zirconium (Zr)-Total	**mg/L**		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	**mg/L**		0.0341
Antimony (Sb)-Dissolved	**mg/L**		0.000173
Arsenic (As)-Dissolved	**mg/L**		0.000661
Barium (Ba)-Dissolved	**mg/L**		0.00337
Beryllium (Be)-Dissolved	**mg/L**		<0.00001
Bismuth (Bi)-Dissolved	**mg/L**		<0.000005
Boron (B)-Dissolved	**mg/L**		0.013
Cadmium (Cd)-Dissolved	**mg/L**	0.000275	0.0000369
Calcium (Ca)-Dissolved	**mg/L**		17.8
Cesium (Cs)-Dissolved	**mg/L**		<0.00005
Chromium (Cr)-Dissolved	**mg/L**		<0.0001
Cobalt (Co)-Dissolved	**mg/L**		0.0000483
Copper (Cu)-Dissolved	**mg/L**	0.0012	**0.00339**
Iron (Fe)-Dissolved	**mg/L**	0.35	<0.001
Lead (Pb)-Dissolved	**mg/L**		0.000238
Lithium (Li)-Dissolved	**mg/L**		0.00202
Manganese (Mn)-Dissolved	**mg/L**		0.0182
Magnesium (Mg)-Dissolved	**mg/L**		0.81
Mercury (Hg)-Dissolved	**mg/L**		<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**		0.0137
Nickel (Ni)-Dissolved	**mg/L**	0.0181	0.000137
Phosphorus (P)-Dissolved	**mg/L**		0.0024
Potassium (K)-Dissolved	**mg/L**		1.61
Rubidium (Rb)-Dissolved	**mg/L**		0.00266

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-06 10:30:00**
Dissolved Metals (cont'd.)			
Selenium (Se)-Dissolved	**mg/L**		0.000051
Silicon (Si)-Dissolved	**mg/L**		5.83
Silver (Ag)-Dissolved	**mg/L**		<0.000005
Sodium (Na)-Dissolved	**mg/L**		4.63
Strontium (Sr)-Dissolved	**mg/L**		0.0323
Sulphur (S)-Dissolved	**mg/L**		<3
Tellurium (Te)-Dissolved	**mg/L**		<0.00002
Thallium (Tl)-Dissolved	**mg/L**		0.0000102
Thorium (Th)-Dissolved	**mg/L**		0.0000078
Tin (Sn)-Dissolved	**mg/L**		<0.0002
Titanium (Ti)-Dissolved	**mg/L**		<0.0005
Uranium (U)-Dissolved	**mg/L**		0.000382
Vanadium (V)-Dissolved	**mg/L**		<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.021202	0.00443
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**		86
Solids-Total Suspended	**mg/L**	26.6	9.2
Organics			
HEPH (C19-C32 less PAH)	**mg/L**		<0.2
LEPH (C10-C19 less PAH)	**mg/L**		<0.2
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

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	**WLNG EOP 2025-05-06 10:30:00**
Organics (cont'd.)			
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
1,2-Dichlorobenzene	**mg/L**		<0.0005
1,2-Dichloroethane	**mg/L**		<0.0005
1,2-Dichloropropane	**mg/L**		<0.0005

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-05-06 10:30:00
Organics (cont'd.)			
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**		0.0011
Tetrachloroethene	**mg/L**		<0.0005
Toluene	**mg/L**		<0.0004

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, D

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-05-06 10:30:00
Organics (cont'd.)			
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

Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$

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

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	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

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1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, salinity, NTU, 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 May 05 was 228,287 m^3.
There were a few instances of elevated NTU in the discharge, primarily due to high NTU levels in the incoming water. Chemical adjustments were made to address the issue and bring it back under control. Additionally, during a backwash cycle, although the pH was initially stable, it spiked temporarily when the process CO_2 system activated. This occurred as the sand was fluffed up, which momentarily disrupted the media. The system was switched to a new pod until stable conditions were restored. It is also noted that the high NTU reading observed on May 7 was due to sensor housing cleaning.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
May 05	Woodfibre (WF)	2,863	Exceeded discharge volume limit
May 06	WF	2,768	Exceeded discharge volume limit
May 07	WF	2,848	Exceeded discharge volume limit
May 08	WF	2,750	Exceeded discharge volume limit
May 09	WF	2,657	Exceeded discharge volume limit

May 10	WF	2,614	Exceeded discharge volume limit
May 11	WF	2,640	Exceeded discharge volume limit
	Total	19,140	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)
5/5/2025	0:00:00	7.3	2.036	10.1	228,287	11.5	118
5/5/2025	0:15:00	7.2	2.051	11	228,305	11.5	119
5/5/2025	0:30:00	7.2	2.161	4	228,337	11.5	119
5/5/2025	0:45:00	7.2	2.116	3.5	228,369	11.5	119
5/5/2025	1:00:00	7.3	2.059	0.6	228,398	11.7	266
5/5/2025	1:15:00	7.2	2.294	0.3	228,430	11.6	119
5/5/2025	1:30:00	7.2	2.279	0.4	228,464	11.8	119
5/5/2025	1:45:00	7.2	2.267	0.4	228,497	11.9	119
5/5/2025	2:00:00	7.2	2.195	0.4	228,531	11.7	117
5/5/2025	2:15:00	7.2	2.210	0.2	228,564	11.7	117
5/5/2025	2:30:00	7.2	0.000	0	228,586	11.8	118
5/5/2025	2:45:00	7.2	2.210	0.1	228,607	11.6	117
5/5/2025	3:00:00	7.2	2.199	0	228,640	11.6	116
5/5/2025	3:15:00	7.2	2.229	0	228,673	11.7	117
5/5/2025	3:30:00	7.2	0.000	0	228,705	11.7	117
5/5/2025	3:45:00	7.2	2.127	2.1	228,734	11.7	116
5/5/2025	4:00:00	7.1	2.301	4.5	228,767	11.6	116
5/5/2025	4:15:00	7.1	2.441	7	228,797	11.3	114
5/5/2025	4:30:00	7.1	2.441	5.2	228,834	11.4	117
5/5/2025	4:45:00	7.1	1.086	21.7	228,854	11.2	116
5/5/2025	5:00:00	7.1	2.067	0	228,885	11.3	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	5:15:00	7.2	2.082	0.1	228,915	11.3	118
5/5/2025	5:45:00	7.2	2.305	0.6	228,964	11.3	117
5/5/2025	6:00:00	7.1	2.388	2.1	228,998	11.5	117
5/5/2025	6:15:00	7.1	2.578	3.2	229,036	11.4	117
5/5/2025	6:30:00	7.1	2.422	3.2	229,073	11.4	119
5/5/2025	6:45:00	7.1	2.369	6.8	229,109	11.4	119
5/5/2025	7:00:00	7.1	2.067	3.9	229,141	11.3	118
5/5/2025	7:15:00	7.1	2.176	4.9	229,174	11.4	119
5/5/2025	7:30:00	7.1	2.097	6.7	229,205	11.4	119
5/5/2025	7:45:00	7.2	2.040	10	229,236	11.2	116
5/5/2025	8:00:00	7.2	2.036	8.3	229,265	11.2	116
5/5/2025	8:15:00	7.2	2.449	11.7	229,291	11.1	114
5/5/2025	8:30:00	7.1	2.441	9.4	229,328	10.9	113
5/5/2025	8:45:00	7.1	2.430	19.7	229,365	10.9	113
5/5/2025	9:15:00	7.2	2.120	4.6	229,399	10.9	112
5/5/2025	9:30:00	7.2	2.184	6.7	229,431	10.9	112
5/5/2025	9:45:00	7.2	2.192	7	229,464	10.9	112
5/5/2025	10:00:00	7.2	2.347	6.8	229,499	10.9	112
5/5/2025	10:15:00	7.2	2.354	9	229,534	10.9	112
5/5/2025	10:30:00	7.2	2.332	7.7	229,569	10.9	112
5/5/2025	10:45:00	7.2	2.343	10.7	229,589	11.2	112
5/5/2025	11:00:00	7.3	2.456	18.3	229,615	11.2	112
5/5/2025	11:15:00	7.3	2.316	2.6	229,634	11.3	112
5/5/2025	11:30:00	7.3	2.320	2.1	229,669	11.2	113
5/5/2025	11:45:00	7.3	2.260	2.6	229,703	11.2	113

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	12:00:00	7.3	2.396	4.5	229,739	11.3	113
5/5/2025	12:15:00	7.3	2.362	4.9	229,774	11.3	114
5/5/2025	12:30:00	7.3	2.385	4.5	229,801	11.3	114
5/5/2025	12:45:00	7.3	2.354	2.5	229,836	11.4	114
5/5/2025	13:15:00	7.3	2.339	1.8	229,896	11.4	114
5/5/2025	13:30:00	7.3	2.316	1.4	229,930	11.5	114
5/5/2025	13:45:00	7.3	2.309	1.5	229,955	11.5	114
5/5/2025	14:00:00	7.3	1.336	5.2	229,980	11.5	114
5/5/2025	14:15:00	7.3	2.173	6.8	230,011	11.5	114
5/5/2025	14:30:00	7.3	2.165	9.1	230,044	11.5	114
5/5/2025	14:45:00	7.3	2.150	7.2	230,077	11.6	114
5/5/2025	15:00:00	7.3	2.154	6.5	230,109	11.6	114
5/5/2025	15:15:00	7.3	1.635	13.2	230,134	11.8	114
5/5/2025	15:30:00	7.3	2.184	0.9	230,166	11.8	115
5/5/2025	15:45:00	7.3	2.173	1.8	230,198	11.8	115
5/5/2025	16:00:00	7.3	2.180	2.2	230,231	11.8	114
5/5/2025	16:15:00	7.3	2.161	3.3	230,264	11.9	114
5/5/2025	16:30:00	7.3	1.802	6.9	230,290	12	114
5/5/2025	16:45:00	7.3	2.180	10.5	230,321	11.8	114
5/5/2025	17:00:00	7.3	2.173	3.4	230,354	11.8	114
5/5/2025	17:15:00	7.2	2.176	4.4	230,387	11.7	114
5/5/2025	17:30:00	7.2	2.150	7.1	230,419	11.7	114
5/5/2025	17:45:00	7.2	1.779	11.6	230,443	11.8	114
5/5/2025	18:00:00	7.3	2.173	1.4	230,476	11.7	114
5/5/2025	18:15:00	7.3	2.354	3.4	230,508	11.7	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	19:00:00	7.3	2.154	5.3	230,580	11.6	114
5/5/2025	19:15:00	7.3	2.150	6.1	230,612	11.5	114
5/5/2025	19:30:00	7.3	2.154	6.5	230,635	11.4	114
5/5/2025	19:45:00	7.3	2.135	4.6	230,667	11.4	114
5/5/2025	20:00:00	7.3	2.116	2.2	230,699	11.3	114
5/5/2025	20:15:00	7.3	2.120	3.3	230,720	11.2	114
5/5/2025	20:30:00	7.3	2.116	1.2	230,752	11.2	114
5/5/2025	20:45:00	7.2	2.101	16.5	230,784	11.2	114
5/5/2025	21:00:00	6.9	2.101	1.6	230,815	11.2	114
5/5/2025	21:15:00	6.7	2.089	1.2	230,847	11.2	114
5/5/2025	21:30:00	6.6	2.093	4.2	230,878	11.2	114
5/5/2025	21:45:00	6.7	2.180	3.8	230,909	11.2	114
5/5/2025	22:00:00	6.8	2.290	7.6	230,944	11.2	114
5/5/2025	22:15:00	6.9	2.120	4.9	230,976	11.3	114
5/5/2025	22:30:00	7	2.127	8	231,008	11.3	114
5/5/2025	23:00:00	7.1	2.123	3.7	231,050	11.1	113
5/5/2025	23:15:00	7.2	2.203	3.9	231,082	11.1	113
5/5/2025	23:30:00	7.2	2.316	4.5	231,116	11.1	113
5/5/2025	23:45:00	7.2	2.392	2.7	231,151	11.3	116
5/6/2025	0:00:00	7.2	2.422	3.8	231,187	11.4	117
5/6/2025	0:15:00	7.2	2.468	2.4	231,224	11.5	118
5/6/2025	0:30:00	7.2	2.275	2.9	231,260	11.4	118
5/6/2025	0:45:00	7.2	2.241	11.2	231,290	11.5	118
5/6/2025	1:00:00	7.3	2.059	4.5	231,324	11.4	118
5/6/2025	1:15:00	7.2	2.120	8.4	231,357	11.3	119

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	1:30:00	7.3	1.991	8.9	231,387	11.4	119
5/6/2025	1:45:00	7.2	2.086	0	231,415	12.3	263
5/6/2025	2:00:00	7.2	2.101	0	231,446	11.5	119
5/6/2025	2:15:00	7.2	2.104	0	231,478	11.5	119
5/6/2025	2:30:00	7.2	2.048	0	231,509	11.6	119
5/6/2025	2:45:00	7.1	2.078	0	231,540	11.4	119
5/6/2025	3:00:00	7.1	2.036	0	231,571	11.4	119
5/6/2025	3:15:00	7.1	2.112	0	231,603	11.5	119
5/6/2025	3:30:00	7.2	0.977	16.8	231,620	11.4	119
5/6/2025	3:45:00	7.3	2.252	3.7	231,652	11.3	119
5/6/2025	4:00:00	7.3	2.237	1.9	231,685	11.4	119
5/6/2025	4:15:00	7.3	2.226	3.1	231,719	11.6	121
5/6/2025	4:30:00	7.3	2.241	4.8	231,742	11.7	121
5/6/2025	4:45:00	7.3	2.237	3.5	231,776	11.6	121
5/6/2025	5:00:00	7.3	2.222	5.5	231,796	12	121
5/6/2025	5:15:00	7.3	2.229	6.3	231,818	12.2	119
5/6/2025	5:45:00	7.3	2.226	3.9	231,869	11.5	121
5/6/2025	6:00:00	7.3	2.229	7.1	231,902	11.5	121
5/6/2025	6:15:00	7.2	2.017	0	231,922	11.7	121
5/6/2025	6:30:00	7.3	1.930	0	231,952	11.8	121
5/6/2025	6:45:00	7.3	2.051	0	231,982	11.9	121
5/6/2025	7:00:00	7.3	2.048	0	232,014	11.8	122
5/6/2025	7:15:00	7.2	2.381	3.3	232,047	11.6	119
5/6/2025	7:45:00	7.3	2.256	0.3	232,095	11.4	119
5/6/2025	8:00:00	7.3	2.275	3.6	232,129	11.3	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	8:15:00	7.3	2.218	0.8	232,163	11.2	116
5/6/2025	8:30:00	7.2	2.256	1.6	232,196	11.8	114
5/6/2025	8:45:00	7.2	2.233	2.1	232,230	11.2	114
5/6/2025	9:00:00	7.2	2.237	1.6	232,264	11.2	114
5/6/2025	9:15:00	7.2	2.237	2.9	232,297	11.2	113
5/6/2025	9:30:00	7.2	2.203	1.6	232,330	11.2	114
5/6/2025	9:45:00	7.3	2.192	2.2	232,363	11.2	114
5/6/2025	10:00:00	7.3	2.192	1.6	232,396	11.2	114
5/6/2025	10:15:00	7.3	2.180	1.1	232,428	11.3	114
5/6/2025	10:30:00	7.3	2.169	1.6	232,461	11.4	114
5/6/2025	10:45:00	7.3	2.154	2	232,493	11.4	114
5/6/2025	11:00:00	7.3	2.142	1.8	232,525	11.5	114
5/6/2025	11:15:00	7.3	2.112	1.7	232,557	11.5	114
5/6/2025	11:30:00	7.3	2.112	0.7	232,589	11.6	114
5/6/2025	11:45:00	7.3	2.089	0.9	232,620	11.7	114
5/6/2025	12:00:00	7.3	2.074	0.9	232,651	11.7	114
5/6/2025	12:15:00	7.3	1.162	4.8	232,675	11.6	114
5/6/2025	12:45:00	7.3	2.339	1.1	232,719	11.7	114
5/6/2025	13:00:00	7.3	2.339	3.1	232,754	11.8	114
5/6/2025	13:15:00	7.3	2.657	13.5	232,791	11.8	114
5/6/2025	13:30:00	7.3	0.530	56.5	232,827	11.8	114
5/6/2025	13:45:00	7.4	2.271	8.3	232,833	12	114
5/6/2025	14:00:00	7.3	2.161	4.9	232,866	11.9	114
5/6/2025	14:15:00	7.2	2.142	6.5	232,899	12	114
5/6/2025	14:30:00	7.3	2.135	3.6	232,930	12	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	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	14:45:00	7.3	2.123	6.5	232,962	12	114
5/6/2025	15:00:00	7.3	2.116	4.8	232,994	12.1	114
5/6/2025	15:30:00	7.3	2.131	4.2	233,045	12.3	116
5/6/2025	15:45:00	7.3	2.123	3.1	233,077	12.3	116
5/6/2025	16:00:00	7.3	2.139	4.3	233,109	12.3	116
5/6/2025	16:15:00	7.3	2.108	5.1	233,141	12.3	116
5/6/2025	16:30:00	7.3	2.097	0.7	233,173	12.3	116
5/6/2025	16:45:00	7.3	2.048	1	233,203	12.3	116
5/6/2025	17:00:00	7.3	2.040	1.1	233,234	12.2	114
5/6/2025	17:15:00	7.3	2.017	2.5	233,265	12.2	117
5/6/2025	17:30:00	7.3	0.946	8.8	233,287	12.1	116
5/6/2025	17:45:00	7.3	2.169	0.1	233,310	12.1	114
5/6/2025	18:00:00	7.3	2.188	3.9	233,331	12.2	114
5/6/2025	18:15:00	7.3	2.154	1.6	233,363	12	114
5/6/2025	18:30:00	7.3	2.131	1.3	233,395	12	114
5/6/2025	18:45:00	7.3	2.116	0.9	233,427	12	114
5/6/2025	19:00:00	7.3	2.131	2.4	233,459	12	114
5/6/2025	19:30:00	7.3	2.139	4.6	233,511	11.9	114
5/6/2025	19:45:00	7.3	2.146	8.2	233,542	11.8	114
5/6/2025	20:00:00	7.3	2.112	8.3	233,574	11.8	114
5/6/2025	20:15:00	7.3	0.572	8	233,597	11.7	114
5/6/2025	20:30:00	7.3	2.135	0.6	233,617	12.7	264
5/6/2025	20:45:00	7.2	1.495	0.1	233,647	11.7	113
5/6/2025	21:15:00	7.3	1.980	0.3	233,682	12.2	113
5/6/2025	21:30:00	7.3	1.998	0.7	233,712	12.4	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	21:45:00	7.3	1.980	0.4	233,742	12.2	114
5/6/2025	22:00:00	7.3	0.000	0.4	233,750	12.5	114
5/6/2025	22:15:00	7.3	2.267	0.2	233,765	12.4	114
5/6/2025	22:30:00	7.3	2.176	0.1	233,798	12.5	114
5/6/2025	22:45:00	7.3	2.260	0.1	233,831	12.7	114
5/6/2025	23:00:00	7.3	2.279	0.8	233,863	11.5	114
5/6/2025	23:15:00	7.3	2.600	23.7	233,897	11.4	113
5/6/2025	23:30:00	7.4	2.161	0.9	233,928	11.7	113
5/6/2025	23:45:00	7.3	0.439	4.1	233,955	11.5	113
5/7/2025	0:00:00	7.3	2.347	84.4	233,977	11.5	114
5/7/2025	0:15:00	7.5	2.309	3.9	234,001	11.6	307
5/7/2025	0:30:00	7.1	2.388	9.3	234,032	11.3	114
5/7/2025	0:45:00	6.9	2.366	2.8	234,067	11.3	272
5/7/2025	1:00:00	7.6	2.377	6.2	234,102	11.4	320
5/7/2025	1:15:00	7.5	2.116	9.2	234,135	11.6	371
5/7/2025	1:30:00	7.1	2.275	7	234,153	11.9	402
5/7/2025	1:45:00	7.6	2.237	11.2	234,174	11.7	425
5/7/2025	2:00:00	7.4	2.033	7.1	234,205	12.1	442
5/7/2025	2:30:00	7.2	1.964	12.4	234,238	11.6	420
5/7/2025	2:45:00	7.4	1.843	31.6	234,261	11.6	412
5/7/2025	3:00:00	7.3	2.453	111.5	234,289	11.6	447
5/7/2025	3:15:00	7.1	2.078	4.9	234,306	11.4	410
5/7/2025	3:30:00	6.9	2.335	1.7	234,341	11.3	378
5/7/2025	3:45:00	7.3	2.313	1.9	234,376	11.4	353
5/7/2025	4:00:00	7.2	2.487	5.3	234,408	11.5	337

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	4:15:00	7.6	2.540	3.5	234,435	11.6	320
5/7/2025	4:30:00	6.7	2.472	1.1	234,470	11.6	314
5/7/2025	4:45:00	7.2	2.426	2.6	234,507	11.8	318
5/7/2025	5:00:00	6.9	2.551	0.6	234,544	11.6	305
5/7/2025	5:15:00	7.3	2.509	0.7	234,581	11.5	295
5/7/2025	5:30:00	7.2	2.468	0	234,617	11.6	308
5/7/2025	5:45:00	7.6	2.763	0	234,656	11.5	286
5/7/2025	6:00:00	7.4	2.173	0	234,685	11.5	283
5/7/2025	6:15:00	7.9	2.479	5.6	234,719	11.6	285
5/7/2025	6:30:00	7.3	2.487	1.7	234,757	11.7	298
5/7/2025	6:45:00	7.1	2.585	1.5	234,796	11.4	288
5/7/2025	7:00:00	7	2.665	1.7	234,836	11.4	288
5/7/2025	7:15:00	6.9	2.055	1.9	234,850	11.3	286
5/7/2025	7:30:00	7.1	2.464	0.2	234,885	11.3	281
5/7/2025	7:45:00	7.2	2.048	0	234,918	11.4	276
5/7/2025	8:00:00	7.4	2.282	13.7	234,949	11.3	271
5/7/2025	8:15:00	7.4	2.150	1.7	234,982	11.1	270
5/7/2025	8:30:00	7.5	2.146	5.4	235,014	11.1	274
5/7/2025	8:45:00	7.4	2.131	4.9	235,046	11.1	278
5/7/2025	9:15:00	7.1	2.218	6.1	235,092	11.1	283
5/7/2025	9:30:00	7	2.252	3.1	235,126	11.1	283
5/7/2025	9:45:00	7.1	2.248	4	235,159	11.1	283
5/7/2025	10:00:00	7.4	2.218	4.7	235,193	11.1	278
5/7/2025	10:15:00	7.2	2.176	3.6	235,225	11.1	279
5/7/2025	10:30:00	7.5	0.242	7.1	235,253	11.2	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	10:45:00	7.2	2.184	7.4	235,277	11.2	274
5/7/2025	11:00:00	7	2.252	4.7	235,302	11.2	276
5/7/2025	11:15:00	6.9	2.214	3.6	235,336	11.3	276
5/7/2025	11:30:00	7	2.226	3.6	235,369	11.4	271
5/7/2025	11:45:00	7.2	2.222	5	235,392	11.5	269
5/7/2025	12:00:00	7.4	2.203	4.8	235,422	11.6	266
5/7/2025	12:15:00	7.5	2.195	8.6	235,455	11.6	264
5/7/2025	12:30:00	7.5	2.173	11.6	235,487	11.6	264
5/7/2025	12:45:00	7.5	2.169	13.4	235,520	11.6	264
5/7/2025	13:00:00	7.2	2.248	4.1	235,549	11.6	268
5/7/2025	13:15:00	7.5	2.260	6.2	235,574	11.7	268
5/7/2025	13:30:00	7.1	2.222	3.8	235,608	11.7	267
5/7/2025	13:45:00	7.3	2.245	6	235,631	11.7	268
5/7/2025	14:00:00	7	1.609	6.9	235,655	12.2	266
5/7/2025	14:15:00	7.4	2.324	3.6	235,689	11.7	114
5/7/2025	14:30:00	7.5	2.320	4.4	235,717	11.7	114
5/7/2025	14:45:00	7.5	2.320	4.3	235,752	11.7	114
5/7/2025	15:00:00	7.4	2.279	7.9	235,775	11.6	114
5/7/2025	15:15:00	7.4	2.290	1.6	235,807	11.7	114
5/7/2025	15:30:00	7.5	2.301	2.3	235,841	11.6	114
5/7/2025	15:45:00	7.4	2.290	1.5	235,876	11.6	115
5/7/2025	16:00:00	7.5	2.267	1.3	235,910	11.6	114
5/7/2025	16:15:00	7.4	2.290	2.1	235,931	11.9	114
5/7/2025	16:30:00	7.2	2.241	1.1	235,965	11.6	264
5/7/2025	16:45:00	7.1	2.229	1.5	235,998	11.6	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	17:00:00	7.2	1.503	36.3	236,030	11.6	114
5/7/2025	17:15:00	7.2	2.252	1.1	236,047	11.5	114
5/7/2025	17:30:00	7.1	2.241	1.3	236,081	11.4	266
5/7/2025	17:45:00	7.1	2.207	2.3	236,114	11.4	266
5/7/2025	18:00:00	7.2	2.157	2.8	236,147	11.4	114
5/7/2025	18:15:00	7.3	2.135	2.4	236,180	11.4	114
5/7/2025	18:30:00	7.3	2.135	3.3	236,201	11.4	114
5/7/2025	18:45:00	7.4	0.197	1.3	236,226	11.4	114
5/7/2025	19:00:00	7.4	2.086	2.6	236,253	11.2	114
5/7/2025	19:15:00	7.2	2.070	1.7	236,284	11.2	269
5/7/2025	19:45:00	6.8	2.010	1.5	236,335	11.2	266
5/7/2025	20:00:00	6.8	2.033	1.9	236,366	11.1	113
5/7/2025	20:15:00	7	2.184	2.4	236,397	11.2	113
5/7/2025	20:30:00	7.1	2.426	3.3	236,433	11.1	112
5/7/2025	20:45:00	7.3	2.385	3.7	236,469	11.1	112
5/7/2025	21:00:00	7.1	2.297	5.9	236,505	11.1	113
5/7/2025	21:15:00	6.8	2.294	6.6	236,539	11.1	271
5/7/2025	21:30:00	6.5	2.294	12.8	236,573	11.1	279
5/7/2025	21:45:00	6.5	0.276	6.7	236,578	11	282
5/7/2025	22:00:00	6.5	2.434	5.5	236,606	10.9	279
5/7/2025	22:15:00	6.8	2.176	1.8	236,637	11	279
5/7/2025	22:30:00	7	2.184	1.6	236,670	11.1	272
5/7/2025	22:45:00	7.1	2.241	2.5	236,701	11.1	264
5/7/2025	23:00:00	7.3	2.740	7.4	236,738	11.3	264
5/7/2025	23:15:00	7.3	0.000	7.1	236,772	11.4	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	23:30:00	7.2	2.286	4	236,790	11.4	282
5/7/2025	23:45:00	7.1	2.290	3.5	236,824	11.4	283
5/8/2025	0:00:00	7	2.260	4.4	236,859	11.3	282
5/8/2025	0:15:00	6.9	2.426	6	236,893	11.4	289
5/8/2025	0:30:00	6.8	2.430	5.8	236,929	11.5	292
5/8/2025	0:45:00	6.8	2.366	4.4	236,965	11.5	294
5/8/2025	1:00:00	7.3	0.000	4	236,990	11.5	283
5/8/2025	1:15:00	7.7	1.726	7.9	236,997	11.1	286
5/8/2025	1:30:00	7.4	1.874	14.6	237,022	11.2	281
5/8/2025	1:45:00	7.8	1.942	4.6	237,051	11.7	281
5/8/2025	2:00:00	7.9	1.945	3.7	237,080	12.4	284
5/8/2025	2:15:00	6.7	2.222	8	237,111	11	294
5/8/2025	2:30:00	6.6	2.207	9.5	237,144	11	299
5/8/2025	2:45:00	6.6	2.252	9.4	237,178	11.2	309
5/8/2025	3:00:00	6.9	2.233	12.2	237,211	11	302
5/8/2025	3:45:00	8.9	1.635	18	237,250	10.9	319
5/8/2025	4:00:00	8	1.790	4.4	237,269	11.8	332
5/8/2025	4:15:00	8.4	2.150	1.9	237,298	11.6	351
5/8/2025	4:30:00	7.6	2.116	0.1	237,330	11.9	368
5/8/2025	4:45:00	7.6	2.112	0.5	237,361	12.7	371
5/8/2025	5:15:00	7.5	2.400	11.4	237,405	11.1	411
5/8/2025	5:30:00	7.4	2.366	14.4	237,441	11.1	410
5/8/2025	5:45:00	7.4	2.388	11.1	237,476	11.5	417
5/8/2025	6:30:00	7.3	2.491	13.4	237,523	11.1	396
5/8/2025	6:45:00	7.3	2.528	10.5	237,561	11.1	382

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	7:00:00	7.5	2.555	11.1	237,599	11	369
5/8/2025	7:15:00	7.5	2.483	4.8	237,637	11	356
5/8/2025	7:30:00	7.1	2.460	3.8	237,674	11.1	346
5/8/2025	7:45:00	7.1	2.415	2.3	237,711	11.1	330
5/8/2025	8:00:00	7.2	2.407	1.1	237,747	11	313
5/8/2025	8:15:00	7.3	2.339	0.3	237,783	10.9	304
5/8/2025	8:30:00	7.4	2.366	0	237,819	10.9	297
5/8/2025	8:45:00	7.5	2.445	0.2	237,855	10.9	294
5/8/2025	9:00:00	7.5	2.388	0.2	237,891	10.8	299
5/8/2025	9:15:00	7.1	2.456	0.7	237,917	10.9	309
5/8/2025	9:30:00	7.5	2.316	0.2	237,953	10.9	297
5/8/2025	9:45:00	7.6	2.358	0.6	237,987	10.9	297
5/8/2025	10:00:00	7.4	2.373	0.3	238,023	11	291
5/8/2025	10:15:00	7.3	2.388	0.4	238,058	11.1	289
5/8/2025	10:30:00	7.3	2.059	0.5	238,094	11.1	286
5/8/2025	10:45:00	7.3	2.392	0.4	238,117	11.2	286
5/8/2025	11:15:00	7.1	2.350	0.5	238,177	11.3	279
5/8/2025	11:30:00	7.3	2.521	0.7	238,204	11.3	277
5/8/2025	12:15:00	7.3	2.233	0.6	238,282	11.3	277
5/8/2025	12:30:00	7.2	1.506	5.1	238,308	11.3	277
5/8/2025	12:45:00	7.1	2.456	0.4	238,330	11.2	276
5/8/2025	13:00:00	7	2.460	1.7	238,365	11.2	276
5/8/2025	13:15:00	7	2.237	1.5	238,399	11.3	276
5/8/2025	13:30:00	7.1	2.199	2.2	238,433	11.3	272
5/8/2025	14:00:00	7.3	2.328	2.7	238,488	11.5	276

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	14:15:00	7	2.362	2.7	238,523	11.7	271
5/8/2025	14:30:00	7.1	2.301	3	238,558	11.8	272
5/8/2025	14:45:00	7.2	2.453	0.7	238,587	11.8	272
5/8/2025	15:00:00	7.2	2.460	0.2	238,624	11.7	273
5/8/2025	15:15:00	7.2	2.460	0	238,660	11.7	273
5/8/2025	15:30:00	7.3	2.415	0.5	238,697	11.7	279
5/8/2025	15:45:00	7.6	1.756	3	238,728	11.6	304
5/8/2025	16:00:00	7	1.650	7.4	238,749	11.6	328
5/8/2025	16:15:00	7.2	2.290	0.9	238,782	11.4	328
5/8/2025	16:30:00	7.2	2.301	1.6	238,806	11.6	325
5/8/2025	16:45:00	7.2	1.575	1.5	238,841	11.3	353
5/8/2025	17:00:00	7	2.419	3.4	238,860	11.2	384
5/8/2025	17:15:00	7.2	2.441	2.7	238,896	11.2	406
5/8/2025	17:45:00	7.3	0.284	0.6	238,946	11.2	114
5/8/2025	18:00:00	6.9	2.392	4.1	238,976	11.1	407
5/8/2025	18:15:00	7	2.385	1.9	239,012	11	371
5/8/2025	18:30:00	6.9	1.643	1.6	239,033	11	346
5/8/2025	18:45:00	7	2.396	0.9	239,056	11	328
5/8/2025	19:00:00	7.1	2.067	0.7	239,074	11.4	114
5/8/2025	19:15:00	7.2	1.684	2.6	239,109	10.9	328
5/8/2025	19:30:00	7.2	2.400	0.8	239,133	10.9	322
5/8/2025	19:45:00	7.1	0.269	0.7	239,165	10.9	113
5/8/2025	20:00:00	7	2.400	0.5	239,198	10.8	303
5/8/2025	20:15:00	6.9	0.299	1.6	239,224	10.9	111
5/8/2025	20:30:00	6.9	2.509	0.5	239,256	10.8	283

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	20:45:00	7.3	0.284	0.4	239,285	11.1	111
5/8/2025	21:00:00	7.5	2.464	0.3	239,321	10.7	282
5/8/2025	21:15:00	7.4	2.456	0.3	239,348	10.9	287
5/8/2025	21:30:00	7.5	2.438	0.4	239,385	10.6	293
5/8/2025	21:45:00	7.3	2.449	0.3	239,407	10.6	297
5/8/2025	22:00:00	7.1	2.419	0.4	239,433	10.8	301
5/8/2025	22:15:00	7.2	2.400	0.9	239,469	10.5	318
5/8/2025	22:30:00	7.2	0.235	57.9	239,486	11.1	111
5/8/2025	22:45:00	6.9	2.400	0.7	239,514	10.5	308
5/8/2025	23:00:00	6.9	2.385	0.8	239,538	10.5	308
5/8/2025	23:15:00	7	0.435	1	239,569	10.5	312
5/8/2025	23:30:00	7	2.487	1	239,585	10.5	314
5/8/2025	23:45:00	6.8	2.540	0.7	239,609	10.7	298
5/9/2025	0:00:00	6.8	2.468	0.6	239,643	10.6	293
5/9/2025	0:15:00	7	2.438	0.4	239,680	10.6	293
5/9/2025	0:30:00	7.1	1.813	0.8	239,692	10.6	301
5/9/2025	0:45:00	7.1	2.460	0.5	239,718	10.6	301
5/9/2025	1:00:00	6.9	2.449	0.4	239,754	10.6	298
5/9/2025	1:15:00	6.9	2.430	0.5	239,782	10.8	300
5/9/2025	1:30:00	6.9	2.456	0.5	239,809	10.7	297
5/9/2025	1:45:00	7.8	2.445	0.3	239,846	10.7	305
5/9/2025	2:15:00	7.2	2.392	0.4	239,909	10.8	320
5/9/2025	2:30:00	7.1	0.257	2.5	239,932	11.5	114
5/9/2025	2:45:00	7.1	2.438	0.2	239,968	10.8	327
5/9/2025	3:00:00	7.1	2.407	0.3	239,988	11.8	329

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	3:15:00	7	0.231	0.1	240,007	12.7	116
5/9/2025	3:30:00	7	0.136	0	240,010	15.9	116
5/9/2025	3:45:00	7	0.197	0.6	240,021	13.4	116
5/9/2025	4:00:00	6.9	2.411	0	240,046	11	323
5/9/2025	4:15:00	6.8	2.400	0.1	240,083	10.9	319
5/9/2025	4:30:00	7.1	2.426	0.4	240,115	11	304
5/9/2025	4:45:00	8.1	2.430	3.1	240,152	11	293
5/9/2025	5:00:00	8.9	2.343	8.8	240,188	10.9	296
5/9/2025	5:15:00	7.7	2.441	13	240,224	10.8	335
5/9/2025	5:30:00	8.9	2.271	18.9	240,258	10.8	393
5/9/2025	5:45:00	7.4	2.509	5.2	240,274	10.7	444
5/9/2025	6:00:00	7	2.430	13.1	240,310	10.7	412
5/9/2025	6:15:00	6.9	2.320	8.3	240,346	10.7	371
5/9/2025	6:30:00	6.5	2.502	2.1	240,380	10.8	337
5/9/2025	6:45:00	6.7	2.438	1.8	240,403	11.5	332
5/9/2025	7:00:00	7	2.407	1.1	240,432	10.8	319
5/9/2025	7:15:00	7.5	1.684	4.7	240,463	10.7	312
5/9/2025	7:30:00	7.3	2.426	0.4	240,499	10.6	298
5/9/2025	7:45:00	7.1	0.265	0.6	240,526	11.1	111
5/9/2025	8:00:00	6.8	2.411	0.6	240,560	10.6	287
5/9/2025	8:15:00	6.7	2.445	0.6	240,584	10.6	283
5/9/2025	8:30:00	6.7	2.392	0.5	240,620	10.6	280
5/9/2025	8:45:00	6.7	2.396	0.4	240,645	10.5	282
5/9/2025	9:15:00	7	2.411	0.4	240,703	10.6	283
5/9/2025	9:30:00	6.7	2.403	0.3	240,739	10.6	277

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	10:00:00	7	2.407	0.2	240,799	10.6	281
5/9/2025	10:15:00	7.1	2.388	0.4	240,834	10.7	280
5/9/2025	10:30:00	7.2	2.388	0.3	240,858	10.7	281
5/9/2025	10:45:00	7	2.400	0.6	240,891	10.8	276
5/9/2025	11:00:00	7.1	2.434	0.5	240,917	10.8	278
5/9/2025	11:30:00	7.2	2.419	0.4	240,975	10.8	281
5/9/2025	11:45:00	7.2	2.445	0.3	241,001	10.9	278
5/9/2025	12:00:00	7.1	2.392	0.3	241,037	10.8	278
5/9/2025	12:15:00	7.1	1.681	1.1	241,060	11	277
5/9/2025	12:30:00	7.2	2.403	0.3	241,096	10.9	281
5/9/2025	12:45:00	7.2	2.407	0.3	241,121	10.9	277
5/9/2025	13:00:00	7.1	2.377	0.4	241,157	10.9	277
5/9/2025	13:15:00	7.1	2.392	0.4	241,181	10.9	277
5/9/2025	13:30:00	7.1	2.347	0.4	241,217	11	274
5/9/2025	13:45:00	7.5	2.350	0.3	241,241	11	271
5/9/2025	14:00:00	7.5	2.354	2.3	241,262	11.2	267
5/9/2025	14:15:00	7.1	2.290	0.3	241,297	10.9	269
5/9/2025	14:30:00	7.2	2.286	0.7	241,321	10.9	269
5/9/2025	14:45:00	7	1.646	1.6	241,352	10.9	271
5/9/2025	15:00:00	7	2.313	0.7	241,375	10.9	269
5/9/2025	15:30:00	7	2.127	0.3	241,428	10.8	269
5/9/2025	15:45:00	6.9	2.267	0.4	241,448	10.8	267
5/9/2025	16:00:00	6.9	2.222	0.3	241,481	10.8	269
5/9/2025	16:15:00	6.9	2.123	0	241,514	10.9	268
5/9/2025	16:30:00	6.9	2.260	0	241,535	11	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	16:45:00	6.9	2.165	0	241,568	11	116
5/9/2025	17:00:00	6.9	2.059	0	241,589	11	267
5/9/2025	17:15:00	7.1	2.086	0	241,617	11.1	314
5/9/2025	17:30:00	7.1	2.161	0	241,640	11.2	271
5/9/2025	17:45:00	7.4	2.055	0	241,671	11.1	119
5/9/2025	18:00:00	6.9	1.389	0	241,699	11.1	117
5/9/2025	18:15:00	7.1	2.218	8.9	241,720	11	116
5/9/2025	18:30:00	7.1	2.169	0	241,755	11	116
5/9/2025	18:45:00	7.6	2.282	0	241,778	11.1	117
5/9/2025	19:00:00	7.2	0.201	0	241,799	11.1	117
5/9/2025	19:15:00	6.9	2.252	0	241,825	10.9	116
5/9/2025	19:30:00	7.4	2.210	0	241,858	10.9	116
5/9/2025	19:45:00	7.4	2.241	0	241,881	10.9	116
5/9/2025	20:00:00	7.5	2.173	0	241,915	10.9	117
5/9/2025	20:15:00	7.6	2.248	0	241,935	10.9	116
5/9/2025	20:45:00	7.4	1.752	0	241,984	11.1	119
5/9/2025	21:00:00	7.3	2.358	0	242,003	11	117
5/9/2025	21:15:00	7.6	2.343	0	242,027	11	117
5/9/2025	21:30:00	7.4	2.426	0	242,059	10.9	116
5/9/2025	22:00:00	7.1	1.540	0	242,113	10.9	116
5/9/2025	22:15:00	7	2.396	0	242,128	11.2	116
5/9/2025	22:45:00	7	2.464	0	242,179	10.9	116
5/9/2025	23:00:00	7.1	2.422	0	242,215	10.9	114
5/9/2025	23:30:00	7.6	1.737	0.2	242,275	10.9	114
5/9/2025	23:45:00	7.7	2.475	0	242,301	10.9	116

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	0:15:00	7.7	1.930	0.1	242,353	11.1	114
5/10/2025	0:30:00	7.3	2.536	0.1	242,374	10.9	114
5/10/2025	1:00:00	7	2.494	0.3	242,435	10.9	114
5/10/2025	1:15:00	7	2.441	0.1	242,461	10.9	114
5/10/2025	1:45:00	7.3	2.464	0.1	242,520	10.8	114
5/10/2025	2:00:00	7.5	2.441	0	242,545	10.8	114
5/10/2025	2:15:00	7.6	2.388	0	242,571	10.8	114
5/10/2025	2:30:00	7.8	2.532	0	242,593	11.2	116
5/10/2025	2:45:00	7.2	1.313	4.4	242,625	11	268
5/10/2025	3:15:00	7.3	2.407	0	242,676	10.9	280
5/10/2025	3:45:00	7.1	2.407	0	242,706	10.9	280
5/10/2025	4:00:00	7.1	2.400	0	242,727	10.9	282
5/10/2025	4:30:00	7.1	2.475	0	242,783	11	275
5/10/2025	4:45:00	7	2.479	0	242,807	10.9	272
5/10/2025	5:00:00	7	2.434	0	242,831	11.1	272
5/10/2025	5:15:00	6.9	0.844	0	242,859	10.7	115
5/10/2025	5:45:00	6.9	0.768	0.3	242,904	11.1	268
5/10/2025	6:00:00	6.9	1.609	0.4	242,937	10.8	114
5/10/2025	6:15:00	7	2.509	0.9	242,967	10.9	116
5/10/2025	6:45:00	7.4	2.415	0.4	243,029	10.9	117
5/10/2025	7:00:00	7.5	2.468	0.1	243,052	10.9	117
5/10/2025	7:15:00	7.5	2.438	0	243,078	11	117
5/10/2025	8:00:00	7.7	2.290	0	243,161	10.9	117
5/10/2025	8:15:00	7.5	2.248	0	243,194	10.8	116
5/10/2025	8:30:00	7.3	1.067	0.3	243,217	10.8	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	8:45:00	7.1	2.154	0.1	243,240	10.8	114
5/10/2025	9:00:00	7.1	2.294	0	243,273	10.9	270
5/10/2025	9:15:00	7.1	2.214	0	243,306	11	272
5/10/2025	9:30:00	7.1	2.475	0	243,336	11.1	272
5/10/2025	9:45:00	7.1	2.347	0	243,372	11	272
5/10/2025	10:00:00	7.1	2.313	0	243,395	11.1	275
5/10/2025	10:30:00	7.1	2.324	0	243,451	11	272
5/10/2025	10:45:00	7	2.222	0	243,486	11	117
5/10/2025	11:00:00	7	1.465	0	243,507	11.3	269
5/10/2025	11:15:00	7.1	2.218	0.4	243,535	11.1	268
5/10/2025	11:30:00	7.2	2.169	0.5	243,568	11	272
5/10/2025	12:00:00	7.2	2.222	0.3	243,615	11.1	273
5/10/2025	12:15:00	7.1	2.139	0.1	243,648	11.1	273
5/10/2025	12:30:00	7.1	2.021	0.2	243,680	11.2	273
5/10/2025	12:45:00	7.1	1.559	0.2	243,698	11.3	268
5/10/2025	13:00:00	7	2.245	0.3	243,730	11.2	114
5/10/2025	13:15:00	7	2.139	1.2	243,763	11.2	117
5/10/2025	13:30:00	7	1.442	0.8	243,785	11.3	116
5/10/2025	13:45:00	6.9	2.267	1	243,813	11.2	116
5/10/2025	14:00:00	6.9	2.157	1.6	243,846	11.2	117
5/10/2025	14:15:00	6.9	2.199	2.2	243,868	11.3	116
5/10/2025	14:30:00	6.9	2.366	1.2	243,893	11.2	117
5/10/2025	14:45:00	6.9	0.844	1.6	243,906	11.3	117
5/10/2025	15:00:00	6.9	2.176	2.3	243,937	11.3	116
5/10/2025	15:15:00	6.9	1.370	2.4	243,965	11.3	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	15:30:00	6.9	2.252	2	243,997	11.2	117
5/10/2025	15:45:00	6.9	2.120	1.5	244,029	11.2	117
5/10/2025	16:00:00	6.9	1.544	1	244,059	11.2	115
5/10/2025	16:15:00	7.4	2.267	2.8	244,074	11.1	301
5/10/2025	16:30:00	6.9	2.290	4.2	244,108	11.1	379
5/10/2025	16:45:00	7.1	2.260	4	244,141	11.1	381
5/10/2025	17:00:00	6.9	2.313	4.9	244,170	11.1	364
5/10/2025	17:15:00	6.6	2.297	5.3	244,204	11.1	334
5/10/2025	17:30:00	6.3	2.180	4.5	244,235	11.1	309
5/10/2025	17:45:00	6.4	1.764	3.3	244,264	11.3	296
5/10/2025	18:00:00	7	2.301	1.8	244,297	11.1	284
5/10/2025	18:15:00	7.4	2.313	1.9	244,332	11.1	285
5/10/2025	18:30:00	7.6	0.367	0.8	244,365	11.1	285
5/10/2025	18:45:00	6.8	2.354	0.7	244,389	11.1	282
5/10/2025	19:00:00	6.9	2.320	0.9	244,423	11	287
5/10/2025	19:15:00	6.5	2.282	2	244,458	11	283
5/10/2025	19:30:00	6.8	2.392	2.3	244,479	11	288
5/10/2025	19:45:00	7.1	2.267	1.8	244,514	11	329
5/10/2025	20:00:00	7.4	2.354	1.6	244,540	11	354
5/10/2025	20:15:00	8.5	2.282	1.6	244,564	10.9	364
5/10/2025	20:30:00	5.1	0.299	3.6	244,585	10.9	358
5/10/2025	20:45:00	6.7	0.216	5	244,608	11.1	337
5/10/2025	21:00:00	6.6	0.534	5.8	244,625	11	333
5/10/2025	21:15:00	7.3	2.184	4	244,646	11.1	111
5/10/2025	21:30:00	7.1	2.123	4.2	244,678	10.9	382

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	21:45:00	7.3	2.108	5.5	244,710	10.8	380
5/10/2025	22:00:00	7	2.366	3.2	244,733	10.7	344
5/10/2025	22:15:00	6.4	2.347	2.6	244,768	10.8	311
5/10/2025	22:30:00	6.3	1.639	2.1	244,792	11	302
5/10/2025	22:45:00	6.5	2.339	1.7	244,822	10.8	277
5/10/2025	23:00:00	6.9	2.324	1.5	244,842	10.8	277
5/10/2025	23:15:00	6.8	2.335	0.8	244,877	10.8	280
5/10/2025	23:30:00	7.3	2.335	0.9	244,906	10.9	277
5/10/2025	23:45:00	7.2	2.343	0.4	244,933	10.8	287
5/11/2025	0:00:00	8	2.324	0.6	244,969	10.8	288
5/11/2025	0:15:00	8.1	1.597	1.4	244,999	10.8	292
5/11/2025	0:30:00	6.9	2.316	0.5	245,023	10.8	292
5/11/2025	0:45:00	6.8	2.316	0.9	245,047	10.8	280
5/11/2025	1:00:00	6.4	1.597	0.8	245,081	10.9	269
5/11/2025	1:15:00	7	2.313	0.9	245,110	10.9	274
5/11/2025	1:30:00	9.1	2.350	0.8	245,145	10.9	282
5/11/2025	1:45:00	8	2.354	0.5	245,180	10.9	305
5/11/2025	2:00:00	7.8	2.301	0.7	245,206	10.8	307
5/11/2025	2:15:00	7.7	2.294	0.8	245,241	10.8	304
5/11/2025	2:30:00	7.3	2.282	1	245,275	10.7	297
5/11/2025	2:45:00	7.9	0.859	1.3	245,301	10.7	300
5/11/2025	3:00:00	7.3	2.309	0.6	245,332	10.8	309
5/11/2025	3:15:00	7.2	2.275	0.4	245,366	10.8	309
5/11/2025	3:30:00	7.3	0.216	0.1	245,385	11	315
5/11/2025	3:45:00	7.5	2.301	0.5	245,410	10.7	304

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	4:00:00	7.5	2.282	0.4	245,433	11	300
5/11/2025	4:15:00	7.2	2.271	0.3	245,467	10.8	289
5/11/2025	4:30:00	7.1	2.279	0.3	245,487	10.8	286
5/11/2025	4:45:00	7.1	2.290	0.1	245,509	11	286
5/11/2025	5:00:00	6.9	2.256	0	245,543	10.7	281
5/11/2025	5:15:00	6.9	1.559	0.5	245,564	10.8	282
5/11/2025	5:30:00	6.9	2.282	0.1	245,597	10.7	277
5/11/2025	5:45:00	6.9	2.241	0.1	245,619	10.9	281
5/11/2025	6:00:00	6.8	0.802	0	245,652	10.8	277
5/11/2025	6:15:00	6.8	2.297	0	245,675	10.7	272
5/11/2025	6:30:00	6.8	2.241	0	245,709	10.8	276
5/11/2025	6:45:00	6.8	2.233	0	245,732	10.8	277
5/11/2025	7:00:00	6.8	2.279	0.1	245,760	10.7	272
5/11/2025	7:15:00	6.8	2.260	0.1	245,784	10.9	272
5/11/2025	7:30:00	6.8	2.218	0.1	245,817	10.7	272
5/11/2025	7:45:00	6.8	1.559	0.1	245,836	10.7	274
5/11/2025	8:00:00	6.8	2.260	0.1	245,869	10.6	269
5/11/2025	8:15:00	6.9	2.241	0	245,891	10.7	271
5/11/2025	8:45:00	7.4	2.241	0.1	245,942	10.6	112
5/11/2025	9:30:00	7.3	2.014	0.3	246,008	10.5	112
5/11/2025	9:45:00	7.2	2.150	0.1	246,040	10.6	112
5/11/2025	10:45:00	7	2.263	0.3	246,090	10.6	112
5/11/2025	11:00:00	7.1	1.624	0.3	246,107	10.6	111
5/11/2025	11:15:00	7	2.350	0.3	246,138	10.6	112
5/11/2025	11:30:00	7	2.366	0.3	246,159	10.7	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	11:45:00	6.9	2.294	0.1	246,194	10.9	112
5/11/2025	12:00:00	7	2.343	0.4	246,215	10.7	112
5/11/2025	12:15:00	7	2.195	0.8	246,248	10.7	112
5/11/2025	12:30:00	7	0.238	0.8	246,278	10.7	112
5/11/2025	12:45:00	6.9	1.559	0.8	246,300	10.8	112
5/11/2025	13:00:00	6.9	2.226	0.4	246,332	10.8	112
5/11/2025	13:15:00	6.9	2.256	0.4	246,356	10.8	112
5/11/2025	13:30:00	7	0.208	0.3	246,380	10.9	269
5/11/2025	13:45:00	7.1	2.282	0.7	246,408	10.8	292
5/11/2025	14:00:00	7.1	0.212	1.3	246,436	11	312
5/11/2025	14:15:00	7.1	2.248	0.8	246,464	11	310
5/11/2025	14:30:00	7.1	2.252	0.5	246,491	11	300
5/11/2025	14:45:00	7	2.226	0.4	246,525	11	289
5/11/2025	15:00:00	7.2	2.237	0.7	246,558	11	297
5/11/2025	15:15:00	6.9	1.858	1.8	246,580	11.1	312
5/11/2025	15:30:00	7.3	2.267	3.4	246,612	11.1	346
5/11/2025	15:45:00	7.2	2.233	9.7	246,646	11.1	392
5/11/2025	16:00:00	8.2	1.559	45.4	246,665	11.1	449
5/11/2025	17:30:00	7.2	2.252	15.5	246,716	11.1	535
5/11/2025	17:45:00	7.5	2.305	17.3	246,751	11	499
5/11/2025	18:00:00	7.2	1.476	34.2	246,784	11	469
5/11/2025	18:15:00	7.3	2.324	1.3	246,813	11	416
5/11/2025	18:30:00	7.1	2.218	0.5	246,848	10.9	392
5/11/2025	18:45:00	7.2	2.271	0.1	246,882	10.9	368
5/11/2025	19:00:00	7.2	2.332	0.5	246,903	10.9	353

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	19:15:00	7.1	2.271	0	246,938	10.8	340
5/11/2025	19:30:00	7	0.424	0.1	246,971	10.7	325
5/11/2025	19:45:00	6.9	1.540	1.4	246,989	10.8	322
5/11/2025	20:00:00	6.9	2.328	0.1	247,012	10.7	313
5/11/2025	20:15:00	6.9	0.859	0.5	247,046	10.7	307
5/11/2025	20:30:00	6.8	2.464	0.4	247,071	11	111
5/11/2025	20:45:00	6.9	2.309	2.8	247,107	10.5	303
5/11/2025	21:00:00	6.9	2.332	3.2	247,115	11	308
5/11/2025	21:15:00	6.8	2.403	0.3	247,144	10.6	298
5/11/2025	21:30:00	6.9	2.309	0.2	247,179	10.7	304
5/11/2025	21:45:00	7.3	2.316	0.5	247,215	10.8	307
5/11/2025	22:00:00	7.2	1.609	0.5	247,244	11.3	311
5/11/2025	22:15:00	7.3	2.434	0.4	247,265	10.9	307
5/11/2025	22:30:00	7.1	2.419	0.3	247,283	10.8	307
5/11/2025	22:45:00	6.9	2.150	0.5	247,305	10.7	298
5/11/2025	23:00:00	6.8	2.430	0.3	247,342	10.5	290
5/11/2025	23:15:00	6.9	0.238	0.1	247,373	10.7	292
5/11/2025	23:30:00	7	1.851	0.1	247,402	10.7	288
5/11/2025	23:45:00	7	2.430	0.2	247,428	10.7	286

Table 3. In-Situ Parameters

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
05/05/2025	01:34:23PM	11.9	11.01	141.9	0.06	7.22	120.4	3.21
05/05/2025	02:46:25PM	12.9	11.05	135.3	0.06	7.46	135.3	4.20
05/06/2025	10:13:52AM	11.7	11.34	136.7	0.06	7.59	127.34	3.12
05/07/2025	03:12:09PM	12.7	11.89	129.43	0.06	7.52	122.91	1.71
05/08/2025	11:45:29AM	11.8	10.72	142.67	0.06	7.23	162.4	2.23
05/09/2025	4:03:19PM	12.1	10.98	141.78	0.06	7.41	135.34	2.76
05/10/2025	11:50:12AM	11.9	10.10	139.8	0.06	7.28	148.32	4.87

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
5/07/2025	YSI	✓	✓	✓	✓
5/07/2025	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)
5/5/2025	0:00:00	7.3	2.036	10.1	228,287	Open	11.5	118
5/5/2025	0:15:00	7.2	2.051	11	228,305	Open	11.5	119
5/5/2025	0:30:00	7.2	2.161	4	228,337	Open	11.5	119
5/5/2025	0:45:00	7.2	2.116	3.5	228,369	Open	11.5	119
5/5/2025	1:00:00	7.3	2.059	0.6	228,398	Open	11.7	266
5/5/2025	1:15:00	7.2	2.294	0.3	228,430	Open	11.6	119
5/5/2025	1:30:00	7.2	2.279	0.4	228,464	Open	11.8	119
5/5/2025	1:45:00	7.2	2.267	0.4	228,497	Open	11.9	119
5/5/2025	2:00:00	7.2	2.195	0.4	228,531	Open	11.7	117
5/5/2025	2:15:00	7.2	2.210	0.2	228,564	Open	11.7	117
5/5/2025	2:30:00	7.2	0.000	0	228,586	Open	11.8	118
5/5/2025	2:45:00	7.2	2.210	0.1	228,607	Open	11.6	117
5/5/2025	3:00:00	7.2	2.199	0	228,640	Open	11.6	116
5/5/2025	3:15:00	7.2	2.229	0	228,673	Open	11.7	117
5/5/2025	3:30:00	7.2	0.000	0	228,705	Open	11.7	117
5/5/2025	3:45:00	7.2	2.127	2.1	228,734	Open	11.7	116
5/5/2025	4:00:00	7.1	2.301	4.5	228,767	Open	11.6	116
5/5/2025	4:15:00	7.1	2.441	7	228,797	Open	11.3	114
5/5/2025	4:30:00	7.1	2.441	5.2	228,834	Open	11.4	117
5/5/2025	4:45:00	7.1	1.086	21.7	228,854	Open	11.2	116
5/5/2025	5:00:00	7.1	2.067	0	228,885	Open	11.3	117
5/5/2025	5:15:00	7.2	2.082	0.1	228,915	Open	11.3	118
5/5/2025	5:30:00	7.2	0.235	0.2	228,941	Closed	11.4	117
5/5/2025	5:45:00	7.2	2.305	0.6	228,964	Open	11.3	117
5/5/2025	6:00:00	7.1	2.388	2.1	228,998	Open	11.5	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	6:15:00	7.1	2.578	3.2	229,036	Open	11.4	117
5/5/2025	6:30:00	7.1	2.422	3.2	229,073	Open	11.4	119
5/5/2025	6:45:00	7.1	2.369	6.8	229,109	Open	11.4	119
5/5/2025	7:00:00	7.1	2.067	3.9	229,141	Open	11.3	118
5/5/2025	7:15:00	7.1	2.176	4.9	229,174	Open	11.4	119
5/5/2025	7:30:00	7.1	2.097	6.7	229,205	Open	11.4	119
5/5/2025	7:45:00	7.2	2.040	10	229,236	Open	11.2	116
5/5/2025	8:00:00	7.2	2.036	8.3	229,265	Open	11.2	116
5/5/2025	8:15:00	7.2	2.449	11.7	229,291	Open	11.1	114
5/5/2025	8:30:00	7.1	2.441	9.4	229,328	Open	10.9	113
5/5/2025	8:45:00	7.1	2.430	19.7	229,365	Open	10.9	113
5/5/2025	9:00:00	7.2	0.806	45.1	229,382	Closed	10.9	112
5/5/2025	9:15:00	7.2	2.120	4.6	229,399	Open	10.9	112
5/5/2025	9:30:00	7.2	2.184	6.7	229,431	Open	10.9	112
5/5/2025	9:45:00	7.2	2.192	7	229,464	Open	10.9	112
5/5/2025	10:00:00	7.2	2.347	6.8	229,499	Open	10.9	112
5/5/2025	10:15:00	7.2	2.354	9	229,534	Open	10.9	112
5/5/2025	10:30:00	7.2	2.332	7.7	229,569	Open	10.9	112
5/5/2025	10:45:00	7.2	2.343	10.7	229,589	Open	11.2	112
5/5/2025	11:00:00	7.3	2.456	18.3	229,615	Open	11.2	112
5/5/2025	11:15:00	7.3	2.316	2.6	229,634	Open	11.3	112
5/5/2025	11:30:00	7.3	2.320	2.1	229,669	Open	11.2	113
5/5/2025	11:45:00	7.3	2.260	2.6	229,703	Open	11.2	113
5/5/2025	12:00:00	7.3	2.396	4.5	229,739	Open	11.3	113
5/5/2025	12:15:00	7.3	2.362	4.9	229,774	Open	11.3	114
5/5/2025	12:30:00	7.3	2.385	4.5	229,801	Open	11.3	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	12:45:00	7.3	2.354	2.5	229,836	Open	11.4	114
5/5/2025	13:00:00	7.3	0.000	2.6	229,862	Closed	11.5	113
5/5/2025	13:15:00	7.3	2.339	1.8	229,896	Open	11.4	114
5/5/2025	13:30:00	7.3	2.316	1.4	229,930	Open	11.5	114
5/5/2025	13:45:00	7.3	2.309	1.5	229,955	Open	11.5	114
5/5/2025	14:00:00	7.3	1.336	5.2	229,980	Open	11.5	114
5/5/2025	14:15:00	7.3	2.173	6.8	230,011	Open	11.5	114
5/5/2025	14:30:00	7.3	2.165	9.1	230,044	Open	11.5	114
5/5/2025	14:45:00	7.3	2.150	7.2	230,077	Open	11.6	114
5/5/2025	15:00:00	7.3	2.154	6.5	230,109	Open	11.6	114
5/5/2025	15:15:00	7.3	1.635	13.2	230,134	Open	11.8	114
5/5/2025	15:30:00	7.3	2.184	0.9	230,166	Open	11.8	115
5/5/2025	15:45:00	7.3	2.173	1.8	230,198	Open	11.8	115
5/5/2025	16:00:00	7.3	2.180	2.2	230,231	Open	11.8	114
5/5/2025	16:15:00	7.3	2.161	3.3	230,264	Open	11.9	114
5/5/2025	16:30:00	7.3	1.802	6.9	230,290	Open	12	114
5/5/2025	16:45:00	7.3	2.180	10.5	230,321	Open	11.8	114
5/5/2025	17:00:00	7.3	2.173	3.4	230,354	Open	11.8	114
5/5/2025	17:15:00	7.2	2.176	4.4	230,387	Open	11.7	114
5/5/2025	17:30:00	7.2	2.150	7.1	230,419	Open	11.7	114
5/5/2025	17:45:00	7.2	1.779	11.6	230,443	Open	11.8	114
5/5/2025	18:00:00	7.3	2.173	1.4	230,476	Open	11.7	114
5/5/2025	18:15:00	7.3	2.354	3.4	230,508	Open	11.7	114
5/5/2025	18:30:00	7.3	0.000	4.1	230,529	Closed	11.9	114
5/5/2025	18:45:00	7.3	0.000	5.8	230,556	Closed	11.7	114
5/5/2025	19:00:00	7.3	2.154	5.3	230,580	Open	11.6	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/5/2025	19:15:00	7.3	2.150	6.1	230,612	Open	11.5	114
5/5/2025	19:30:00	7.3	2.154	6.5	230,635	Open	11.4	114
5/5/2025	19:45:00	7.3	2.135	4.6	230,667	Open	11.4	114
5/5/2025	20:00:00	7.3	2.116	2.2	230,699	Open	11.3	114
5/5/2025	20:15:00	7.3	2.120	3.3	230,720	Open	11.2	114
5/5/2025	20:30:00	7.3	2.116	1.2	230,752	Open	11.2	114
5/5/2025	20:45:00	7.2	2.101	16.5	230,784	Open	11.2	114
5/5/2025	21:00:00	6.9	2.101	1.6	230,815	Open	11.2	114
5/5/2025	21:15:00	6.7	2.089	1.2	230,847	Open	11.2	114
5/5/2025	21:30:00	6.6	2.093	4.2	230,878	Open	11.2	114
5/5/2025	21:45:00	6.7	2.180	3.8	230,909	Open	11.2	114
5/5/2025	22:00:00	6.8	2.290	7.6	230,944	Open	11.2	114
5/5/2025	22:15:00	6.9	2.120	4.9	230,976	Open	11.3	114
5/5/2025	22:30:00	7	2.127	8	231,008	Open	11.3	114
5/5/2025	22:45:00	7.1	0.488	20	231,026	Closed	11.3	114
5/5/2025	23:00:00	7.1	2.123	3.7	231,050	Open	11.1	113
5/5/2025	23:15:00	7.2	2.203	3.9	231,082	Open	11.1	113
5/5/2025	23:30:00	7.2	2.316	4.5	231,116	Open	11.1	113
5/5/2025	23:45:00	7.2	2.392	2.7	231,151	Open	11.3	116
5/6/2025	0:00:00	7.2	2.422	3.8	231,187	Open	11.4	117
5/6/2025	0:15:00	7.2	2.468	2.4	231,224	Open	11.5	118
5/6/2025	0:30:00	7.2	2.275	2.9	231,260	Open	11.4	118
5/6/2025	0:45:00	7.2	2.241	11.2	231,290	Open	11.5	118
5/6/2025	1:00:00	7.3	2.059	4.5	231,324	Open	11.4	118
5/6/2025	1:15:00	7.2	2.120	8.4	231,357	Open	11.3	119
5/6/2025	1:30:00	7.3	1.991	8.9	231,387	Open	11.4	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	1:45:00	7.2	2.086	0	231,415	Open	12.3	263
5/6/2025	2:00:00	7.2	2.101	0	231,446	Open	11.5	119
5/6/2025	2:15:00	7.2	2.104	0	231,478	Open	11.5	119
5/6/2025	2:30:00	7.2	2.048	0	231,509	Open	11.6	119
5/6/2025	2:45:00	7.1	2.078	0	231,540	Open	11.4	119
5/6/2025	3:00:00	7.1	2.036	0	231,571	Open	11.4	119
5/6/2025	3:15:00	7.1	2.112	0	231,603	Open	11.5	119
5/6/2025	3:30:00	7.2	0.977	16.8	231,620	Open	11.4	119
5/6/2025	3:45:00	7.3	2.252	3.7	231,652	Open	11.3	119
5/6/2025	4:00:00	7.3	2.237	1.9	231,685	Open	11.4	119
5/6/2025	4:15:00	7.3	2.226	3.1	231,719	Open	11.6	121
5/6/2025	4:30:00	7.3	2.241	4.8	231,742	Open	11.7	121
5/6/2025	4:45:00	7.3	2.237	3.5	231,776	Open	11.6	121
5/6/2025	5:00:00	7.3	2.222	5.5	231,796	Open	12	121
5/6/2025	5:15:00	7.3	2.229	6.3	231,818	Open	12.2	119
5/6/2025	5:30:00	7.3	0.912	27.4	231,843	Closed	11.6	119
5/6/2025	5:45:00	7.3	2.226	3.9	231,869	Open	11.5	121
5/6/2025	6:00:00	7.3	2.229	7.1	231,902	Open	11.5	121
5/6/2025	6:15:00	7.2	2.017	0	231,922	Open	11.7	121
5/6/2025	6:30:00	7.3	1.930	0	231,952	Open	11.8	121
5/6/2025	6:45:00	7.3	2.051	0	231,982	Open	11.9	121
5/6/2025	7:00:00	7.3	2.048	0	232,014	Open	11.8	122
5/6/2025	7:15:00	7.2	2.381	3.3	232,047	Open	11.6	119
5/6/2025	7:30:00	7.3	2.127	34.3	232,065	Closed	11.6	119
5/6/2025	7:45:00	7.3	2.256	0.3	232,095	Open	11.4	119
5/6/2025	8:00:00	7.3	2.275	3.6	232,129	Open	11.3	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	8:15:00	7.3	2.218	0.8	232,163	Open	11.2	116
5/6/2025	8:30:00	7.2	2.256	1.6	232,196	Open	11.8	114
5/6/2025	8:45:00	7.2	2.233	2.1	232,230	Open	11.2	114
5/6/2025	9:00:00	7.2	2.237	1.6	232,264	Open	11.2	114
5/6/2025	9:15:00	7.2	2.237	2.9	232,297	Open	11.2	113
5/6/2025	9:30:00	7.2	2.203	1.6	232,330	Open	11.2	114
5/6/2025	9:45:00	7.3	2.192	2.2	232,363	Open	11.2	114
5/6/2025	10:00:00	7.3	2.192	1.6	232,396	Open	11.2	114
5/6/2025	10:15:00	7.3	2.180	1.1	232,428	Open	11.3	114
5/6/2025	10:30:00	7.3	2.169	1.6	232,461	Open	11.4	114
5/6/2025	10:45:00	7.3	2.154	2	232,493	Open	11.4	114
5/6/2025	11:00:00	7.3	2.142	1.8	232,525	Open	11.5	114
5/6/2025	11:15:00	7.3	2.112	1.7	232,557	Open	11.5	114
5/6/2025	11:30:00	7.3	2.112	0.7	232,589	Open	11.6	114
5/6/2025	11:45:00	7.3	2.089	0.9	232,620	Open	11.7	114
5/6/2025	12:00:00	7.3	2.074	0.9	232,651	Open	11.7	114
5/6/2025	12:15:00	7.3	1.162	4.8	232,675	Open	11.6	114
5/6/2025	12:30:00	7.3	2.089	6	232,686	Closed	11.6	114
5/6/2025	12:45:00	7.3	2.339	1.1	232,719	Open	11.7	114
5/6/2025	13:00:00	7.3	2.339	3.1	232,754	Open	11.8	114
5/6/2025	13:15:00	7.3	2.657	13.5	232,791	Open	11.8	114
5/6/2025	13:30:00	7.3	0.530	56.5	232,827	Open	11.8	114
5/6/2025	13:45:00	7.4	2.271	8.3	232,833	Open	12	114
5/6/2025	14:00:00	7.3	2.161	4.9	232,866	Open	11.9	114
5/6/2025	14:15:00	7.2	2.142	6.5	232,899	Open	12	114
5/6/2025	14:30:00	7.3	2.135	3.6	232,930	Open	12	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	14:45:00	7.3	2.123	6.5	232,962	Open	12	114
5/6/2025	15:00:00	7.3	2.116	4.8	232,994	Open	12.1	114
5/6/2025	15:15:00	7.3	0.000	5.2	233,020	Closed	12.3	114
5/6/2025	15:30:00	7.3	2.131	4.2	233,045	Open	12.3	116
5/6/2025	15:45:00	7.3	2.123	3.1	233,077	Open	12.3	116
5/6/2025	16:00:00	7.3	2.139	4.3	233,109	Open	12.3	116
5/6/2025	16:15:00	7.3	2.108	5.1	233,141	Open	12.3	116
5/6/2025	16:30:00	7.3	2.097	0.7	233,173	Open	12.3	116
5/6/2025	16:45:00	7.3	2.048	1	233,203	Open	12.3	116
5/6/2025	17:00:00	7.3	2.040	1.1	233,234	Open	12.2	114
5/6/2025	17:15:00	7.3	2.017	2.5	233,265	Open	12.2	117
5/6/2025	17:30:00	7.3	0.946	8.8	233,287	Open	12.1	116
5/6/2025	17:45:00	7.3	2.169	0.1	233,310	Open	12.1	114
5/6/2025	18:00:00	7.3	2.188	3.9	233,331	Open	12.2	114
5/6/2025	18:15:00	7.3	2.154	1.6	233,363	Open	12	114
5/6/2025	18:30:00	7.3	2.131	1.3	233,395	Open	12	114
5/6/2025	18:45:00	7.3	2.116	0.9	233,427	Open	12	114
5/6/2025	19:00:00	7.3	2.131	2.4	233,459	Open	12	114
5/6/2025	19:15:00	7.3	1.188	2.9	233,491	Closed	12	114
5/6/2025	19:30:00	7.3	2.139	4.6	233,511	Open	11.9	114
5/6/2025	19:45:00	7.3	2.146	8.2	233,542	Open	11.8	114
5/6/2025	20:00:00	7.3	2.112	8.3	233,574	Open	11.8	114
5/6/2025	20:15:00	7.3	0.572	8	233,597	Open	11.7	114
5/6/2025	20:30:00	7.3	2.135	0.6	233,617	Open	12.7	264
5/6/2025	20:45:00	7.2	1.495	0.1	233,647	Open	11.7	113
5/6/2025	21:00:00	7.2	1.862	0	233,661	Closed	11.6	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	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/6/2025	21:15:00	7.3	1.980	0.3	233,682	Open	12.2	113
5/6/2025	21:30:00	7.3	1.998	0.7	233,712	Open	12.4	114
5/6/2025	21:45:00	7.3	1.980	0.4	233,742	Open	12.2	114
5/6/2025	22:00:00	7.3	0.000	0.4	233,750	Open	12.5	114
5/6/2025	22:15:00	7.3	2.267	0.2	233,765	Open	12.4	114
5/6/2025	22:30:00	7.3	2.176	0.1	233,798	Open	12.5	114
5/6/2025	22:45:00	7.3	2.260	0.1	233,831	Open	12.7	114
5/6/2025	23:00:00	7.3	2.279	0.8	233,863	Open	11.5	114
5/6/2025	23:15:00	7.3	2.600	23.7	233,897	Open	11.4	113
5/6/2025	23:30:00	7.4	2.161	0.9	233,928	Open	11.7	113
5/6/2025	23:45:00	7.3	0.439	4.1	233,955	Open	11.5	113
5/7/2025	0:00:00	7.3	2.347	84.4	233,977	Open	11.5	114
5/7/2025	0:15:00	7.5	2.309	3.9	234,001	Open	11.6	307
5/7/2025	0:30:00	7.1	2.388	9.3	234,032	Open	11.3	114
5/7/2025	0:45:00	6.9	2.366	2.8	234,067	Open	11.3	272
5/7/2025	1:00:00	7.6	2.377	6.2	234,102	Open	11.4	320
5/7/2025	1:15:00	7.5	2.116	9.2	234,135	Open	11.6	371
5/7/2025	1:30:00	7.1	2.275	7	234,153	Open	11.9	402
5/7/2025	1:45:00	7.6	2.237	11.2	234,174	Open	11.7	425
5/7/2025	2:00:00	7.4	2.033	7.1	234,205	Open	12.1	442
5/7/2025	2:15:00	8.1	0.000	25.7	234,226	Closed	11.6	448
5/7/2025	2:30:00	7.2	1.964	12.4	234,238	Open	11.6	420
5/7/2025	2:45:00	7.4	1.843	31.6	234,261	Open	11.6	412
5/7/2025	3:00:00	7.3	2.453	111.5	234,289	Open	11.6	447
5/7/2025	3:15:00	7.1	2.078	4.9	234,306	Open	11.4	410
5/7/2025	3:30:00	6.9	2.335	1.7	234,341	Open	11.3	378

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	3:45:00	7.3	2.313	1.9	234,376	Open	11.4	353
5/7/2025	4:00:00	7.2	2.487	5.3	234,408	Open	11.5	337
5/7/2025	4:15:00	7.6	2.540	3.5	234,435	Open	11.6	320
5/7/2025	4:30:00	6.7	2.472	1.1	234,470	Open	11.6	314
5/7/2025	4:45:00	7.2	2.426	2.6	234,507	Open	11.8	318
5/7/2025	5:00:00	6.9	2.551	0.6	234,544	Open	11.6	305
5/7/2025	5:15:00	7.3	2.509	0.7	234,581	Open	11.5	295
5/7/2025	5:30:00	7.2	2.468	0	234,617	Open	11.6	308
5/7/2025	5:45:00	7.6	2.763	0	234,656	Open	11.5	286
5/7/2025	6:00:00	7.4	2.173	0	234,685	Open	11.5	283
5/7/2025	6:15:00	7.9	2.479	5.6	234,719	Open	11.6	285
5/7/2025	6:30:00	7.3	2.487	1.7	234,757	Open	11.7	298
5/7/2025	6:45:00	7.1	2.585	1.5	234,796	Open	11.4	288
5/7/2025	7:00:00	7	2.665	1.7	234,836	Open	11.4	288
5/7/2025	7:15:00	6.9	2.055	1.9	234,850	Open	11.3	286
5/7/2025	7:30:00	7.1	2.464	0.2	234,885	Open	11.3	281
5/7/2025	7:45:00	7.2	2.048	0	234,918	Open	11.4	276
5/7/2025	8:00:00	7.4	2.282	13.7	234,949	Open	11.3	271
5/7/2025	8:15:00	7.4	2.150	1.7	234,982	Open	11.1	270
5/7/2025	8:30:00	7.5	2.146	5.4	235,014	Open	11.1	274
5/7/2025	8:45:00	7.4	2.131	4.9	235,046	Open	11.1	278
5/7/2025	9:00:00	7.2	0.341	99.8	235,067	Closed	11.1	281
5/7/2025	9:15:00	7.1	2.218	6.1	235,092	Open	11.1	283
5/7/2025	9:30:00	7	2.252	3.1	235,126	Open	11.1	283
5/7/2025	9:45:00	7.1	2.248	4	235,159	Open	11.1	283
5/7/2025	10:00:00	7.4	2.218	4.7	235,193	Open	11.1	278

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	10:15:00	7.2	2.176	3.6	235,225	Open	11.1	279
5/7/2025	10:30:00	7.5	0.242	7.1	235,253	Open	11.2	274
5/7/2025	10:45:00	7.2	2.184	7.4	235,277	Open	11.2	274
5/7/2025	11:00:00	7	2.252	4.7	235,302	Open	11.2	276
5/7/2025	11:15:00	6.9	2.214	3.6	235,336	Open	11.3	276
5/7/2025	11:30:00	7	2.226	3.6	235,369	Open	11.4	271
5/7/2025	11:45:00	7.2	2.222	5	235,392	Open	11.5	269
5/7/2025	12:00:00	7.4	2.203	4.8	235,422	Open	11.6	266
5/7/2025	12:15:00	7.5	2.195	8.6	235,455	Open	11.6	264
5/7/2025	12:30:00	7.5	2.173	11.6	235,487	Open	11.6	264
5/7/2025	12:45:00	7.5	2.169	13.4	235,520	Open	11.6	264
5/7/2025	13:00:00	7.2	2.248	4.1	235,549	Open	11.6	268
5/7/2025	13:15:00	7.5	2.260	6.2	235,574	Open	11.7	268
5/7/2025	13:30:00	7.1	2.222	3.8	235,608	Open	11.7	267
5/7/2025	13:45:00	7.3	2.245	6	235,631	Open	11.7	268
5/7/2025	14:00:00	7	1.609	6.9	235,655	Open	12.2	266
5/7/2025	14:15:00	7.4	2.324	3.6	235,689	Open	11.7	114
5/7/2025	14:30:00	7.5	2.320	4.4	235,717	Open	11.7	114
5/7/2025	14:45:00	7.5	2.320	4.3	235,752	Open	11.7	114
5/7/2025	15:00:00	7.4	2.279	7.9	235,775	Open	11.6	114
5/7/2025	15:15:00	7.4	2.290	1.6	235,807	Open	11.7	114
5/7/2025	15:30:00	7.5	2.301	2.3	235,841	Open	11.6	114
5/7/2025	15:45:00	7.4	2.290	1.5	235,876	Open	11.6	115
5/7/2025	16:00:00	7.5	2.267	1.3	235,910	Open	11.6	114
5/7/2025	16:15:00	7.4	2.290	2.1	235,931	Open	11.9	114
5/7/2025	16:30:00	7.2	2.241	1.1	235,965	Open	11.6	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	16:45:00	7.1	2.229	1.5	235,998	Open	11.6	264
5/7/2025	17:00:00	7.2	1.503	36.3	236,030	Open	11.6	114
5/7/2025	17:15:00	7.2	2.252	1.1	236,047	Open	11.5	114
5/7/2025	17:30:00	7.1	2.241	1.3	236,081	Open	11.4	266
5/7/2025	17:45:00	7.1	2.207	2.3	236,114	Open	11.4	266
5/7/2025	18:00:00	7.2	2.157	2.8	236,147	Open	11.4	114
5/7/2025	18:15:00	7.3	2.135	2.4	236,180	Open	11.4	114
5/7/2025	18:30:00	7.3	2.135	3.3	236,201	Open	11.4	114
5/7/2025	18:45:00	7.4	0.197	1.3	236,226	Open	11.4	114
5/7/2025	19:00:00	7.4	2.086	2.6	236,253	Open	11.2	114
5/7/2025	19:15:00	7.2	2.070	1.7	236,284	Open	11.2	269
5/7/2025	19:30:00	6.9	0.727	24.9	236,309	Closed	11.1	114
5/7/2025	19:45:00	6.8	2.010	1.5	236,335	Open	11.2	266
5/7/2025	20:00:00	6.8	2.033	1.9	236,366	Open	11.1	113
5/7/2025	20:15:00	7	2.184	2.4	236,397	Open	11.2	113
5/7/2025	20:30:00	7.1	2.426	3.3	236,433	Open	11.1	112
5/7/2025	20:45:00	7.3	2.385	3.7	236,469	Open	11.1	112
5/7/2025	21:00:00	7.1	2.297	5.9	236,505	Open	11.1	113
5/7/2025	21:15:00	6.8	2.294	6.6	236,539	Open	11.1	271
5/7/2025	21:30:00	6.5	2.294	12.8	236,573	Open	11.1	279
5/7/2025	21:45:00	6.5	0.276	6.7	236,578	Open	11	282
5/7/2025	22:00:00	6.5	2.434	5.5	236,606	Open	10.9	279
5/7/2025	22:15:00	6.8	2.176	1.8	236,637	Open	11	279
5/7/2025	22:30:00	7	2.184	1.6	236,670	Open	11.1	272
5/7/2025	22:45:00	7.1	2.241	2.5	236,701	Open	11.1	264
5/7/2025	23:00:00	7.3	2.740	7.4	236,738	Open	11.3	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	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/7/2025	23:15:00	7.3	0.000	7.1	236,772	Open	11.4	276
5/7/2025	23:30:00	7.2	2.286	4	236,790	Open	11.4	282
5/7/2025	23:45:00	7.1	2.290	3.5	236,824	Open	11.4	283
5/8/2025	0:00:00	7	2.260	4.4	236,859	Open	11.3	282
5/8/2025	0:15:00	6.9	2.426	6	236,893	Open	11.4	289
5/8/2025	0:30:00	6.8	2.430	5.8	236,929	Open	11.5	292
5/8/2025	0:45:00	6.8	2.366	4.4	236,965	Open	11.5	294
5/8/2025	1:00:00	7.3	0.000	4	236,990	Open	11.5	283
5/8/2025	1:15:00	7.7	1.726	7.9	236,997	Open	11.1	286
5/8/2025	1:30:00	7.4	1.874	14.6	237,022	Open	11.2	281
5/8/2025	1:45:00	7.8	1.942	4.6	237,051	Open	11.7	281
5/8/2025	2:00:00	7.9	1.945	3.7	237,080	Open	12.4	284
5/8/2025	2:15:00	6.7	2.222	8	237,111	Open	11	294
5/8/2025	2:30:00	6.6	2.207	9.5	237,144	Open	11	299
5/8/2025	2:45:00	6.6	2.252	9.4	237,178	Open	11.2	309
5/8/2025	3:00:00	6.9	2.233	12.2	237,211	Open	11	302
5/8/2025	3:15:00	7.9	0.363	39.9	237,230	Closed	10.9	300
5/8/2025	3:30:00	9.3	0.269	13.6	237,239	Closed	10.9	312
5/8/2025	3:45:00	8.9	1.635	18	237,250	Open	10.9	319
5/8/2025	4:00:00	8	1.790	4.4	237,269	Open	11.8	332
5/8/2025	4:15:00	8.4	2.150	1.9	237,298	Open	11.6	351
5/8/2025	4:30:00	7.6	2.116	0.1	237,330	Open	11.9	368
5/8/2025	4:45:00	7.6	2.112	0.5	237,361	Open	12.7	371
5/8/2025	5:00:00	9.5	0.867	10.8	237,372	Closed	11.2	394
5/8/2025	5:15:00	7.5	2.400	11.4	237,405	Open	11.1	411
5/8/2025	5:30:00	7.4	2.366	14.4	237,441	Open	11.1	410

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	5:45:00	7.4	2.388	11.1	237,476	Open	11.5	417
5/8/2025	6:00:00	7.9	0.337	37.3	237,494	Closed	11.2	386
5/8/2025	6:15:00	8.4	2.188	59.9	237,494	Closed	11.2	382
5/8/2025	6:30:00	7.3	2.491	13.4	237,523	Open	11.1	396
5/8/2025	6:45:00	7.3	2.528	10.5	237,561	Open	11.1	382
5/8/2025	7:00:00	7.5	2.555	11.1	237,599	Open	11	369
5/8/2025	7:15:00	7.5	2.483	4.8	237,637	Open	11	356
5/8/2025	7:30:00	7.1	2.460	3.8	237,674	Open	11.1	346
5/8/2025	7:45:00	7.1	2.415	2.3	237,711	Open	11.1	330
5/8/2025	8:00:00	7.2	2.407	1.1	237,747	Open	11	313
5/8/2025	8:15:00	7.3	2.339	0.3	237,783	Open	10.9	304
5/8/2025	8:30:00	7.4	2.366	0	237,819	Open	10.9	297
5/8/2025	8:45:00	7.5	2.445	0.2	237,855	Open	10.9	294
5/8/2025	9:00:00	7.5	2.388	0.2	237,891	Open	10.8	299
5/8/2025	9:15:00	7.1	2.456	0.7	237,917	Open	10.9	309
5/8/2025	9:30:00	7.5	2.316	0.2	237,953	Open	10.9	297
5/8/2025	9:45:00	7.6	2.358	0.6	237,987	Open	10.9	297
5/8/2025	10:00:00	7.4	2.373	0.3	238,023	Open	11	291
5/8/2025	10:15:00	7.3	2.388	0.4	238,058	Open	11.1	289
5/8/2025	10:30:00	7.3	2.059	0.5	238,094	Open	11.1	286
5/8/2025	10:45:00	7.3	2.392	0.4	238,117	Open	11.2	286
5/8/2025	11:00:00	7.5	0.000	0.2	238,147	Closed	11.3	284
5/8/2025	11:15:00	7.1	2.350	0.5	238,177	Open	11.3	279
5/8/2025	11:30:00	7.3	2.521	0.7	238,204	Open	11.3	277
5/8/2025	11:45:00	7.5	1.272	0.2	238,241	Closed	11.3	276
5/8/2025	12:00:00	7.2	1.098	47.7	238,250	Closed	11.7	294

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	12:15:00	7.3	2.233	0.6	238,282	Open	11.3	277
5/8/2025	12:30:00	7.2	1.506	5.1	238,308	Open	11.3	277
5/8/2025	12:45:00	7.1	2.456	0.4	238,330	Open	11.2	276
5/8/2025	13:00:00	7	2.460	1.7	238,365	Open	11.2	276
5/8/2025	13:15:00	7	2.237	1.5	238,399	Open	11.3	276
5/8/2025	13:30:00	7.1	2.199	2.2	238,433	Open	11.3	272
5/8/2025	14:00:00	7.3	2.328	2.7	238,488	Open	11.5	276
5/8/2025	14:15:00	7	2.362	2.7	238,523	Open	11.7	271
5/8/2025	14:30:00	7.1	2.301	3	238,558	Open	11.8	272
5/8/2025	14:45:00	7.2	2.453	0.7	238,587	Open	11.8	272
5/8/2025	15:00:00	7.2	2.460	0.2	238,624	Open	11.7	273
5/8/2025	15:15:00	7.2	2.460	0	238,660	Open	11.7	273
5/8/2025	15:30:00	7.3	2.415	0.5	238,697	Open	11.7	279
5/8/2025	15:45:00	7.6	1.756	3	238,728	Open	11.6	304
5/8/2025	16:00:00	7	1.650	7.4	238,749	Open	11.6	328
5/8/2025	16:15:00	7.2	2.290	0.9	238,782	Open	11.4	328
5/8/2025	16:30:00	7.2	2.301	1.6	238,806	Open	11.6	325
5/8/2025	16:45:00	7.2	1.575	1.5	238,841	Open	11.3	353
5/8/2025	17:00:00	7	2.419	3.4	238,860	Open	11.2	384
5/8/2025	17:15:00	7.2	2.441	2.7	238,896	Open	11.2	406
5/8/2025	17:30:00	7.4	0.269	4.3	238,931	Closed	11.2	439
5/8/2025	17:45:00	7.3	0.284	0.6	238,946	Open	11.2	114
5/8/2025	18:00:00	6.9	2.392	4.1	238,976	Open	11.1	407
5/8/2025	18:15:00	7	2.385	1.9	239,012	Open	11	371
5/8/2025	18:30:00	6.9	1.643	1.6	239,033	Open	11	346
5/8/2025	18:45:00	7	2.396	0.9	239,056	Open	11	328

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/8/2025	19:00:00	7.1	2.067	0.7	239,074	Open	11.4	114
5/8/2025	19:15:00	7.2	1.684	2.6	239,109	Open	10.9	328
5/8/2025	19:30:00	7.2	2.400	0.8	239,133	Open	10.9	322
5/8/2025	19:45:00	7.1	0.269	0.7	239,165	Open	10.9	113
5/8/2025	20:00:00	7	2.400	0.5	239,198	Open	10.8	303
5/8/2025	20:15:00	6.9	0.299	1.6	239,224	Open	10.9	111
5/8/2025	20:30:00	6.9	2.509	0.5	239,256	Open	10.8	283
5/8/2025	20:45:00	7.3	0.284	0.4	239,285	Open	11.1	111
5/8/2025	21:00:00	7.5	2.464	0.3	239,321	Open	10.7	282
5/8/2025	21:15:00	7.4	2.456	0.3	239,348	Open	10.9	287
5/8/2025	21:30:00	7.5	2.438	0.4	239,385	Open	10.6	293
5/8/2025	21:45:00	7.3	2.449	0.3	239,407	Open	10.6	297
5/8/2025	22:00:00	7.1	2.419	0.4	239,433	Open	10.8	301
5/8/2025	22:15:00	7.2	2.400	0.9	239,469	Open	10.5	318
5/8/2025	22:30:00	7.2	0.235	57.9	239,486	Open	11.1	111
5/8/2025	22:45:00	6.9	2.400	0.7	239,514	Open	10.5	308
5/8/2025	23:00:00	6.9	2.385	0.8	239,538	Open	10.5	308
5/8/2025	23:15:00	7	0.435	1	239,569	Open	10.5	312
5/8/2025	23:30:00	7	2.487	1	239,585	Open	10.5	314
5/8/2025	23:45:00	6.8	2.540	0.7	239,609	Open	10.7	298
5/9/2025	0:00:00	6.8	2.468	0.6	239,643	Open	10.6	293
5/9/2025	0:15:00	7	2.438	0.4	239,680	Open	10.6	293
5/9/2025	0:30:00	7.1	1.813	0.8	239,692	Open	10.6	301
5/9/2025	0:45:00	7.1	2.460	0.5	239,718	Open	10.6	301
5/9/2025	1:00:00	6.9	2.449	0.4	239,754	Open	10.6	298
5/9/2025	1:15:00	6.9	2.430	0.5	239,782	Open	10.8	300

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	1:30:00	6.9	2.456	0.5	239,809	Open	10.7	297
5/9/2025	1:45:00	7.8	2.445	0.3	239,846	Open	10.7	305
5/9/2025	2:00:00	6.7	0.000	0.8	239,875	Closed	11.2	113
5/9/2025	2:15:00	7.2	2.392	0.4	239,909	Open	10.8	320
5/9/2025	2:30:00	7.1	0.257	2.5	239,932	Open	11.5	114
5/9/2025	2:45:00	7.1	2.438	0.2	239,968	Open	10.8	327
5/9/2025	3:00:00	7.1	2.407	0.3	239,988	Open	11.8	329
5/9/2025	3:15:00	7	0.231	0.1	240,007	Open	12.7	116
5/9/2025	3:30:00	7	0.136	0	240,010	Open	15.9	116
5/9/2025	3:45:00	7	0.197	0.6	240,021	Open	13.4	116
5/9/2025	4:00:00	6.9	2.411	0	240,046	Open	11	323
5/9/2025	4:15:00	6.8	2.400	0.1	240,083	Open	10.9	319
5/9/2025	4:30:00	7.1	2.426	0.4	240,115	Open	11	304
5/9/2025	4:45:00	8.1	2.430	3.1	240,152	Open	11	293
5/9/2025	5:00:00	8.9	2.343	8.8	240,188	Open	10.9	296
5/9/2025	5:15:00	7.7	2.441	13	240,224	Open	10.8	335
5/9/2025	5:30:00	8.9	2.271	18.9	240,258	Open	10.8	393
5/9/2025	5:45:00	7.4	2.509	5.2	240,274	Open	10.7	444
5/9/2025	6:00:00	7	2.430	13.1	240,310	Open	10.7	412
5/9/2025	6:15:00	6.9	2.320	8.3	240,346	Open	10.7	371
5/9/2025	6:30:00	6.5	2.502	2.1	240,380	Open	10.8	337
5/9/2025	6:45:00	6.7	2.438	1.8	240,403	Open	11.5	332
5/9/2025	7:00:00	7	2.407	1.1	240,432	Open	10.8	319
5/9/2025	7:15:00	7.5	1.684	4.7	240,463	Open	10.7	312
5/9/2025	7:30:00	7.3	2.426	0.4	240,499	Open	10.6	298
5/9/2025	7:45:00	7.1	0.265	0.6	240,526	Open	11.1	111

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	8:00:00	6.8	2.411	0.6	240,560	Open	10.6	287
5/9/2025	8:15:00	6.7	2.445	0.6	240,584	Open	10.6	283
5/9/2025	8:30:00	6.7	2.392	0.5	240,620	Open	10.6	280
5/9/2025	8:45:00	6.7	2.396	0.4	240,645	Open	10.5	282
5/9/2025	9:00:00	6.9	0.477	0.5	240,677	Closed	10.6	285
5/9/2025	9:15:00	7	2.411	0.4	240,703	Open	10.6	283
5/9/2025	9:30:00	6.7	2.403	0.3	240,739	Open	10.6	277
5/9/2025	9:45:00	6.9	0.000	0.5	240,771	Closed	10.6	280
5/9/2025	10:00:00	7	2.407	0.2	240,799	Open	10.6	281
5/9/2025	10:15:00	7.1	2.388	0.4	240,834	Open	10.7	280
5/9/2025	10:30:00	7.2	2.388	0.3	240,858	Open	10.7	281
5/9/2025	10:45:00	7	2.400	0.6	240,891	Open	10.8	276
5/9/2025	11:00:00	7.1	2.434	0.5	240,917	Open	10.8	278
5/9/2025	11:15:00	7.2	1.154	0.5	240,953	Closed	10.8	279
5/9/2025	11:30:00	7.2	2.419	0.4	240,975	Open	10.8	281
5/9/2025	11:45:00	7.2	2.445	0.3	241,001	Open	10.9	278
5/9/2025	12:00:00	7.1	2.392	0.3	241,037	Open	10.8	278
5/9/2025	12:15:00	7.1	1.681	1.1	241,060	Open	11	277
5/9/2025	12:30:00	7.2	2.403	0.3	241,096	Open	10.9	281
5/9/2025	12:45:00	7.2	2.407	0.3	241,121	Open	10.9	277
5/9/2025	13:00:00	7.1	2.377	0.4	241,157	Open	10.9	277
5/9/2025	13:15:00	7.1	2.392	0.4	241,181	Open	10.9	277
5/9/2025	13:30:00	7.1	2.347	0.4	241,217	Open	11	274
5/9/2025	13:45:00	7.5	2.350	0.3	241,241	Open	11	271
5/9/2025	14:00:00	7.5	2.354	2.3	241,262	Open	11.2	267
5/9/2025	14:15:00	7.1	2.290	0.3	241,297	Open	10.9	269

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	14:30:00	7.2	2.286	0.7	241,321	Open	10.9	269
5/9/2025	14:45:00	7	1.646	1.6	241,352	Open	10.9	271
5/9/2025	15:00:00	7	2.313	0.7	241,375	Open	10.9	269
5/9/2025	15:15:00	7	0.000	0.5	241,399	Closed	11	272
5/9/2025	15:30:00	7	2.127	0.3	241,428	Open	10.8	269
5/9/2025	15:45:00	6.9	2.267	0.4	241,448	Open	10.8	267
5/9/2025	16:00:00	6.9	2.222	0.3	241,481	Open	10.8	269
5/9/2025	16:15:00	6.9	2.123	0	241,514	Open	10.9	268
5/9/2025	16:30:00	6.9	2.260	0	241,535	Open	11	117
5/9/2025	16:45:00	6.9	2.165	0	241,568	Open	11	116
5/9/2025	17:00:00	6.9	2.059	0	241,589	Open	11	267
5/9/2025	17:15:00	7.1	2.086	0	241,617	Open	11.1	314
5/9/2025	17:30:00	7.1	2.161	0	241,640	Open	11.2	271
5/9/2025	17:45:00	7.4	2.055	0	241,671	Open	11.1	119
5/9/2025	18:00:00	6.9	1.389	0	241,699	Open	11.1	117
5/9/2025	18:15:00	7.1	2.218	8.9	241,720	Open	11	116
5/9/2025	18:30:00	7.1	2.169	0	241,755	Open	11	116
5/9/2025	18:45:00	7.6	2.282	0	241,778	Open	11.1	117
5/9/2025	19:00:00	7.2	0.201	0	241,799	Open	11.1	117
5/9/2025	19:15:00	6.9	2.252	0	241,825	Open	10.9	116
5/9/2025	19:30:00	7.4	2.210	0	241,858	Open	10.9	116
5/9/2025	19:45:00	7.4	2.241	0	241,881	Open	10.9	116
5/9/2025	20:00:00	7.5	2.173	0	241,915	Open	10.9	117
5/9/2025	20:15:00	7.6	2.248	0	241,935	Open	10.9	116
5/9/2025	20:30:00	6.8	0.000	0	241,962	Closed	11.1	119
5/9/2025	20:45:00	7.4	1.752	0	241,984	Open	11.1	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/9/2025	21:00:00	7.3	2.358	0	242,003	Open	11	117
5/9/2025	21:15:00	7.6	2.343	0	242,027	Open	11	117
5/9/2025	21:30:00	7.4	2.426	0	242,059	Open	10.9	116
5/9/2025	21:45:00	7.2	0.000	0	242,086	Closed	11	115
5/9/2025	22:00:00	7.1	1.540	0	242,113	Open	10.9	116
5/9/2025	22:15:00	7	2.396	0	242,128	Open	11.2	116
5/9/2025	22:30:00	7	0.000	0	242,159	Closed	11	116
5/9/2025	22:45:00	7	2.464	0	242,179	Open	10.9	116
5/9/2025	23:00:00	7.1	2.422	0	242,215	Open	10.9	114
5/9/2025	23:15:00	7.4	0.000	0.2	242,243	Closed	11	114
5/9/2025	23:30:00	7.6	1.737	0.2	242,275	Open	10.9	114
5/9/2025	23:45:00	7.7	2.475	0	242,301	Open	10.9	116
5/10/2025	0:00:00	7.7	2.275	9.4	242,319	Closed	11.1	114
5/10/2025	0:15:00	7.7	1.930	0.1	242,353	Open	11.1	114
5/10/2025	0:30:00	7.3	2.536	0.1	242,374	Open	10.9	114
5/10/2025	0:45:00	7.1	0.000	0.3	242,407	Closed	11	267
5/10/2025	1:00:00	7	2.494	0.3	242,435	Open	10.9	114
5/10/2025	1:15:00	7	2.441	0.1	242,461	Open	10.9	114
5/10/2025	1:30:00	7.1	0.000	0	242,491	Closed	10.9	114
5/10/2025	1:45:00	7.3	2.464	0.1	242,520	Open	10.8	114
5/10/2025	2:00:00	7.5	2.441	0	242,545	Open	10.8	114
5/10/2025	2:15:00	7.6	2.388	0	242,571	Open	10.8	114
5/10/2025	2:30:00	7.8	2.532	0	242,593	Open	11.2	116
5/10/2025	2:45:00	7.2	1.313	4.4	242,625	Open	11	268
5/10/2025	3:00:00	7.5	0.000	0	242,649	Closed	10.9	275
5/10/2025	3:15:00	7.3	2.407	0	242,676	Open	10.9	280

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**May 05, 2025 to May 11, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **May 16, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	3:30:00	7.2	0.394	0	242,694	Closed	10.9	282
5/10/2025	3:45:00	7.1	2.407	0	242,706	Open	10.9	280
5/10/2025	4:00:00	7.1	2.400	0	242,727	Open	10.9	282
5/10/2025	4:15:00	7.1	0.000	0	242,761	Closed	10.9	278
5/10/2025	4:30:00	7.1	2.475	0	242,783	Open	11	275
5/10/2025	4:45:00	7	2.479	0	242,807	Open	10.9	272
5/10/2025	5:00:00	7	2.434	0	242,831	Open	11.1	272
5/10/2025	5:15:00	6.9	0.844	0	242,859	Open	10.7	115
5/10/2025	5:30:00	6.9	0.000	0	242,887	Closed	10.8	268
5/10/2025	5:45:00	6.9	0.768	0.3	242,904	Open	11.1	268
5/10/2025	6:00:00	6.9	1.609	0.4	242,937	Open	10.8	114
5/10/2025	6:15:00	7	2.509	0.9	242,967	Open	10.9	116
5/10/2025	6:30:00	7.2	0.000	0.7	242,999	Closed	11	116
5/10/2025	6:45:00	7.4	2.415	0.4	243,029	Open	10.9	117
5/10/2025	7:00:00	7.5	2.468	0.1	243,052	Open	10.9	117
5/10/2025	7:15:00	7.5	2.438	0	243,078	Open	11	117
5/10/2025	7:30:00	7.7	0.000	0	243,112	Closed	10.9	117
5/10/2025	7:45:00	7.7	0.000	0	243,130	Closed	11.1	117
5/10/2025	8:00:00	7.7	2.290	0	243,161	Open	10.9	117
5/10/2025	8:15:00	7.5	2.248	0	243,194	Open	10.8	116
5/10/2025	8:30:00	7.3	1.067	0.3	243,217	Open	10.8	114
5/10/2025	8:45:00	7.1	2.154	0.1	243,240	Open	10.8	114
5/10/2025	9:00:00	7.1	2.294	0	243,273	Open	10.9	270
5/10/2025	9:15:00	7.1	2.214	0	243,306	Open	11	272
5/10/2025	9:30:00	7.1	2.475	0	243,336	Open	11.1	272
5/10/2025	9:45:00	7.1	2.347	0	243,372	Open	11	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	10:00:00	7.1	2.313	0	243,395	Open	11.1	275
5/10/2025	10:15:00	7.1	0.000	0.1	243,424	Closed	11.1	272
5/10/2025	10:30:00	7.1	2.324	0	243,451	Open	11	272
5/10/2025	10:45:00	7	2.222	0	243,486	Open	11	117
5/10/2025	11:00:00	7	1.465	0	243,507	Open	11.3	269
5/10/2025	11:15:00	7.1	2.218	0.4	243,535	Open	11.1	268
5/10/2025	11:30:00	7.2	2.169	0.5	243,568	Open	11	272
5/10/2025	11:45:00	7.2	0.000	0.1	243,595	Closed	11.2	278
5/10/2025	12:00:00	7.2	2.222	0.3	243,615	Open	11.1	273
5/10/2025	12:15:00	7.1	2.139	0.1	243,648	Open	11.1	273
5/10/2025	12:30:00	7.1	2.021	0.2	243,680	Open	11.2	273
5/10/2025	12:45:00	7.1	1.559	0.2	243,698	Open	11.3	268
5/10/2025	13:00:00	7	2.245	0.3	243,730	Open	11.2	114
5/10/2025	13:15:00	7	2.139	1.2	243,763	Open	11.2	117
5/10/2025	13:30:00	7	1.442	0.8	243,785	Open	11.3	116
5/10/2025	13:45:00	6.9	2.267	1	243,813	Open	11.2	116
5/10/2025	14:00:00	6.9	2.157	1.6	243,846	Open	11.2	117
5/10/2025	14:15:00	6.9	2.199	2.2	243,868	Open	11.3	116
5/10/2025	14:30:00	6.9	2.366	1.2	243,893	Open	11.2	117
5/10/2025	14:45:00	6.9	0.844	1.6	243,906	Open	11.3	117
5/10/2025	15:00:00	6.9	2.176	2.3	243,937	Open	11.3	116
5/10/2025	15:15:00	6.9	1.370	2.4	243,965	Open	11.3	117
5/10/2025	15:30:00	6.9	2.252	2	243,997	Open	11.2	117
5/10/2025	15:45:00	6.9	2.120	1.5	244,029	Open	11.2	117
5/10/2025	16:00:00	6.9	1.544	1	244,059	Open	11.2	115
5/10/2025	16:15:00	7.4	2.267	2.8	244,074	Open	11.1	301

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	16:30:00	6.9	2.290	4.2	244,108	Open	11.1	379
5/10/2025	16:45:00	7.1	2.260	4	244,141	Open	11.1	381
5/10/2025	17:00:00	6.9	2.313	4.9	244,170	Open	11.1	364
5/10/2025	17:15:00	6.6	2.297	5.3	244,204	Open	11.1	334
5/10/2025	17:30:00	6.3	2.180	4.5	244,235	Open	11.1	309
5/10/2025	17:45:00	6.4	1.764	3.3	244,264	Open	11.3	296
5/10/2025	18:00:00	7	2.301	1.8	244,297	Open	11.1	284
5/10/2025	18:15:00	7.4	2.313	1.9	244,332	Open	11.1	285
5/10/2025	18:30:00	7.6	0.367	0.8	244,365	Open	11.1	285
5/10/2025	18:45:00	6.8	2.354	0.7	244,389	Open	11.1	282
5/10/2025	19:00:00	6.9	2.320	0.9	244,423	Open	11	287
5/10/2025	19:15:00	6.5	2.282	2	244,458	Open	11	283
5/10/2025	19:30:00	6.8	2.392	2.3	244,479	Open	11	288
5/10/2025	19:45:00	7.1	2.267	1.8	244,514	Open	11	329
5/10/2025	20:00:00	7.4	2.354	1.6	244,540	Open	11	354
5/10/2025	20:15:00	8.5	2.282	1.6	244,564	Open	10.9	364
5/10/2025	20:30:00	5.1	0.299	3.6	244,585	Open	10.9	358
5/10/2025	20:45:00	6.7	0.216	5	244,608	Open	11.1	337
5/10/2025	21:00:00	6.6	0.534	5.8	244,625	Open	11	333
5/10/2025	21:15:00	7.3	2.184	4	244,646	Open	11.1	111
5/10/2025	21:30:00	7.1	2.123	4.2	244,678	Open	10.9	382
5/10/2025	21:45:00	7.3	2.108	5.5	244,710	Open	10.8	380
5/10/2025	22:00:00	7	2.366	3.2	244,733	Open	10.7	344
5/10/2025	22:15:00	6.4	2.347	2.6	244,768	Open	10.8	311
5/10/2025	22:30:00	6.3	1.639	2.1	244,792	Open	11	302
5/10/2025	22:45:00	6.5	2.339	1.7	244,822	Open	10.8	277

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/10/2025	23:00:00	6.9	2.324	1.5	244,842	Open	10.8	277
5/10/2025	23:15:00	6.8	2.335	0.8	244,877	Open	10.8	280
5/10/2025	23:30:00	7.3	2.335	0.9	244,906	Open	10.9	277
5/10/2025	23:45:00	7.2	2.343	0.4	244,933	Open	10.8	287
5/11/2025	0:00:00	8	2.324	0.6	244,969	Open	10.8	288
5/11/2025	0:15:00	8.1	1.597	1.4	244,999	Open	10.8	292
5/11/2025	0:30:00	6.9	2.316	0.5	245,023	Open	10.8	292
5/11/2025	0:45:00	6.8	2.316	0.9	245,047	Open	10.8	280
5/11/2025	1:00:00	6.4	1.597	0.8	245,081	Open	10.9	269
5/11/2025	1:15:00	7	2.313	0.9	245,110	Open	10.9	274
5/11/2025	1:30:00	9.1	2.350	0.8	245,145	Open	10.9	282
5/11/2025	1:45:00	8	2.354	0.5	245,180	Open	10.9	305
5/11/2025	2:00:00	7.8	2.301	0.7	245,206	Open	10.8	307
5/11/2025	2:15:00	7.7	2.294	0.8	245,241	Open	10.8	304
5/11/2025	2:30:00	7.3	2.282	1	245,275	Open	10.7	297
5/11/2025	2:45:00	7.9	0.859	1.3	245,301	Open	10.7	300
5/11/2025	3:00:00	7.3	2.309	0.6	245,332	Open	10.8	309
5/11/2025	3:15:00	7.2	2.275	0.4	245,366	Open	10.8	309
5/11/2025	3:30:00	7.3	0.216	0.1	245,385	Open	11	315
5/11/2025	3:45:00	7.5	2.301	0.5	245,410	Open	10.7	304
5/11/2025	4:00:00	7.5	2.282	0.4	245,433	Open	11	300
5/11/2025	4:15:00	7.2	2.271	0.3	245,467	Open	10.8	289
5/11/2025	4:30:00	7.1	2.279	0.3	245,487	Open	10.8	286
5/11/2025	4:45:00	7.1	2.290	0.1	245,509	Open	11	286
5/11/2025	5:00:00	6.9	2.256	0	245,543	Open	10.7	281
5/11/2025	5:15:00	6.9	1.559	0.5	245,564	Open	10.8	282

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	5:30:00	6.9	2.282	0.1	245,597	Open	10.7	277
5/11/2025	5:45:00	6.9	2.241	0.1	245,619	Open	10.9	281
5/11/2025	6:00:00	6.8	0.802	0	245,652	Open	10.8	277
5/11/2025	6:15:00	6.8	2.297	0	245,675	Open	10.7	272
5/11/2025	6:30:00	6.8	2.241	0	245,709	Open	10.8	276
5/11/2025	6:45:00	6.8	2.233	0	245,732	Open	10.8	277
5/11/2025	7:00:00	6.8	2.279	0.1	245,760	Open	10.7	272
5/11/2025	7:15:00	6.8	2.260	0.1	245,784	Open	10.9	272
5/11/2025	7:30:00	6.8	2.218	0.1	245,817	Open	10.7	272
5/11/2025	7:45:00	6.8	1.559	0.1	245,836	Open	10.7	274
5/11/2025	8:00:00	6.8	2.260	0.1	245,869	Open	10.6	269
5/11/2025	8:15:00	6.9	2.241	0	245,891	Open	10.7	271
5/11/2025	8:30:00	7.1	0.000	0.1	245,917	Closed	10.7	269
5/11/2025	8:45:00	7.4	2.241	0.1	245,942	Open	10.6	112
5/11/2025	9:00:00	7.7	0.000	0.2	245,967	Closed	10.7	112
5/11/2025	9:15:00	7.8	0.000	0.2	245,985	Closed	10.7	112
5/11/2025	9:30:00	7.3	2.014	0.3	246,008	Open	10.5	112
5/11/2025	9:45:00	7.2	2.150	0.1	246,040	Open	10.6	112
5/11/2025	10:00:00	7.1	2.070	0.1	246,072	Closed	10.6	112
5/11/2025	10:15:00	7	1.499	0.2	246,072	Closed	10.6	112
5/11/2025	10:30:00	7	2.271	0.2	246,072	Closed	10.6	112
5/11/2025	10:45:00	7	2.263	0.3	246,090	Open	10.6	112
5/11/2025	11:00:00	7.1	1.624	0.3	246,107	Open	10.6	111
5/11/2025	11:15:00	7	2.350	0.3	246,138	Open	10.6	112
5/11/2025	11:30:00	7	2.366	0.3	246,159	Open	10.7	112
5/11/2025	11:45:00	6.9	2.294	0.1	246,194	Open	10.9	112

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	12:00:00	7	2.343	0.4	246,215	Open	10.7	112
5/11/2025	12:15:00	7	2.195	0.8	246,248	Open	10.7	112
5/11/2025	12:30:00	7	0.238	0.8	246,278	Open	10.7	112
5/11/2025	12:45:00	6.9	1.559	0.8	246,300	Open	10.8	112
5/11/2025	13:00:00	6.9	2.226	0.4	246,332	Open	10.8	112
5/11/2025	13:15:00	6.9	2.256	0.4	246,356	Open	10.8	112
5/11/2025	13:30:00	7	0.208	0.3	246,380	Open	10.9	269
5/11/2025	13:45:00	7.1	2.282	0.7	246,408	Open	10.8	292
5/11/2025	14:00:00	7.1	0.212	1.3	246,436	Open	11	312
5/11/2025	14:15:00	7.1	2.248	0.8	246,464	Open	11	310
5/11/2025	14:30:00	7.1	2.252	0.5	246,491	Open	11	300
5/11/2025	14:45:00	7	2.226	0.4	246,525	Open	11	289
5/11/2025	15:00:00	7.2	2.237	0.7	246,558	Open	11	297
5/11/2025	15:15:00	6.9	1.858	1.8	246,580	Open	11.1	312
5/11/2025	15:30:00	7.3	2.267	3.4	246,612	Open	11.1	346
5/11/2025	15:45:00	7.2	2.233	9.7	246,646	Open	11.1	392
5/11/2025	16:00:00	8.2	1.559	45.4	246,665	Open	11.1	449
5/11/2025	16:15:00	9.1	1.858	31.1	246,680	Closed	11.2	505
5/11/2025	16:30:00	9.4	1.181	26.6	246,680	Closed	11.1	545
5/11/2025	16:45:00	9	2.070	26.5	246,685	Closed	11.1	585
5/11/2025	17:00:00	8.2	2.195	28.3	246,685	Closed	11.1	572
5/11/2025	17:15:00	7.8	0.927	40	246,685	Closed	11.1	550
5/11/2025	17:30:00	7.2	2.252	15.5	246,716	Open	11.1	535
5/11/2025	17:45:00	7.5	2.305	17.3	246,751	Open	11	499
5/11/2025	18:00:00	7.2	1.476	34.2	246,784	Open	11	469
5/11/2025	18:15:00	7.3	2.324	1.3	246,813	Open	11	416

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
5/11/2025	18:30:00	7.1	2.218	0.5	246,848	Open	10.9	392
5/11/2025	18:45:00	7.2	2.271	0.1	246,882	Open	10.9	368
5/11/2025	19:00:00	7.2	2.332	0.5	246,903	Open	10.9	353
5/11/2025	19:15:00	7.1	2.271	0	246,938	Open	10.8	340
5/11/2025	19:30:00	7	0.424	0.1	246,971	Open	10.7	325
5/11/2025	19:45:00	6.9	1.540	1.4	246,989	Open	10.8	322
5/11/2025	20:00:00	6.9	2.328	0.1	247,012	Open	10.7	313
5/11/2025	20:15:00	6.9	0.859	0.5	247,046	Open	10.7	307
5/11/2025	20:30:00	6.8	2.464	0.4	247,071	Open	11	111
5/11/2025	20:45:00	6.9	2.309	2.8	247,107	Open	10.5	303
5/11/2025	21:00:00	6.9	2.332	3.2	247,115	Open	11	308
5/11/2025	21:15:00	6.8	2.403	0.3	247,144	Open	10.6	298
5/11/2025	21:30:00	6.9	2.309	0.2	247,179	Open	10.7	304
5/11/2025	21:45:00	7.3	2.316	0.5	247,215	Open	10.8	307
5/11/2025	22:00:00	7.2	1.609	0.5	247,244	Open	11.3	311
5/11/2025	22:15:00	7.3	2.434	0.4	247,265	Open	10.9	307
5/11/2025	22:30:00	7.1	2.419	0.3	247,283	Open	10.8	307
5/11/2025	22:45:00	6.9	2.150	0.5	247,305	Open	10.7	298
5/11/2025	23:00:00	6.8	2.430	0.3	247,342	Open	10.5	290
5/11/2025	23:15:00	6.9	0.238	0.1	247,373	Open	10.7	292
5/11/2025	23:30:00	7	1.851	0.1	247,402	Open	10.7	288
5/11/2025	23:45:00	7	2.430	0.2	247,428	Open	10.7	286

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, May 05

Photo 2: No visible sheen observed in the WTP water, May 06


Photo 3: No visible sheen observed in the WTP water, May 07

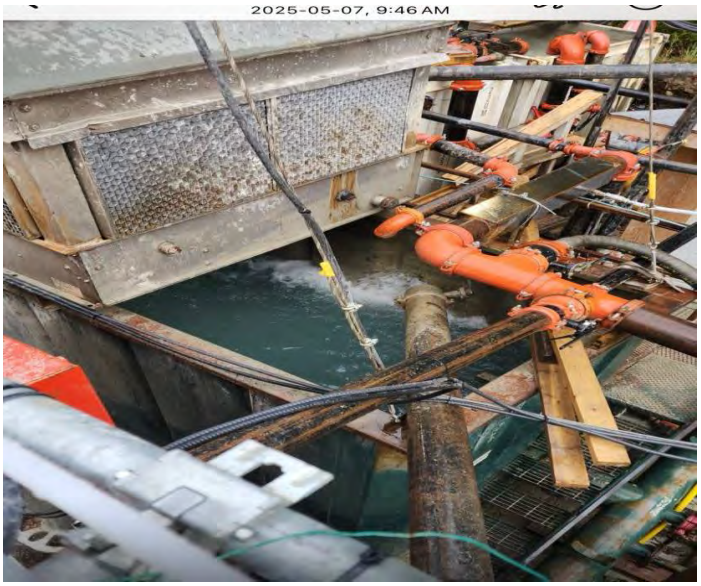



Photo 4: No visible sheen observed in the WTP water, May 10


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 2025-05-06 09:40:00**	**WLNG DS 2025-05-06 09:25:00**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**6.21**	7.18
Field Temperature	**°C**	18	19					9.2	10.9
General Parameters									
pH	**pH Units**							6.39	7.51
Alkalinity (Total as $CaCO_3$)	**mg/L**							5.3	37
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							5.66	35
Hardness ($CaCO_3$)-Dissolved	**mg/L**							5.37	40.6
Sulphide-Total	**mg/L**							<0.0018	0.0088
Sulphide (as H_2S)	**mg/L**			0.002				<0.002	**0.0093**
Un-ionized Hydrogen Sulfide as H_2S-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**	1.83	17.4		20	131		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							6.5	45
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**							0.102	0.129
Phosphorus (P)-Total (4500-P)	**mg/L**							0.0051	0.0033
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	6.6
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	0.1
Sulphate (SO_4)-Dissolved	**mg/L**	128						1.5	4.8

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).

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

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.

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 2025-05-06 09:40:00**	**WLNG DS 2025-05-06 09:25:00**
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.012446						**0.0643**	**0.139**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	0.000133
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000089	0.000652
Barium (Ba)-Total	**mg/L**			1				0.00332	0.00439
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.000005	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	0.012
Cadmium (Cd)-Total	**mg/L**						0.00012	0.0000067	0.0000387
Calcium (Ca)-Total	**mg/L**							1.9	12.9
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Total	**mg/L**							<0.0001	0.00022
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**	0.000152						0.0000236	0.000047
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.000486	0.00027
Iron (Fe)-Total	**mg/L**		1					0.033	0.0447
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.0000225	0.000038
Lithium (Li)-Total	**mg/L**							<0.0005	0.00178
Magnesium (Mg)-Total	**mg/L**							0.22	0.7
Manganese (Mn)-Total	**mg/L**	0.629	0.599				0.1	0.00163	0.018
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000318	0.0108
Nickel (Ni)-Total	**mg/L**						0.0083	0.000199	0.00016
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0051	0.0125
Potassium (K)-Total	**mg/L**							0.156	1.27
Rubidium (Rb)-Total	**mg/L**							0.000314	0.00238
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							3.89	5.03
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.000005	<0.00001
Sodium (Na)-Total	**mg/L**							1.33	3.9
Strontium (Sr)-Total	**mg/L**							0.0114	0.0294

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).

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

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.

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 2025-05-06 09:40:00**	**WLNG DS 2025-05-06 09:25:00**
Total Metals (cont'd.)									
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	0.0000088
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.00059	0.0026
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000706	0.000481
Vanadium (V)-Total	**mg/L**			0.06			0.005	<0.0002	0.00022
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0016	0.0017
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0463	0.0457
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	0.000138
Arsenic (As)-Dissolved	**mg/L**							0.000085	0.000559
Barium (Ba)-Dissolved	**mg/L**							0.00316	0.00344
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**	0.000025	0.000038					0.0000067	0.0000262
Calcium (Ca)-Dissolved	**mg/L**							1.82	15.1
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000189	0.0000394
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0004					**0.000497**	0.000123
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0172	0.0028
Lead (Pb)-Dissolved	**mg/L**	0.00141						0.000011	<0.000005
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00157
Manganese (Mn)-Dissolved	**mg/L**							0.00118	0.0131
Magnesium (Mg)-Dissolved	**mg/L**							0.202	0.695
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000322	0.0113

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).

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

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.

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 2025-05-06 09:40:00**	**WLNG DS 2025-05-06 09:25:00**
Dissolved Metals (cont'd.)									
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0092					0.000198	0.000125
Phosphorus (P)-Dissolved	**mg/L**							0.0046	<0.002
Potassium (K)-Dissolved	**mg/L**							0.163	1.33
Rubidium (Rb)-Dissolved	**mg/L**							0.000326	0.00214
Selenium (Se)-Dissolved	**mg/L**							<0.00004	0.000046
Silicon (Si)-Dissolved	**mg/L**							3.45	5.57
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.37	4.15
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0106	0.0281
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							<0.000002	0.0000077
Thorium (Th)-Dissolved	**mg/L**							0.0000125	<0.000005
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000631	0.00035
Vanadium (V)-Dissolved	**mg/L**							<0.0002	<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.004892	0.008432					0.00146	0.00097
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.5	1.1
Organic Carbon (C)-Dissolved	**mg/L**							1.6	1
Solids-Total Dissolved	**mg/L**							18	74
Solids-Total Suspended	**mg/L**	6.6	26.6					1.6	4.4

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).

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

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.

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)
WLNG-DS	2025-05-05 00:00:00	10.291	109.018	0.016	8.499	10.466	12.448
WLNG-DS	2025-05-05 01:00:00	10.427	122.534	0.017	8.527	10.387	3.922
WLNG-DS	2025-05-05 02:00:00	10.031	107.603	0.017	8.481	10.546	3.259
WLNG-DS	2025-05-05 03:00:00	10.022	105.932	0.017	8.498	10.470	4.368
WLNG-DS	2025-05-05 04:00:00	9.983	104.225	0.018	8.453	10.569	7.212
WLNG-DS	2025-05-05 05:00:00	9.904	102.914	0.018	8.420	10.575	6.263
WLNG-DS	2025-05-05 06:00:00	9.871	104.923	0.017	8.425	10.599	6.051
WLNG-DS	2025-05-05 07:00:00	9.813	103.356	0.017	8.422		6.759
WLNG-DS	2025-05-05 08:00:00	9.761	101.812	0.018	8.415	10.634	13.132
WLNG-DS	2025-05-05 09:00:00	9.650	72.521	0.015	8.415	10.600	13.709
WLNG-DS	2025-05-05 10:00:00	10.161	107.166	0.017	8.453	10.549	16.020
WLNG-DS	2025-05-05 11:00:00	10.456	99.154	0.015	8.485	10.444	14.655
WLNG-DS	2025-05-05 12:00:00	10.919	107.173	0.014	8.509	10.340	8.372
WLNG-DS	2025-05-05 13:00:00	11.155	101.601	0.016	8.529	10.275	7.623
WLNG-DS	2025-05-05 14:00:00	11.438	86.393	0.015	8.508	10.188	16.132
WLNG-DS	2025-05-05 15:00:00	11.469	106.169	0.016	8.508	10.183	9.729
WLNG-DS	2025-05-05 16:00:00	11.533	107.299	0.018	8.514	10.163	6.477
WLNG-DS	2025-05-05 17:00:00	11.424	107.737	0.017	8.499	10.185	8.210
WLNG-DS	2025-05-05 18:00:00	11.160	108.096	0.020	8.493	10.236	8.638
WLNG-DS	2025-05-05 19:00:00	10.974	107.493	0.026	8.477	10.282	13.207
WLNG-DS	2025-05-05 20:00:00	10.664	106.237	0.021	8.479	10.351	7.922
WLNG-DS	2025-05-05 21:00:00	10.566	107.008	0.025	8.396	10.371	6.803
WLNG-DS	2025-05-05 22:00:00	10.501	106.321	0.022	8.314	10.391	11.694
WLNG-DS	2025-05-05 23:00:00	10.430	102.664	0.024	8.411	10.423	14.875
WLNG-DS	2025-05-06 00:00:00	10.343	104.635	0.022	8.445	10.448	9.950
WLNG-DS	2025-05-06 01:00:00	10.269	103.835	0.018	8.464	10.444	14.188
WLNG-DS	2025-05-06 02:00:00	10.255	104.021	0.019	8.457	10.451	4.464
WLNG-DS	2025-05-06 03:00:00	10.165	106.241	0.026	8.445	10.471	6.305
WLNG-DS	2025-05-06 04:00:00	10.150	107.194	0.020	8.476	10.472	14.655
WLNG-DS	2025-05-06 05:00:00	9.917	70.599	0.019	8.404	10.458	6.599
WLNG-DS	2025-05-06 06:00:00	10.027	106.681	0.019	8.481	10.499	18.867
WLNG-DS	2025-05-06 07:00:00	10.016	105.987	0.020	8.470	10.492	3.688
WLNG-DS	2025-05-06 08:00:00	10.050	107.070	0.017	8.475	10.487	13.689
WLNG-DS	2025-05-06 09:00:00	10.251	105.613	0.018	8.479	10.432	6.241
WLNG-DS	2025-05-06 10:00:00	10.517	104.585	0.024	8.483	10.373	13.527
WLNG-DS	2025-05-06 11:00:00	10.941	106.071	0.022	8.501	10.268	8.127
WLNG-DS	2025-05-06 12:00:00	11.338	105.012	0.022	8.505	10.170	7.261
WLNG-DS	2025-05-06 13:00:00	11.472	107.566	0.018	8.536	10.144	18.238
WLNG-DS	2025-05-06 14:00:00	11.640	104.635	0.016	8.501	10.105	26.252
WLNG-DS	2025-05-06 15:00:00	11.698	104.861	0.018	8.494	10.075	26.426
WLNG-DS	2025-05-06 16:00:00	11.536	105.760	0.014	8.494	10.103	22.886
WLNG-DS	2025-05-06 17:00:00	11.316	107.683	0.018	8.504	10.150	28.508
WLNG-DS	2025-05-06 18:00:00	11.487	60.913	0.023	8.359	10.047	6.517
WLNG-DS	2025-05-06 19:00:00	10.985	105.521	0.011	8.483	10.216	20.256
WLNG-DS	2025-05-06 20:00:00	10.912	105.768	0.007	8.463	10.230	30.515
WLNG-DS	2025-05-06 21:00:00	10.849	96.949	0.019	8.422	10.184	6.352
WLNG-DS	2025-05-06 22:00:00	11.134	50.045	0.025	8.301	10.087	0.386
WLNG-DS	2025-05-06 23:00:00	10.696	107.862	0.015	8.462	10.245	8.397
WLNG-DS	2025-05-07 00:00:00	10.636	105.046	0.011	8.474	10.276	5.571
WLNG-DS	2025-05-07 01:00:00	10.641	186.861	0.010	8.674	10.248	10.289
WLNG-DS	2025-05-07 02:00:00	10.731	301.621	0.003	8.696	10.204	18.063
WLNG-DS	2025-05-07 03:00:00	10.859	274.807	-0.001	8.646	10.150	20.296
WLNG-DS	2025-05-07 04:00:00	10.725	176.950	-0.004	8.414	10.015	12.076
WLNG-DS	2025-05-07 05:00:00	10.722	151.562	0.007	8.322	10.228	15.893
WLNG-DS	2025-05-07 06:00:00	10.691	128.985	0.010	8.532	10.179	0.879
WLNG-DS	2025-05-07 07:00:00	10.599	141.317	0.002	8.431	10.265	6.086
WLNG-DS	2025-05-07 08:00:00	10.597	126.129	0.009	8.514	10.269	2.413
WLNG-DS	2025-05-07 09:00:00	10.564	125.877	0.002	8.487	10.271	18.508
WLNG-DS	2025-05-07 10:00:00	10.665	133.409	0.004	8.532	10.277	14.948
WLNG-DS	2025-05-07 11:00:00	10.896	126.090	0.014	8.431	10.225	25.534

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-05-07 12:00:00	11.426	119.880	0.004	8.556	10.096	17.218
WLNG-DS	2025-05-07 14:00:00	11.697	104.889	0.016	8.567	10.006	20.607
WLNG-DS	2025-05-07 15:00:00	11.999	96.309	0.014	8.509	9.931	35.359
WLNG-DS	2025-05-07 16:00:00	11.524	113.378	0.009	8.612	10.049	5.885
WLNG-DS	2025-05-07 17:00:00	11.264	115.600	0.017	8.508	10.115	4.359
WLNG-DS	2025-05-07 18:00:00	11.092	118.065	0.018	8.488	10.163	6.049
WLNG-DS	2025-05-07 19:00:00	10.940	115.057	0.011	8.546	10.183	8.228
WLNG-DS	2025-05-07 20:00:00	10.746	111.728	0.010	8.352	10.234	9.106
WLNG-DS	2025-05-07 21:00:00	10.510	117.948	0.007	8.484	10.301	15.673
WLNG-DS	2025-05-07 22:00:00	10.538	133.414	0.017	8.115	10.297	23.283
WLNG-DS	2025-05-07 23:00:00	10.356	122.301	0.006	8.517	10.379	26.437
WLNG-DS	2025-05-08 00:00:00	10.495	141.753	0.014	8.470	10.340	8.994
WLNG-DS	2025-05-08 01:00:00	10.239	119.722	0.005	8.543	10.389	7.999
WLNG-DS	2025-05-08 02:00:00	10.179	139.678	0.013	8.224	10.430	12.246
WLNG-DS	2025-05-08 03:00:00	10.105	153.928	0.013	8.333	10.482	25.788
WLNG-DS	2025-05-08 04:00:00	10.068	145.870	0.002	8.636	10.444	16.972
WLNG-DS	2025-05-08 05:00:00	10.023	214.675	-0.016	9.334	10.432	3.100
WLNG-DS	2025-05-08 06:00:00	10.046	164.842	-0.011	8.747	10.358	8.239
WLNG-DS	2025-05-08 07:00:00	10.154	233.153	-0.003	8.538	10.471	19.004
WLNG-DS	2025-05-08 08:00:00	10.161	171.688	0.004	8.486	10.489	13.480
WLNG-DS	2025-05-08 09:00:00	10.195	151.878	0.001	8.615	10.501	3.323
WLNG-DS	2025-05-08 10:00:00	10.549	144.935	0.001	8.540	10.390	12.048
WLNG-DS	2025-05-08 11:00:00	10.938	139.171	-0.004	8.592	10.309	7.001
WLNG-DS	2025-05-08 12:00:00	11.768	106.948	0.004	8.502	10.013	0.546
WLNG-DS	2025-05-08 13:00:00	11.150	129.527	0.011	8.476	10.272	9.856
WLNG-DS	2025-05-08 14:00:00	11.431	129.485	0.017	8.562	10.194	4.992
WLNG-DS	2025-05-08 15:00:00	11.602	130.204	0.007	8.534	10.135	7.450
WLNG-DS	2025-05-08 16:00:00	11.507	174.612	-0.003	8.728	10.127	7.064
WLNG-DS	2025-05-08 17:00:00	11.380	139.131	-0.003	8.513	10.090	4.157
WLNG-DS	2025-05-08 18:00:00	10.758	274.004	0.005	8.372	10.293	17.814
WLNG-DS	2025-05-08 19:00:00	10.781	123.736	-0.004	8.492	10.188	0.682
WLNG-DS	2025-05-08 20:00:00	10.506	162.527	0.001	8.390	10.354	17.226
WLNG-DS	2025-05-08 21:00:00	10.341	143.186	0.003	8.539	10.405	13.314
WLNG-DS	2025-05-08 22:00:00	10.185	121.017	0.005	8.489	10.344	2.535
WLNG-DS	2025-05-08 23:00:00	10.065	162.040	0.014	8.369	10.469	8.717
WLNG-DS	2025-05-09 00:00:00	10.078	134.818	0.007	8.301	10.445	9.500
WLNG-DS	2025-05-09 01:00:00	10.064	153.449	0.003	8.358	10.467	17.923
WLNG-DS	2025-05-09 02:00:00	10.033	155.379	-0.001	8.277	10.426	3.218
WLNG-DS	2025-05-09 03:00:00	9.875	123.219	-0.004	8.443	10.388	1.729
WLNG-DS	2025-05-09 04:00:00	9.940	181.294	0.010	8.375	10.484	20.910
WLNG-DS	2025-05-09 05:00:00	10.073	155.199	-0.005	8.652	10.435	30.244
WLNG-DS	2025-05-09 06:00:00	9.952	266.269	-0.009	8.612	10.497	29.522
WLNG-DS	2025-05-09 07:00:00	9.876	178.605	-0.001	8.286	10.513	12.663
WLNG-DS	2025-05-09 08:00:00	9.965	144.256	-0.005	8.293	10.517	16.450
WLNG-DS	2025-05-09 09:00:00	9.982	138.484	-0.001	8.314	10.518	15.539
WLNG-DS	2025-05-09 10:00:00	10.096	135.391	-0.003	8.409	10.491	22.534
WLNG-DS	2025-05-09 11:00:00	10.283	133.144	-0.003	8.416	10.453	14.216
WLNG-DS	2025-05-09 12:00:00	10.476	132.679	-0.001	8.459	10.403	12.499
WLNG-DS	2025-05-09 13:00:00	10.493	132.613	-0.001	8.458	10.397	8.526
WLNG-DS	2025-05-09 14:00:00	10.613	105.921	-0.003	8.508		6.434
WLNG-DS	2025-05-09 15:00:00	10.495	125.212	0.002	8.408	10.388	6.939
WLNG-DS	2025-05-09 16:00:00	10.394	123.252	0.007	8.395	10.412	11.688
WLNG-DS	2025-05-09 17:00:00	10.505	94.593	0.007	8.360	10.359	7.013
WLNG-DS	2025-05-09 18:00:00	10.424	114.544	0.008	8.545	10.393	4.415
WLNG-DS	2025-05-09 19:00:00	10.384	105.499	0.009	8.581	10.366	0.000
WLNG-DS	2025-05-09 20:00:00	10.318	112.026	0.010	8.575	10.405	6.968
WLNG-DS	2025-05-09 21:00:00	10.258	109.960	0.014	8.450	10.417	20.907
WLNG-DS	2025-05-09 22:00:00	10.223	118.158	0.012	8.468	10.425	9.352
WLNG-DS	2025-05-09 23:00:00	10.210	119.290	0.012	8.470	10.429	5.281
WLNG-DS	2025-05-10 00:00:00	10.209	98.695	0.004	8.530	10.382	2.004
WLNG-DS	2025-05-10 01:00:00	10.223	122.772	0.006	8.434	10.415	3.454

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-05-10 02:00:00	10.144	114.149	0.005	8.541	10.444	13.787
WLNG-DS	2025-05-10 03:00:00	10.123	132.460	0.005	8.554	10.411	6.503
WLNG-DS	2025-05-10 04:00:00	10.094	136.226	0.010	8.395	10.415	14.252
WLNG-DS	2025-05-10 05:00:00	10.036	110.251	0.008	8.445	10.384	0.453
WLNG-DS	2025-05-10 06:00:00	10.047	119.761	0.016	8.374	10.441	9.891
WLNG-DS	2025-05-10 07:00:00	10.063	111.688	0.005	8.515	10.444	14.506
WLNG-DS	2025-05-10 08:00:00	10.044	110.252	0.006	8.580	10.454	14.326
WLNG-DS	2025-05-10 09:00:00	10.159	123.515	0.002	8.453	10.428	11.791
WLNG-DS	2025-05-10 10:00:00	10.226	128.671	0.001	8.460	10.397	8.721
WLNG-DS	2025-05-10 11:00:00	10.252	101.135	-0.002	8.490	10.348	10.071
WLNG-DS	2025-05-10 12:00:00	10.538	118.373	0.006	8.542	10.316	9.394
WLNG-DS	2025-05-10 13:00:00	10.657	119.259	0.008	8.448	10.299	12.464
WLNG-DS	2025-05-10 14:00:00	10.621	115.813	0.011	8.412	10.302	8.514
WLNG-DS	2025-05-10 15:00:00	10.601	118.620	0.008	8.397	10.315	7.885
WLNG-DS	2025-05-10 16:00:00	10.525	117.898	0.003	8.407	10.328	4.359
WLNG-DS	2025-05-10 17:00:00	10.497	215.764	-0.002	8.471	10.272	44.604
WLNG-DS	2025-05-10 18:00:00	10.373	138.019	0.007	8.303	10.320	7.560
WLNG-DS	2025-05-10 19:00:00	10.349	142.443	0.001	8.353	10.335	9.300
WLNG-DS	2025-05-10 20:00:00	10.339	137.437	-0.007	8.572	10.247	10.271
WLNG-DS	2025-05-10 21:00:00	10.296	186.143	0.005	8.121	10.297	26.954
WLNG-DS	2025-05-10 22:00:00	10.221	187.180	-0.013	8.853	10.296	20.358
WLNG-DS	2025-05-10 23:00:00	10.164	130.099	0.002	8.246	10.330	9.558
WLNG-DS	2025-05-11 00:00:00	10.182	149.575	-0.004	8.619	10.344	7.113
WLNG-DS	2025-05-11 01:00:00	10.185	123.794	0.002	7.998	10.324	26.014
WLNG-DS	2025-05-11 02:00:00	10.074	154.256	-0.009	8.597	10.341	21.529
WLNG-DS	2025-05-11 03:00:00	10.045	157.776	-0.010	8.734	10.356	29.570
WLNG-DS	2025-05-11 04:00:00	9.874	113.084	-0.010	8.537	10.291	13.479
WLNG-DS	2025-05-11 05:00:00	9.972	135.365	-0.005	8.377	10.376	22.802
WLNG-DS	2025-05-11 06:00:00	9.987	130.631	-0.004	8.330	10.366	22.155
WLNG-DS	2025-05-11 07:00:00	9.951	121.995	-0.002	8.315	10.369	25.436
WLNG-DS	2025-05-11 08:00:00	9.971	123.114	-0.001	8.290	10.384	19.989
WLNG-DS	2025-05-11 09:00:00	9.984	113.812	-0.002	8.555	10.353	14.919
WLNG-DS	2025-05-11 10:00:00	10.093	117.159	0.003	8.452	10.336	20.332
WLNG-DS	2025-05-11 11:00:00	10.150	111.657	0.010	8.433	10.336	16.425
WLNG-DS	2025-05-11 12:00:00	10.265	109.991	0.007	8.447	10.298	32.468
WLNG-DS	2025-05-11 13:00:00	10.331	117.110	0.010	8.370	10.277	713.771
WLNG-DS	2025-05-11 14:00:00	10.646	164.060	0.006	8.530	10.172	218.160
WLNG-DS	2025-05-11 15:00:00	10.804	149.995	0.007	8.534	10.115	4.722
WLNG-DS	2025-05-11 16:00:00	10.794	292.867	0.004	8.662	10.088	17.299
WLNG-DS	2025-05-11 17:00:00	11.183	69.257	-0.011	8.542	9.742	0.763
WLNG-DS	2025-05-11 18:00:00	10.616	323.149	-0.001	8.679	10.117	15.204
WLNG-DS	2025-05-11 19:00:00	10.518	185.071	0.001	8.577	10.093	9.116
WLNG-DS	2025-05-11 20:00:00	10.293	163.961	0.009	8.403	10.213	7.801
WLNG-DS	2025-05-11 21:00:00	10.259	80.730	0.005	8.410	10.115	0.197
WLNG-DS	2025-05-11 22:00:00	10.314	157.913	-0.009	8.509	10.222	16.426
WLNG-DS	2025-05-11 23:00:00	10.137	147.793	-0.004	8.336	10.284	11.985
WLNG-US	2025-05-05 00:00:00	9.343	17.244	0.376	7.148	10.448	0.999
WLNG-US	2025-05-05 01:00:00	9.173	17.212	0.379	7.156	10.504	0.907
WLNG-US	2025-05-05 02:00:00	9.006	17.174	0.391	6.920	10.542	0.954
WLNG-US	2025-05-05 03:00:00	8.830	17.160	0.380	7.151	10.588	1.733
WLNG-US	2025-05-05 04:00:00	8.710	16.644	0.382	7.116	10.618	0.932
WLNG-US	2025-05-05 05:00:00	8.677	17.161	0.381	7.093	10.634	0.831
WLNG-US	2025-05-05 06:00:00	8.630	16.790	0.376	7.202	10.635	0.938
WLNG-US	2025-05-05 07:00:00	8.557	16.644	0.379	7.156	10.678	1.441
WLNG-US	2025-05-05 08:00:00	8.541	16.574	0.377	7.160	10.701	0.898
WLNG-US	2025-05-05 09:00:00	8.660	16.988	0.374	7.178	10.747	0.896
WLNG-US	2025-05-05 10:00:00	8.983	16.369	0.361	7.226	10.734	0.894
WLNG-US	2025-05-05 11:00:00	9.609	16.478	0.361	7.201	10.670	1.037
WLNG-US	2025-05-05 12:00:00	9.995	16.384	0.359	7.095	10.588	1.080
WLNG-US	2025-05-05 13:00:00	10.374	16.306	0.352	7.303	10.441	1.037
WLNG-US	2025-05-05 14:00:00	10.828	16.395	0.352	7.326	10.351	1.051

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-05 15:00:00	11.213	16.449	0.356	7.239	10.180	1.081
WLNG-US	2025-05-05 16:00:00	11.355	16.590	0.368	6.997	10.074	1.258
WLNG-US	2025-05-05 17:00:00	11.325	16.679	0.371	7.014	10.025	1.431
WLNG-US	2025-05-05 18:00:00	11.179	16.811	0.365	7.204	10.007	1.041
WLNG-US	2025-05-05 19:00:00	10.994	16.809	0.372	7.103	9.991	1.067
WLNG-US	2025-05-05 20:00:00	10.818	17.495	0.382	6.908	10.029	1.076
WLNG-US	2025-05-05 21:00:00	10.643	16.985	0.372	7.171	10.042	1.118
WLNG-US	2025-05-05 22:00:00	10.470	16.990	0.375	7.152	10.094	1.046
WLNG-US	2025-05-05 23:00:00	10.309	16.935	0.378	7.114	10.135	1.016
WLNG-US	2025-05-06 00:00:00	10.150	16.974	0.375	7.170	10.185	1.042
WLNG-US	2025-05-06 01:00:00	9.997	17.480	0.375	7.165	10.244	0.948
WLNG-US	2025-05-06 02:00:00	9.886	17.037	0.385	6.979	10.245	1.080
WLNG-US	2025-05-06 03:00:00	9.778	16.879	0.377	7.125	10.287	0.984
WLNG-US	2025-05-06 04:00:00	9.645	17.443	0.387	6.942	10.333	0.994
WLNG-US	2025-05-06 05:00:00	9.525	16.923	0.374	7.199	10.339	1.009
WLNG-US	2025-05-06 06:00:00	9.398	15.408	0.376	7.202	10.383	1.247
WLNG-US	2025-05-06 07:00:00	9.286	16.811	0.374	7.198	10.429	0.925
WLNG-US	2025-05-06 08:00:00	9.310	17.292	0.382	6.950	10.437	0.922
WLNG-US	2025-05-06 09:00:00	9.450	15.680	0.362	7.205	10.446	0.938
WLNG-US	2025-05-06 10:00:00	9.702	15.629	0.362	7.199	10.434	0.922
WLNG-US	2025-05-06 11:00:00	10.268	15.533	0.353	7.252	10.421	1.186
WLNG-US	2025-05-06 12:00:00	10.716	15.470	0.352	7.204	10.314	1.077
WLNG-US	2025-05-06 13:00:00	11.043	15.500	0.354	7.194	10.229	1.154
WLNG-US	2025-05-06 14:00:00	11.602	15.496	0.352	7.211	10.022	1.185
WLNG-US	2025-05-06 15:00:00	11.997	15.712	0.353	7.206	9.916	1.136
WLNG-US	2025-05-06 16:00:00	11.986	15.610	0.358	7.159	9.844	1.184
WLNG-US	2025-05-06 17:00:00	11.801	15.897	0.361	7.143	9.846	1.188
WLNG-US	2025-05-06 18:00:00	11.677	15.954	0.364	7.127	9.863	1.115
WLNG-US	2025-05-06 19:00:00	11.553	16.238	0.370	7.059	9.812	1.102
WLNG-US	2025-05-06 20:00:00	11.446	16.350	0.373	7.054	9.788	1.109
WLNG-US	2025-05-06 21:00:00	11.309	16.411	0.374	7.070	9.790	1.094
WLNG-US	2025-05-06 22:00:00	11.175	16.347	0.376	7.018	9.828	1.079
WLNG-US	2025-05-06 23:00:00	11.050	16.043	0.374	7.056	9.867	1.104
WLNG-US	2025-05-07 00:00:00	10.960	16.225	0.373	7.086	9.879	1.315
WLNG-US	2025-05-07 01:00:00	10.891	16.119	0.373	7.070	9.901	1.049
WLNG-US	2025-05-07 02:00:00	10.856	16.116	0.367	7.183	9.914	1.015
WLNG-US	2025-05-07 03:00:00	10.800	16.082	0.365	7.124	9.942	1.126
WLNG-US	2025-05-07 04:00:00	10.732	16.040	0.363	7.081	9.946	1.230
WLNG-US	2025-05-07 05:00:00	10.658	16.198	0.365	7.112	9.969	1.068
WLNG-US	2025-05-07 06:00:00	10.580	16.140	0.368	7.040	9.970	1.174
WLNG-US	2025-05-07 07:00:00	10.530	16.101	0.368	7.084	10.013	1.147
WLNG-US	2025-05-07 08:00:00	10.492	16.070	0.372	7.083	10.051	1.128
WLNG-US	2025-05-07 09:00:00	10.485	15.982	0.371	7.105	10.094	1.000
WLNG-US	2025-05-07 10:00:00	10.577	15.899	0.365	7.126	10.147	1.243
WLNG-US	2025-05-07 11:00:00	10.815	15.815	0.357	7.193	10.124	1.054
WLNG-US	2025-05-07 12:00:00	11.462	15.636	0.350	7.200	10.089	1.127
WLNG-US	2025-05-07 13:00:00	11.492	15.684	0.351	7.236	10.089	1.128
WLNG-US	2025-05-07 14:00:00	11.805	15.925	0.349	7.228	9.915	1.124
WLNG-US	2025-05-07 15:00:00	12.093	15.856	0.351	7.221	9.857	1.149
WLNG-US	2025-05-07 16:00:00	12.129	15.921	0.351	7.209	9.820	1.166
WLNG-US	2025-05-07 17:00:00	11.916	16.120	0.357	7.152	9.765	1.170
WLNG-US	2025-05-07 17:30:00	11.793	16.059	0.358	7.145	9.827	1.243
WLNG-US	2025-05-07 17:45:00	11.737	15.890	0.355	7.133	9.789	1.295
WLNG-US	2025-05-07 18:00:00	11.703	16.113	0.351	7.121	9.839	1.214
WLNG-US	2025-05-07 18:15:00	11.655	16.027	0.343	7.190	9.803	1.608
WLNG-US	2025-05-07 18:30:00	11.601	15.893	0.346	7.100	9.825	1.127
WLNG-US	2025-05-07 18:45:00	11.556	15.786	0.343	7.105	9.790	1.092
WLNG-US	2025-05-07 19:00:00	11.512	16.614	0.344	7.085	9.807	1.126
WLNG-US	2025-05-07 19:15:00	11.471	16.273	0.343	7.094	9.806	1.144
WLNG-US	2025-05-07 19:30:00	11.419	15.993	0.342	7.093	9.827	1.116
WLNG-US	2025-05-07 19:45:00	11.361	15.977	0.342	7.095	9.808	1.152

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-07 20:00:00	11.299	15.872	0.338	7.163	9.821	
WLNG-US	2025-05-07 20:15:00	11.236	16.114	0.342	7.054	9.848	1.114
WLNG-US	2025-05-07 20:30:00	11.177	15.800	0.342	7.095	9.852	1.090
WLNG-US	2025-05-07 20:45:00	11.121	15.953	0.340	7.112	9.865	1.043
WLNG-US	2025-05-07 21:00:00	11.065	15.962	0.342	7.061	9.892	1.081
WLNG-US	2025-05-07 21:15:00	11.011	15.920	0.342	7.056	9.887	1.047
WLNG-US	2025-05-07 21:30:00	10.958	16.054	0.343	7.056	9.914	1.235
WLNG-US	2025-05-07 21:45:00	10.904	15.991	0.340	7.085	9.930	1.054
WLNG-US	2025-05-07 22:00:00	10.850	15.954	0.332	7.195	9.937	1.045
WLNG-US	2025-05-07 22:15:00	10.802	16.258	0.337	7.109	9.957	1.045
WLNG-US	2025-05-07 22:30:00	10.753	15.911	0.341	7.071	9.953	1.020
WLNG-US	2025-05-07 22:45:00	10.686	15.832	0.339	7.070	9.998	1.037
WLNG-US	2025-05-07 23:00:00	10.621	16.331	0.340	7.071	10.022	1.036
WLNG-US	2025-05-07 23:15:00	10.562	16.288	0.338	7.075	10.032	1.893
WLNG-US	2025-05-07 23:30:00	10.486	15.918	0.340	7.078	10.063	1.043
WLNG-US	2025-05-07 23:45:00	10.439	16.044	0.340	7.069	10.059	1.066
WLNG-US	2025-05-08 00:00:00	10.375	16.198	0.339	7.070	10.090	1.076
WLNG-US	2025-05-08 00:15:00	10.318	16.402	0.336	7.091	10.087	1.013
WLNG-US	2025-05-08 00:30:00	10.287	16.131	0.339	7.041	10.114	1.000
WLNG-US	2025-05-08 00:45:00	10.261	16.464	0.336	7.089	10.121	0.985
WLNG-US	2025-05-08 01:00:00	10.243	16.578	0.335	7.042	10.124	1.002
WLNG-US	2025-05-08 01:15:00	10.198	16.464	0.333	7.095	10.149	1.021
WLNG-US	2025-05-08 01:30:00	10.153	16.309	0.334	7.086	10.164	1.021
WLNG-US	2025-05-08 01:45:00	10.123	15.989	0.332	7.066	10.172	1.066
WLNG-US	2025-05-08 02:00:00	10.095	15.789	0.325	7.174	10.184	0.985
WLNG-US	2025-05-08 02:15:00	10.068	16.021	0.330	7.082	10.169	1.034
WLNG-US	2025-05-08 02:30:00	10.049	16.057	0.332	7.076	10.205	1.652
WLNG-US	2025-05-08 02:45:00	10.028	15.977	0.333	7.071	10.197	1.178
WLNG-US	2025-05-08 03:00:00	10.009	16.242	0.334	7.046	10.210	0.993
WLNG-US	2025-05-08 03:15:00	9.980	16.211	0.332	7.110	10.208	1.009
WLNG-US	2025-05-08 03:30:00	9.937	16.313	0.331	7.088	10.268	0.964
WLNG-US	2025-05-08 03:45:00	9.909	16.276	0.338	7.002	10.263	0.980
WLNG-US	2025-05-08 04:00:00	9.878	16.463	0.333	7.096	10.273	0.983
WLNG-US	2025-05-08 04:15:00	9.862	16.166	0.335	7.108	10.250	1.006
WLNG-US	2025-05-08 04:30:00	9.826	16.150	0.337	7.106	10.271	1.012
WLNG-US	2025-05-08 04:45:00	9.805	16.353	0.339	7.084	10.282	0.975
WLNG-US	2025-05-08 05:00:00	9.780	15.919	0.340	7.056	10.294	0.962
WLNG-US	2025-05-08 05:15:00	9.758	15.968	0.338	7.052	10.314	0.994
WLNG-US	2025-05-08 05:30:00	9.730	16.132	0.336	7.081	10.328	0.913
WLNG-US	2025-05-08 05:45:00	9.701	16.044	0.335	7.080	10.315	0.954
WLNG-US	2025-05-08 06:00:00	9.669	16.091	0.337	7.014	10.340	0.980
WLNG-US	2025-05-08 06:15:00	9.635	16.145	0.334	7.056	10.347	0.972
WLNG-US	2025-05-08 06:30:00	9.601	16.242	0.332	7.079	10.373	0.948
WLNG-US	2025-05-08 06:45:00	9.574	15.823	0.325	7.194	10.396	0.955
WLNG-US	2025-05-08 07:00:00	9.548	15.818	0.328	7.094	10.388	0.943
WLNG-US	2025-05-08 07:15:00	9.522	15.873	0.330	7.069	10.407	0.917
WLNG-US	2025-05-08 07:30:00	9.499	15.942	0.329	7.065	10.437	0.943
WLNG-US	2025-05-08 07:45:00	9.488	15.797	0.327	7.096	10.445	0.954
WLNG-US	2025-05-08 08:00:00	9.498	15.808	0.327	7.088	10.450	0.939
WLNG-US	2025-05-08 08:15:00	9.517	15.910	0.325	7.099	10.459	0.958
WLNG-US	2025-05-08 08:30:00	9.566	15.792	0.325	7.096	10.480	0.991
WLNG-US	2025-05-08 08:45:00	9.601	15.662	0.324	7.093	10.498	0.990
WLNG-US	2025-05-08 09:00:00	9.635	15.664	0.323	7.126	10.494	0.927
WLNG-US	2025-05-08 09:15:00	9.664	15.860	0.324	7.126	10.518	1.009
WLNG-US	2025-05-08 09:30:00	9.724	15.667	0.322	7.155	10.509	0.954
WLNG-US	2025-05-08 09:45:00	9.779	15.499	0.320	7.194	10.504	0.952
WLNG-US	2025-05-08 10:00:00	9.865	15.732	0.319	7.186	10.526	1.005
WLNG-US	2025-05-08 10:15:00	9.987	15.824	0.312	7.303	10.525	1.098
WLNG-US	2025-05-08 10:30:00	10.164	15.741	0.318	7.222	10.519	0.984
WLNG-US	2025-05-08 10:45:00	10.320	15.457	0.311	7.343	10.495	1.010
WLNG-US	2025-05-08 11:00:00	10.409	15.650	0.325	7.070	10.486	1.015

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-08 11:15:00	10.571	15.468	0.313	7.293	10.477	1.047
WLNG-US	2025-05-08 11:30:00	10.681	15.592	0.315	7.237	10.478	1.446
WLNG-US	2025-05-08 11:45:00	10.744	15.655	0.316	7.251	10.416	1.098
WLNG-US	2025-05-08 12:00:00	10.865	15.739	0.314	7.265	10.415	1.084
WLNG-US	2025-05-08 12:15:00	10.814	15.611	0.313	7.238	10.401	1.235
WLNG-US	2025-05-08 12:30:00	10.835	15.626	0.314	7.212	10.375	1.106
WLNG-US	2025-05-08 12:45:00	10.857	15.620	0.312	7.241	10.332	1.051
WLNG-US	2025-05-08 13:00:00	10.957	15.596	0.321	7.101	10.356	1.037
WLNG-US	2025-05-08 13:15:00	11.077	15.722	0.308	7.286	10.314	1.133
WLNG-US	2025-05-08 13:30:00	11.181	15.907	0.311	7.234	10.269	1.082
WLNG-US	2025-05-08 13:45:00	11.320	15.781	0.306	7.243	10.246	1.164
WLNG-US	2025-05-08 14:00:00	11.415	15.612	0.305	7.257	10.192	1.213
WLNG-US	2025-05-08 14:15:00	11.479	15.751	0.316	7.070	10.192	1.239
WLNG-US	2025-05-08 14:30:00	11.510	15.754	0.304	7.279	10.173	1.163
WLNG-US	2025-05-08 14:45:00	11.513	16.184	0.307	7.234	10.119	1.104
WLNG-US	2025-05-08 15:00:00	11.538	16.009	0.301	7.341	10.131	1.158
WLNG-US	2025-05-08 15:15:00	11.537	16.167	0.306	7.231	10.103	1.314
WLNG-US	2025-05-08 15:30:00	11.513	15.993	0.320	7.049	10.124	1.144
WLNG-US	2025-05-08 15:45:00	11.484	15.830	0.306	7.308	10.114	1.150
WLNG-US	2025-05-08 16:00:00	11.465	16.211	0.311	7.233	10.087	1.109
WLNG-US	2025-05-08 16:15:00	11.432	15.873	0.312	7.231	10.073	1.114
WLNG-US	2025-05-08 16:30:00	11.394	15.908	0.321	7.041	10.088	1.152
WLNG-US	2025-05-08 16:45:00	11.363	15.743	0.307	7.276	10.081	1.093
WLNG-US	2025-05-08 17:00:00	11.341	16.105	0.312	7.178	10.095	1.133
WLNG-US	2025-05-08 17:15:00	11.307	15.859	0.313	7.195	10.069	1.124
WLNG-US	2025-05-08 17:30:00	11.251	16.053	0.324	6.982	10.065	1.257
WLNG-US	2025-05-08 17:45:00	11.213	15.968	0.307	7.253	10.048	1.122
WLNG-US	2025-05-08 18:00:00	11.176	16.310	0.308	7.219	10.044	1.076
WLNG-US	2025-05-08 18:15:00	11.133	16.366	0.319	7.110	10.043	1.099
WLNG-US	2025-05-08 18:30:00	11.097	16.059	0.310	7.244	10.044	1.051
WLNG-US	2025-05-08 18:45:00	11.065	16.375	0.317	7.125	10.044	1.150
WLNG-US	2025-05-08 19:00:00	11.034	16.354	0.322	7.097	10.057	1.059
WLNG-US	2025-05-08 19:15:00	11.007	16.571	0.332	6.961	10.033	1.042
WLNG-US	2025-05-08 19:30:00	10.978	16.681	0.319	7.222	10.043	1.085
WLNG-US	2025-05-08 19:45:00	10.943	16.300	0.326	7.114	10.023	1.058
WLNG-US	2025-05-08 20:00:00	10.898	16.506	0.337	6.918	10.034	1.050
WLNG-US	2025-05-08 20:15:00	10.853	16.399	0.325	7.158	10.049	1.027
WLNG-US	2025-05-08 20:30:00	10.799	16.192	0.336	6.949	10.035	1.055
WLNG-US	2025-05-08 20:45:00	10.740	16.474	0.323	7.171	10.046	1.094
WLNG-US	2025-05-08 21:00:00	10.681	16.272	0.329	7.079	10.059	1.017
WLNG-US	2025-05-08 21:15:00	10.621	16.163	0.328	7.065	10.083	1.076
WLNG-US	2025-05-08 21:30:00	10.560	16.148	0.327	7.087	10.093	1.022
WLNG-US	2025-05-08 21:45:00	10.494	16.241	0.338	6.917	10.106	1.048
WLNG-US	2025-05-08 22:00:00	10.433	16.373	0.320	7.196	10.115	1.087
WLNG-US	2025-05-08 22:15:00	10.375	16.257	0.329	7.061	10.128	1.648
WLNG-US	2025-05-08 22:30:00	10.323	16.240	0.336	6.929	10.178	1.035
WLNG-US	2025-05-08 22:45:00	10.282	16.010	0.324	7.119	10.160	0.985
WLNG-US	2025-05-08 23:00:00	10.243	16.154	0.326	7.076	10.175	0.961
WLNG-US	2025-05-08 23:15:00	10.206	16.389	0.326	7.095	10.176	0.981
WLNG-US	2025-05-08 23:30:00	10.169	16.063	0.323	7.167	10.183	1.059
WLNG-US	2025-05-08 23:45:00	10.136	16.135	0.329	7.049	10.196	0.998
WLNG-US	2025-05-09 00:00:00	10.097	16.079	0.328	7.078	10.203	1.002
WLNG-US	2025-05-09 00:15:00	10.055	16.201	0.326	7.113	10.213	0.980
WLNG-US	2025-05-09 00:30:00	10.012	16.254	0.327	7.067	10.237	0.967
WLNG-US	2025-05-09 00:45:00	9.971	16.238	0.327	7.073	10.249	0.972
WLNG-US	2025-05-09 01:00:00	9.927	15.742	0.319	7.234	10.282	0.965
WLNG-US	2025-05-09 01:15:00	9.886	16.226	0.328	7.107	10.282	1.005
WLNG-US	2025-05-09 01:30:00	9.844	16.303	0.330	7.089	10.294	0.987
WLNG-US	2025-05-09 01:45:00	9.815	16.454	0.329	7.080	10.279	0.920
WLNG-US	2025-05-09 02:00:00	9.780	16.321	0.325	7.182	10.311	0.996
WLNG-US	2025-05-09 02:15:00	9.747	16.133	0.327	7.095	10.297	0.999

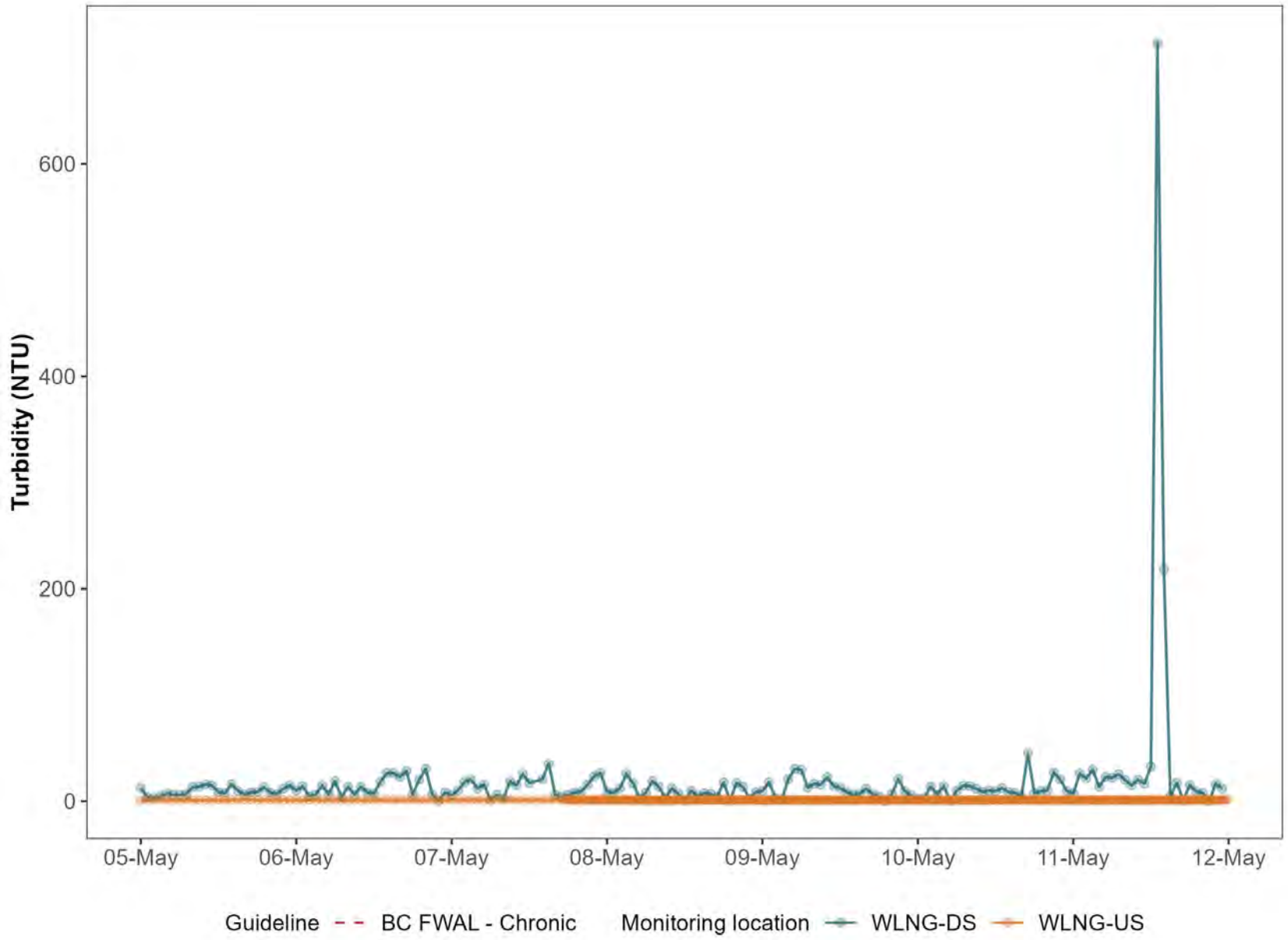
East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-09 02:30:00	9.717	16.199	0.326	7.108	10.303	1.014
WLNG-US	2025-05-09 02:45:00	9.687	16.026	0.327	7.105	10.309	0.967
WLNG-US	2025-05-09 03:00:00	9.653	16.026	0.328	7.074	10.321	0.922
WLNG-US	2025-05-09 03:15:00	9.629	16.131	0.322	7.179	10.340	0.938
WLNG-US	2025-05-09 03:30:00	9.604	16.368	0.327	7.071	10.355	0.935
WLNG-US	2025-05-09 03:45:00	9.580	15.977	0.328	7.069	10.355	0.987
WLNG-US	2025-05-09 04:00:00	9.554	16.140	0.324	7.074	10.357	1.300
WLNG-US	2025-05-09 04:15:00	9.529	15.949	0.325	7.041	10.370	1.026
WLNG-US	2025-05-09 04:30:00	9.508	16.110	0.333	6.930	10.385	0.939
WLNG-US	2025-05-09 04:45:00	9.487	15.860	0.320	7.109	10.386	0.959
WLNG-US	2025-05-09 05:00:00	9.461	15.951	0.323	7.082	10.358	0.976
WLNG-US	2025-05-09 05:15:00	9.436	15.902	0.324	7.068	10.385	0.955
WLNG-US	2025-05-09 05:30:00	9.407	16.077	0.326	7.024	10.392	0.914
WLNG-US	2025-05-09 05:45:00	9.368	16.006	0.323	7.075	10.399	0.930
WLNG-US	2025-05-09 06:00:00	9.333	16.099	0.324	7.049	10.436	0.975
WLNG-US	2025-05-09 06:15:00	9.306	16.142	0.319	7.111	10.428	0.926
WLNG-US	2025-05-09 06:30:00	9.283	15.997	0.330	6.951	10.458	1.196
WLNG-US	2025-05-09 06:45:00	9.265	15.919	0.319	7.191	10.458	0.911
WLNG-US	2025-05-09 07:00:00	9.258	15.978	0.325	7.068	10.482	0.938
WLNG-US	2025-05-09 07:15:00	9.261	15.906	0.316	7.219	10.481	0.917
WLNG-US	2025-05-09 07:30:00	9.278	15.843	0.321	7.119	10.511	0.967
WLNG-US	2025-05-09 07:45:00	9.303	16.004	0.323	7.111	10.504	0.937
WLNG-US	2025-05-09 08:00:00	9.324	15.682	0.322	7.144	10.515	0.961
WLNG-US	2025-05-09 08:15:00	9.346	15.939	0.324	7.108	10.510	0.924
WLNG-US	2025-05-09 08:30:00	9.367	15.787	0.322	7.135	10.535	0.963
WLNG-US	2025-05-09 08:45:00	9.388	16.075	0.320	7.155	10.522	0.977
WLNG-US	2025-05-09 09:00:00	9.413	16.036	0.322	7.115	10.523	0.964
WLNG-US	2025-05-09 09:15:00	9.443	15.828	0.319	7.180	10.521	1.055
WLNG-US	2025-05-09 09:30:00	9.484	15.799	0.320	7.159	10.553	0.977
WLNG-US	2025-05-09 09:45:00	9.537	15.780	0.321	7.122	10.551	0.977
WLNG-US	2025-05-09 10:00:00	9.591	15.803	0.318	7.178	10.528	0.956
WLNG-US	2025-05-09 10:15:00	9.661	15.832	0.315	7.179	10.541	0.957
WLNG-US	2025-05-09 10:30:00	9.717	15.684	0.315	7.194	10.552	0.988
WLNG-US	2025-05-09 10:45:00	9.779	15.855	0.312	7.202	10.530	0.992
WLNG-US	2025-05-09 11:00:00	9.821	15.733	0.306	7.310	10.506	1.026
WLNG-US	2025-05-09 11:15:00	9.898	16.018	0.307	7.314	10.533	0.953
WLNG-US	2025-05-09 11:30:00	10.003	15.597	0.314	7.211	10.551	1.049
WLNG-US	2025-05-09 11:45:00	10.024	15.874	0.312	7.241	10.502	1.008
WLNG-US	2025-05-09 12:00:00	10.091	15.912	0.312	7.221	10.487	0.984
WLNG-US	2025-05-09 12:15:00	10.099	15.936	0.314	7.231	10.435	1.014
WLNG-US	2025-05-09 12:30:00	10.135	15.923	0.323	7.081	10.430	1.024
WLNG-US	2025-05-09 12:45:00	10.161	15.820	0.309	7.296	10.423	1.037
WLNG-US	2025-05-09 13:00:00	10.199	15.878	0.315	7.196	10.418	1.024
WLNG-US	2025-05-09 13:15:00	10.246	15.842	0.316	7.209	10.385	1.204
WLNG-US	2025-05-09 13:30:00	10.286	15.477	0.315	7.253	10.400	0.994
WLNG-US	2025-05-09 13:45:00	10.326	15.729	0.311	7.328	10.381	1.033
WLNG-US	2025-05-09 14:00:00	10.374	15.913	0.318	7.185	10.352	0.980
WLNG-US	2025-05-09 14:15:00	10.394	15.908	0.316	7.223	10.330	1.000
WLNG-US	2025-05-09 14:30:00	10.411	16.032	0.315	7.230	10.301	1.036
WLNG-US	2025-05-09 14:45:00	10.418	15.816	0.329	7.011	10.317	1.022
WLNG-US	2025-05-09 15:00:00	10.434	15.813	0.316	7.203	10.291	0.993
WLNG-US	2025-05-09 15:15:00	10.447	16.114	0.318	7.164	10.255	1.062
WLNG-US	2025-05-09 15:30:00	10.463	16.186	0.328	7.032	10.267	1.053
WLNG-US	2025-05-09 15:45:00	10.471	15.925	0.314	7.256	10.257	1.130
WLNG-US	2025-05-09 16:00:00	10.481	16.076	0.317	7.176	10.242	1.071
WLNG-US	2025-05-09 16:15:00	10.499	16.286	0.321	7.150	10.239	0.997
WLNG-US	2025-05-09 16:30:00	10.505	15.677	0.312	7.307	10.229	1.123
WLNG-US	2025-05-09 16:45:00	10.515	16.007	0.316	7.237	10.220	1.065
WLNG-US	2025-05-09 17:00:00	10.522	16.030	0.323	7.113	10.202	1.029
WLNG-US	2025-05-09 17:15:00	10.531	16.152	0.315	7.270	10.213	1.023
WLNG-US	2025-05-09 17:30:00	10.545	16.194	0.323	7.119	10.195	1.017

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-09 17:45:00	10.556	16.568	0.332	6.982	10.206	1.046
WLNG-US	2025-05-09 18:00:00	10.570	16.307	0.317	7.240	10.191	1.016
WLNG-US	2025-05-09 18:15:00	10.577	16.040	0.333	6.973	10.177	1.034
WLNG-US	2025-05-09 18:30:00	10.582	15.911	0.317	7.233	10.149	1.004
WLNG-US	2025-05-09 18:45:00	10.578	16.125	0.328	7.067	10.134	1.020
WLNG-US	2025-05-09 19:00:00	10.579	16.317	0.329	7.073	10.141	1.011
WLNG-US	2025-05-09 19:15:00	10.567	16.319	0.335	6.964	10.122	1.022
WLNG-US	2025-05-09 19:30:00	10.553	16.346	0.320	7.226	10.092	1.143
WLNG-US	2025-05-09 19:45:00	10.539	16.247	0.336	6.952	10.116	1.039
WLNG-US	2025-05-09 20:00:00	10.525	16.345	0.324	7.155	10.103	1.016
WLNG-US	2025-05-09 20:15:00	10.508	16.227	0.330	7.046	10.085	1.052
WLNG-US	2025-05-09 20:30:00	10.485	16.288	0.330	7.065	10.086	0.993
WLNG-US	2025-05-09 20:45:00	10.460	16.438	0.332	7.052	10.068	0.998
WLNG-US	2025-05-09 21:00:00	10.434	16.386	0.331	7.053	10.092	1.098
WLNG-US	2025-05-09 21:15:00	10.412	16.372	0.326	7.127	10.094	1.124
WLNG-US	2025-05-09 21:30:00	10.390	16.121	0.322	7.207	10.109	0.996
WLNG-US	2025-05-09 21:45:00	10.371	16.319	0.331	7.064	10.104	0.968
WLNG-US	2025-05-09 22:00:00	10.352	16.395	0.338	6.961	10.102	1.043
WLNG-US	2025-05-09 22:15:00	10.329	16.238	0.327	7.122	10.110	1.020
WLNG-US	2025-05-09 22:30:00	10.315	16.431	0.329	7.078	10.117	1.040
WLNG-US	2025-05-09 22:45:00	10.297	16.347	0.330	7.077	10.102	1.016
WLNG-US	2025-05-09 23:00:00	10.279	17.189	0.324	7.200	10.128	1.010
WLNG-US	2025-05-09 23:15:00	10.261	16.470	0.337	7.009	10.097	1.023
WLNG-US	2025-05-09 23:30:00	10.242	16.233	0.342	6.919	10.119	0.994
WLNG-US	2025-05-09 23:45:00	10.226	16.225	0.327	7.158	10.121	1.013
WLNG-US	2025-05-10 00:00:00	10.206	16.175	0.331	7.076	10.131	0.963
WLNG-US	2025-05-10 00:15:00	10.190	16.211	0.330	7.069	10.134	0.986
WLNG-US	2025-05-10 00:30:00	10.171	16.257	0.339	6.928	10.137	0.963
WLNG-US	2025-05-10 00:45:00	10.157	16.503	0.327	7.136	10.147	0.969
WLNG-US	2025-05-10 01:00:00	10.137	16.431	0.341	6.927	10.160	0.955
WLNG-US	2025-05-10 01:15:00	10.120	16.257	0.328	7.121	10.149	0.980
WLNG-US	2025-05-10 01:30:00	10.094	16.308	0.339	6.934	10.152	0.960
WLNG-US	2025-05-10 01:45:00	10.077	16.182	0.326	7.159	10.151	0.996
WLNG-US	2025-05-10 02:00:00	10.061	16.310	0.332	7.066	10.167	1.452
WLNG-US	2025-05-10 02:15:00	10.039	16.380	0.341	6.917	10.170	0.984
WLNG-US	2025-05-10 02:30:00	10.014	16.156	0.328	7.156	10.178	0.942
WLNG-US	2025-05-10 02:45:00	9.989	16.109	0.334	7.047	10.185	0.986
WLNG-US	2025-05-10 03:00:00	9.974	16.250	0.342	6.909	10.193	0.960
WLNG-US	2025-05-10 03:15:00	9.960	16.139	0.330	7.083	10.178	1.085
WLNG-US	2025-05-10 03:30:00	9.947	16.290	0.331	7.088	10.185	1.034
WLNG-US	2025-05-10 03:45:00	9.930	16.246	0.335	7.044	10.186	0.984
WLNG-US	2025-05-10 04:00:00	9.913	16.294	0.331	7.074	10.188	0.991
WLNG-US	2025-05-10 04:15:00	9.901	16.228	0.324	7.183	10.200	0.958
WLNG-US	2025-05-10 04:30:00	9.885	16.272	0.331	7.086	10.183	0.958
WLNG-US	2025-05-10 04:45:00	9.868	16.361	0.342	6.907	10.223	1.033
WLNG-US	2025-05-10 05:00:00	9.855	16.113	0.330	7.109	10.214	1.028
WLNG-US	2025-05-10 05:15:00	9.837	16.119	0.334	7.043	10.212	0.966
WLNG-US	2025-05-10 05:30:00	9.828	16.208	0.336	7.004	10.203	1.013
WLNG-US	2025-05-10 05:45:00	9.816	16.119	0.343	6.918	10.215	0.984
WLNG-US	2025-05-10 06:00:00	9.809	16.047	0.326	7.158	10.231	0.958
WLNG-US	2025-05-10 06:15:00	9.798	16.233	0.329	7.104	10.223	0.971
WLNG-US	2025-05-10 06:30:00	9.789	16.112	0.323	7.188	10.264	0.959
WLNG-US	2025-05-10 06:45:00	9.782	16.233	0.328	7.101	10.250	0.954
WLNG-US	2025-05-10 07:00:00	9.779	16.387	0.337	6.938	10.234	1.010
WLNG-US	2025-05-10 07:15:00	9.782	16.039	0.324	7.143	10.240	0.982
WLNG-US	2025-05-10 07:30:00	9.787	16.213	0.336	6.945	10.272	0.951
WLNG-US	2025-05-10 07:45:00	9.795	15.913	0.324	7.166	10.245	0.976
WLNG-US	2025-05-10 08:00:00	9.805	15.938	0.328	7.080	10.287	0.969
WLNG-US	2025-05-10 08:15:00	9.813	16.258	0.334	6.953	10.289	1.019
WLNG-US	2025-05-10 08:30:00	9.823	15.986	0.321	7.206	10.291	0.992
WLNG-US	2025-05-10 08:45:00	9.839	16.040	0.336	6.960	10.297	0.959

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-10 09:00:00	9.846	15.770	0.325	7.171	10.277	0.972
WLNG-US	2025-05-10 09:15:00	9.864	15.952	0.335	6.969	10.290	0.961
WLNG-US	2025-05-10 09:30:00	9.880	15.889	0.322	7.188	10.311	0.994
WLNG-US	2025-05-10 09:45:00	9.892	16.012	0.326	7.117	10.288	0.965
WLNG-US	2025-05-10 10:00:00	9.900	15.997	0.327	7.132	10.250	0.963
WLNG-US	2025-05-10 10:15:00	9.910	16.169	0.334	6.955	10.282	0.968
WLNG-US	2025-05-10 10:30:00	9.936	16.167	0.322	7.162	10.292	0.944
WLNG-US	2025-05-10 10:45:00	9.980	16.385	0.322	7.145	10.321	0.965
WLNG-US	2025-05-10 11:00:00	10.011	16.126	0.324	7.090	10.292	1.006
WLNG-US	2025-05-10 11:15:00	10.052	15.924	0.316	7.248	10.312	0.991
WLNG-US	2025-05-10 11:30:00	10.103	16.017	0.320	7.202	10.336	1.166
WLNG-US	2025-05-10 11:45:00	10.182	15.802	0.330	7.044	10.379	1.053
WLNG-US	2025-05-10 12:00:00	10.277	16.016	0.313	7.319	10.351	1.010
WLNG-US	2025-05-10 12:15:00	10.348	16.043	0.327	7.060	10.348	0.980
WLNG-US	2025-05-10 12:30:00	10.421	15.815	0.319	7.223	10.334	1.092
WLNG-US	2025-05-10 12:45:00	10.449	15.865	0.330	7.032	10.305	1.088
WLNG-US	2025-05-10 13:00:00	10.466	15.872	0.315	7.264	10.256	1.092
WLNG-US	2025-05-10 13:15:00	10.496	15.883	0.319	7.177	10.269	1.010
WLNG-US	2025-05-10 13:30:00	10.516	16.027	0.317	7.193	10.231	0.999
WLNG-US	2025-05-10 13:45:00	10.522	15.829	0.325	7.046	10.210	1.041
WLNG-US	2025-05-10 14:00:00	10.536	15.827	0.313		10.204	1.005
WLNG-US	2025-05-10 14:15:00	10.548	16.018	0.326	7.042	10.190	1.168
WLNG-US	2025-05-10 14:30:00	10.541	15.906	0.315	7.227	10.141	0.997
WLNG-US	2025-05-10 14:45:00	10.536	16.440	0.330	6.970	10.143	1.046
WLNG-US	2025-05-10 15:00:00	10.513	16.129	0.330	6.968	10.140	1.050
WLNG-US	2025-05-10 15:15:00	10.513	16.057	0.316	7.194	10.123	1.023
WLNG-US	2025-05-10 15:30:00	10.489	16.128	0.319	7.141	10.125	1.033
WLNG-US	2025-05-10 15:45:00	10.459	15.916	0.318	7.147	10.144	1.098
WLNG-US	2025-05-10 16:00:00	10.441	16.038	0.310	7.302	10.144	1.044
WLNG-US	2025-05-10 16:15:00	10.432	15.841	0.316	7.207	10.171	1.028
WLNG-US	2025-05-10 16:30:00	10.416	15.943	0.328	7.002	10.136	1.034
WLNG-US	2025-05-10 16:45:00	10.404	16.016	0.317	7.196	10.129	1.038
WLNG-US	2025-05-10 17:00:00	10.388	16.086	0.330	6.975	10.119	1.023
WLNG-US	2025-05-10 17:15:00	10.370	15.953	0.318	7.170	10.152	1.029
WLNG-US	2025-05-10 17:30:00	10.366	16.117	0.320	7.131	10.150	1.035
WLNG-US	2025-05-10 17:45:00	10.346	16.233	0.329	6.979	10.134	0.990
WLNG-US	2025-05-10 18:00:00	10.341	15.987	0.319	7.144	10.149	1.006
WLNG-US	2025-05-10 18:15:00	10.352	16.347	0.322	7.094	10.167	1.016
WLNG-US	2025-05-10 18:30:00	10.353	15.664	0.312	7.246	10.142	1.218
WLNG-US	2025-05-10 18:45:00	10.336	16.123	0.322	7.117	10.116	1.036
WLNG-US	2025-05-10 19:00:00	10.328	15.898	0.333	6.942	10.157	1.032
WLNG-US	2025-05-10 19:15:00	10.316	16.076	0.319	7.183	10.145	1.031
WLNG-US	2025-05-10 19:30:00	10.306	15.999	0.319	7.181	10.115	1.029
WLNG-US	2025-05-10 19:45:00	10.293	15.901	0.319	7.176	10.104	0.930
WLNG-US	2025-05-10 20:00:00	10.272	16.233	0.334	6.930	10.118	0.958
WLNG-US	2025-05-10 20:15:00	10.246	15.972	0.327	7.089	10.106	1.239
WLNG-US	2025-05-10 20:30:00	10.219	16.233	0.326	7.116	10.096	0.926
WLNG-US	2025-05-10 20:45:00	10.185	15.999	0.323	7.176	10.110	0.982
WLNG-US	2025-05-10 21:00:00	10.154	16.334	0.330	7.056	10.114	1.013
WLNG-US	2025-05-10 21:15:00	10.121	16.340	0.338	6.942	10.129	0.975
WLNG-US	2025-05-10 21:30:00	10.090	15.894	0.326	7.158	10.137	1.029
WLNG-US	2025-05-10 21:45:00	10.064	16.431	0.330	7.086	10.137	0.984
WLNG-US	2025-05-10 22:00:00	10.039	16.105	0.341	6.919	10.120	0.963
WLNG-US	2025-05-10 22:15:00	10.023	16.327	0.326	7.152	10.161	0.948
WLNG-US	2025-05-10 22:30:00	10.006	16.160	0.329	7.103	10.154	1.047
WLNG-US	2025-05-10 22:45:00	9.993	16.312	0.330	7.098	10.141	1.005
WLNG-US	2025-05-10 23:00:00	9.981	16.528	0.339	6.956	10.143	1.053
WLNG-US	2025-05-10 23:15:00	9.965	16.224	0.331	7.110	10.154	0.998
WLNG-US	2025-05-10 23:30:00	9.945	16.199	0.340	6.950	10.157	0.999
WLNG-US	2025-05-10 23:45:00	9.923	16.131	0.328	7.155	10.161	1.053
WLNG-US	2025-05-11 00:00:00	9.907	16.291	0.332	7.085	10.157	0.980

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-11 00:15:00	9.894	16.131	0.328	7.153	10.159	1.003
WLNG-US	2025-05-11 00:30:00	9.883	16.436	0.331	7.093	10.159	0.966
WLNG-US	2025-05-11 00:45:00	9.867	16.216	0.339	6.976	10.168	0.968
WLNG-US	2025-05-11 01:00:00	9.847	16.109	0.327	7.173	10.167	0.937
WLNG-US	2025-05-11 01:15:00	9.829	16.109	0.333	7.077	10.182	0.969
WLNG-US	2025-05-11 01:30:00	9.812	16.386	0.332	7.095	10.193	0.929
WLNG-US	2025-05-11 01:45:00	9.796	16.044	0.343	6.935	10.179	0.956
WLNG-US	2025-05-11 02:00:00	9.787	16.140	0.330		10.186	0.968
WLNG-US	2025-05-11 02:15:00	9.774	15.988	0.331	7.145	10.186	0.980
WLNG-US	2025-05-11 02:30:00	9.760	16.298	0.336	7.060	10.200	0.962
WLNG-US	2025-05-11 02:45:00	9.747	16.287	0.346	6.919	10.187	1.202
WLNG-US	2025-05-11 03:00:00	9.736	16.006	0.332	7.174	10.184	1.088
WLNG-US	2025-05-11 03:15:00	9.718	16.354	0.337	7.084	10.173	0.950
WLNG-US	2025-05-11 03:30:00	9.697	16.485	0.344	6.960	10.182	1.004
WLNG-US	2025-05-11 03:45:00	9.680	16.104	0.335	7.103	10.229	0.959
WLNG-US	2025-05-11 04:00:00	9.665	16.206	0.334	7.089	10.195	0.958
WLNG-US	2025-05-11 04:15:00	9.653	16.208	0.335	7.081	10.203	0.956
WLNG-US	2025-05-11 04:30:00	9.640	16.400	0.335	7.075	10.194	0.941
WLNG-US	2025-05-11 04:45:00	9.630	16.190	0.334	7.079	10.219	0.981
WLNG-US	2025-05-11 05:00:00	9.614	16.293	0.332	7.073	10.204	0.963
WLNG-US	2025-05-11 05:15:00	9.598	16.195	0.338	6.949	10.214	0.951
WLNG-US	2025-05-11 05:30:00	9.590	16.143	0.326	7.142	10.220	1.064
WLNG-US	2025-05-11 05:45:00	9.584	16.236	0.329	7.078	10.215	0.998
WLNG-US	2025-05-11 06:00:00	9.571	16.083	0.335	6.960	10.207	1.033
WLNG-US	2025-05-11 06:15:00	9.562	16.099	0.332	7.037	10.232	0.939
WLNG-US	2025-05-11 06:30:00	9.554	16.112	0.328	7.115	10.244	0.928
WLNG-US	2025-05-11 06:45:00	9.551	16.342	0.330	7.120	10.240	0.965
WLNG-US	2025-05-11 07:00:00	9.550	16.135	0.330	7.123	10.264	0.995
WLNG-US	2025-05-11 07:15:00	9.556	15.971	0.330	7.107	10.252	1.060
WLNG-US	2025-05-11 07:30:00	9.569	15.984	0.330	7.125	10.257	0.968
WLNG-US	2025-05-11 07:45:00	9.594	16.049	0.336	7.019	10.299	1.001
WLNG-US	2025-05-11 08:00:00	9.618	15.872	0.329	7.096	10.290	1.104
WLNG-US	2025-05-11 08:15:00	9.629	16.010	0.326	7.135	10.288	1.126
WLNG-US	2025-05-11 08:30:00	9.649	16.073	0.333	7.041	10.289	0.912
WLNG-US	2025-05-11 08:45:00	9.662	15.734	0.325	7.174	10.285	0.947
WLNG-US	2025-05-11 09:00:00	9.680	15.952	0.331	7.045	10.306	0.950
WLNG-US	2025-05-11 09:15:00	9.715	15.827	0.323	7.212	10.301	0.985
WLNG-US	2025-05-11 09:30:00	9.738	15.857	0.326	7.164	10.297	0.947
WLNG-US	2025-05-11 09:45:00	9.773	15.861	0.325	7.201	10.321	0.996
WLNG-US	2025-05-11 10:00:00	9.826	15.739	0.330	7.116	10.301	0.946
WLNG-US	2025-05-11 10:15:00	9.853	15.881	0.334	7.054	10.255	0.991
WLNG-US	2025-05-11 10:30:00	9.871	15.841	0.323	7.249	10.295	1.002
WLNG-US	2025-05-11 10:45:00	9.909	16.019	0.327	7.177	10.282	1.003
WLNG-US	2025-05-11 11:00:00	9.960	15.943	0.326	7.200	10.302	0.941
WLNG-US	2025-05-11 11:15:00	9.992	15.924	0.336	7.039	10.274	0.974
WLNG-US	2025-05-11 11:30:00	10.026	15.666	0.323		10.259	0.953
WLNG-US	2025-05-11 11:45:00	10.085	15.849	0.330	7.142	10.278	0.957
WLNG-US	2025-05-11 12:00:00	10.093	16.043	0.327	7.195	10.248	1.033
WLNG-US	2025-05-11 12:15:00	10.129	16.126	0.337	7.045	10.265	1.074
WLNG-US	2025-05-11 12:30:00	10.251	15.801	0.321	7.315	10.303	0.994
WLNG-US	2025-05-11 12:45:00	10.242	15.783	0.335	7.032	10.209	1.039
WLNG-US	2025-05-11 13:00:00	10.268	15.792	0.324	7.246	10.201	0.988
WLNG-US	2025-05-11 13:15:00	10.281	16.127	0.326	7.196	10.184	1.235
WLNG-US	2025-05-11 13:30:00	10.352	15.824	0.332	7.079	10.237	1.021
WLNG-US	2025-05-11 13:45:00	10.505	15.642	0.316	7.341	10.267	1.079
WLNG-US	2025-05-11 14:00:00	10.651	15.997	0.320	7.244	10.222	0.988
WLNG-US	2025-05-11 14:15:00	10.671	15.810	0.331	7.072	10.157	1.037
WLNG-US	2025-05-11 14:30:00	10.734	15.912	0.316	7.335	10.161	0.989
WLNG-US	2025-05-11 14:45:00	10.742	15.706	0.330	7.074	10.126	1.028
WLNG-US	2025-05-11 15:00:00	10.838	15.747	0.328	7.108	10.132	1.024
WLNG-US	2025-05-11 15:15:00	10.869	16.032	0.330	7.073	10.092	1.058

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-05-11 15:30:00	10.889	15.734	0.318	7.287	10.069	1.049
WLNG-US	2025-05-11 15:45:00	10.917	15.996	0.319	7.258	10.078	1.087
WLNG-US	2025-05-11 16:00:00	10.912	15.963	0.321	7.206	10.056	1.023
WLNG-US	2025-05-11 16:15:00	10.909	16.785	0.323	6.793	10.046	1.053
WLNG-US	2025-05-11 16:30:00	10.896	16.886	0.327	6.725	10.017	1.043
WLNG-US	2025-05-11 16:45:00	10.879	16.704	0.323	6.956	10.037	1.098
WLNG-US	2025-05-11 17:00:00	10.863	16.750	0.324	6.980	10.017	1.019
WLNG-US	2025-05-11 17:15:00	10.868	16.694	0.331	6.945	10.012	1.036
WLNG-US	2025-05-11 17:30:00	10.864	16.311	0.319	7.203	9.992	1.035
WLNG-US	2025-05-11 17:45:00	10.852	16.416	0.325	7.077	9.955	1.017
WLNG-US	2025-05-11 18:00:00	10.833	16.493	0.332	6.928	9.950	1.069
WLNG-US	2025-05-11 18:15:00	10.820	16.290	0.321	7.176	9.940	1.080
WLNG-US	2025-05-11 18:30:00	10.810	16.267	0.323	7.119	9.955	1.074
WLNG-US	2025-05-11 18:45:00	10.800	16.370	0.332	6.976	9.946	1.048
WLNG-US	2025-05-11 19:00:00	10.785	16.152	0.327	7.047	9.941	1.106
WLNG-US	2025-05-11 19:15:00	10.754	16.449	0.325	7.076	9.907	1.076
WLNG-US	2025-05-11 19:30:00	10.719	16.599	0.333	6.933	9.897	1.022
WLNG-US	2025-05-11 19:45:00	10.684	16.291	0.320	7.168	9.932	1.217
WLNG-US	2025-05-11 20:00:00	10.640	16.454	0.330	6.962	9.934	1.090
WLNG-US	2025-05-11 20:15:00	10.600	16.121	0.317	7.186	9.946	1.066
WLNG-US	2025-05-11 20:30:00	10.553	16.744	0.321	7.098	9.951	1.028
WLNG-US	2025-05-11 20:45:00	10.497	16.185	0.322	7.102	9.951	1.182
WLNG-US	2025-05-11 21:00:00	10.446	16.434	0.331	6.941	9.983	1.027
WLNG-US	2025-05-11 21:15:00	10.404	16.571	0.313	7.194	9.988	1.022
WLNG-US	2025-05-11 21:30:00	10.361	16.720	0.319	7.059	9.981	1.041
WLNG-US	2025-05-11 21:45:00	10.314	16.424	0.318	7.070	10.010	1.048
WLNG-US	2025-05-11 22:00:00	10.275	16.299	0.318	7.088	10.015	1.072
WLNG-US	2025-05-11 22:15:00	10.242	16.380	0.319	7.070	10.010	1.034
WLNG-US	2025-05-11 22:30:00	10.212	16.203	0.327	6.903	10.016	1.129
WLNG-US	2025-05-11 22:45:00	10.188	16.515	0.315	7.175	10.022	0.976
WLNG-US	2025-05-11 23:00:00	10.169	16.070	0.320	7.083	10.041	0.983
WLNG-US	2025-05-11 23:15:00	10.150	16.247	0.321	7.059	10.043	1.418
WLNG-US	2025-05-11 23:30:00	10.127	16.494	0.328	6.917	10.034	1.354
WLNG-US	2025-05-11 23:45:00	10.104	16.122	0.318	7.117	10.048	1.464


Turbidity (NTU)
600
400
200
0
05-May
06-May
07-May
08-May
09-May
10-May
11-May
12-May
Guideline
BC FWAL - Chronic
Monitoring location
WLNG-DS
WLNG-US

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID:	WLNG-EOP	**Date:**	06-05-2025
Site Name:	WLNG	**Time:**	9:40
Site UTM:	Zone: ____ E:	**Crew:**	HM
(NAD83)	N:	**Weather:**	**Clear** Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:	6.75	DO:	2.51 (mg/L)
Temp.:	12 (°C)	Cond:	127 (us)
Turbidity:	1.46 NTU		

Visible Sheen: Y / **N**

Water Surface Condition: **Clear** Turbid Foaming Ice

Photo Record

Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WLNG-US
Site Name: WLNG
Site UTM: Zone: E:
(NAD83) N:

Date: 06-05-2025
Time: 8:20
Crew: HM
Weather: **Clear** Foggy Cloudy Rain Snow Windy

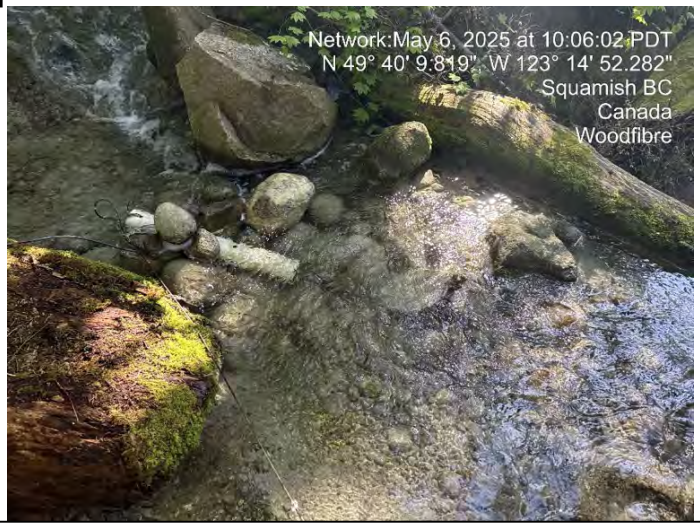
In Situ Parameters

pH: 6.21
DO: 2.59 (mg/L)
Temp.: 9.2 (°C)
Cond: 32.8 (us)
Turbidity: 0.53 NTU

Visible Sheen: Y / **N**

Water Surface Condition: **Clear** Turbid Foaming Ice

Photo Record



Photo

Observations

Water Quality Field Data Sheet

Project: FORTIS11234

Location Information

Site ID: WLNG-DS
Site Name: WLNG
Site UTM: Zone: E:
(NAD83) N:
Date: 06-05-2025
Time: 10:00
Crew: HM
Weather: **Clear** Foggy Cloudy Rain Snow Windy

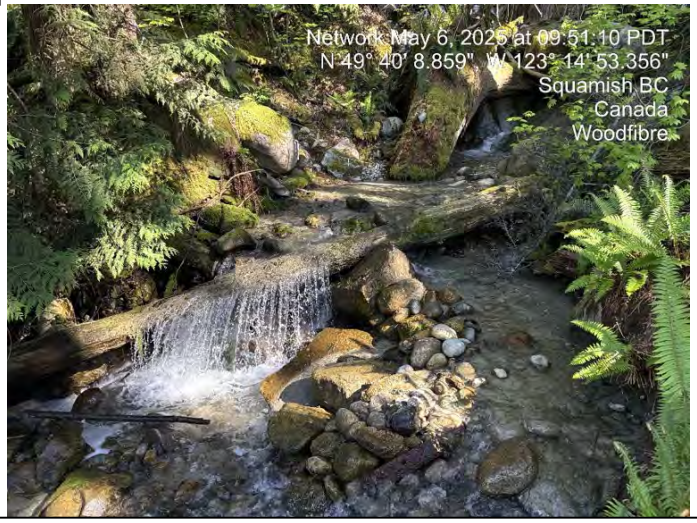
In Situ Parameters

pH: 7.18
Temp.: 10.4 (°C)
Turbidity: 1.1 NTU
DO: 2.95 (mg/L)
Cond: 109.6 (us)

Visible Sheen: Y / **N**

Water Surface Condition: Clear Turbid **Foamy** Ice

Photo Record



Photo

Observations

Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 104075

Attention: Jennifer Choyce

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

Report Date: 2025/05/14
Report #: R3659920
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C538135
Received: 2025/05/06, 17:21

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	2025/05/08	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/05/12	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	8	N/A	2025/05/13		
Total Hexavalent Chromium	8	N/A	2025/05/12	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/05/08	BBY6SOP-00053	SM 24 5310 B m
Fluoride	8	N/A	2025/05/08	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/05/13	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/05/13		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	7	N/A	2025/05/13	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	8	N/A	2025/05/12	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/05/12	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/05/12	2025/05/12	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/05/09	2025/05/09	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/05/07	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/05/09	2025/05/09	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/05/12	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	8	N/A	2025/05/09	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/05/08	2025/05/10	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	8	N/A	2025/05/12	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/05/09	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/05/09	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/05/07	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/05/08	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/05/08	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	8	N/A	2025/05/09	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	2	2025/05/09	2025/05/10	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/05/12	BBY WI-00033	Auto Calc
pH @25°C (6)	8	N/A	2025/05/08	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/05/12	AB SOP-00088	EPA 9066 R0 m

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 104075

Attention: Jennifer Choyce

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

Report Date: 2025/05/14
Report #: R3659920
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C538135
Received: 2025/05/06, 17:21

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Sulphide (1)	8	2025/05/13	2025/05/13	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/05/08	2025/05/09	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/05/12	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/05/09	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/05/09	2025/05/10	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	8	2025/05/09	2025/05/12	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/05/13	Field Test	Field Test
Field pH	1	N/A	2025/05/07	Field Test	Field Test
Field Temperature	6	N/A	2025/05/13	Field Test	Field Test
Field Temperature	1	N/A	2025/05/07	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/05/09	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/05/09	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.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

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

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 104075

Attention: Jennifer Choyce

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

Report Date: 2025/05/14
Report #: R3659920
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C538135

Received: 2025/05/06, 17:21

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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Job #: C538135
Report Date: 2025/05/14

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		DJE387			DJE387			DJE388		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	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	B778593				ND	0.0050	B778593
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B777376				ND	0.00099	B777378
Dissolved Hardness (CaCO3)	mg/L	40.6	0.50	B776948				47.8	0.50	B776948
Total Hardness (CaCO3)	mg/L	35.0	0.50	B776947				43.5	0.50	B776947
Nitrate (N)	mg/L	ND	0.020	B777241				ND	0.020	B777241
Sulphide (as H2S)	mg/L	0.0093	0.0020	B776747				ND	0.0020	B776747
Field Parameters										
Field pH	pH	7.18	N/A	ONSITE				6.75	N/A	ONSITE
Field Temperature	°C	10.9	N/A	ONSITE				12	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.51	N/A	B777930				7.42	N/A	B777930
Total Organic Carbon (C)	mg/L	1.1	0.50	B779856	1.1	0.50	B779856	1.1	0.50	B779856
Total Dissolved Solids	mg/L	74	10	B778819	80	10	B778819	86	10	B778819
Total Suspended Solids	mg/L	4.4	1.0	B779590	4.8	1.0	B779590	9.2	1.0	B779590
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.0	0.50	B779303				1.0	0.50	B779303
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B777931				ND	1.0	B777931
Alkalinity (Total as CaCO3)	mg/L	37	1.0	B777931				45	1.0	B777931
Bicarbonate (HCO3)	mg/L	45	1.0	B777931				55	1.0	B777931
Carbonate (CO3)	mg/L	ND	1.0	B777931				ND	1.0	B777931
Dissolved Fluoride (F)	mg/L	0.10	0.050	B778775				0.13	0.050	B778775
Hydroxide (OH)	mg/L	ND	1.0	B777931				ND	1.0	B777931
Total Sulphide	mg/L	0.0088	0.0018	B944763				ND	0.0018	B944763
Chloride (Cl)	mg/L	6.6	1.0	B779317				8.5	1.0	B779317
Sulphate (SO4)	mg/L	4.8	1.0	B779317				5.8	1.0	B779317

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 #: C538135
Report Date: 2025/05/14

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		DJE387			DJE387			DJE388		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B782329				ND	0.00099	B782329
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B777361				ND	0.015	B777361
Total Phosphorus (P)	mg/L	0.0033	0.0010	B780503				0.0039	0.0010	B780503
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B778588				ND	0.020	B778588
Total Nitrogen (N)	mg/L	0.129	0.020	B778613				0.182	0.020	B778613
Misc. Organics										
Phenols	mg/L							ND	0.0015	B782179

RDL = Reportable Detection Limit
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Bureau Veritas Job #: C538135
Report Date: 2025/05/14

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		DJE389		DJE390		DJE391			DJE391		
Sampling Date		2025/05/06		2025/05/06		2025/05/06			2025/05/06		
COC Number		104075		104075		104075			104075		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
ANIONS											
Nitrite (N)	mg/L	ND	B778593	ND	B778593	ND	0.0050	B778593			
Calculated Parameters											
Total Chromium III	mg/L	ND	B777376	ND	B777378	ND	0.00099	B777378			
Dissolved Hardness (CaCO3)	mg/L	5.37	B776948	12.7	B776948	12.0	0.50	B776948			
Total Hardness (CaCO3)	mg/L	5.66	B776947	12.0	B776947	12.9	0.50	B776947			
Nitrate (N)	mg/L	ND	B777241	0.027	B777241	0.033	0.020	B777241			
Sulphide (as H2S)	mg/L	ND	B776747	ND	B776747	0.0031	0.0020	B776747			
Field Parameters											
Field pH	pH	6.21	ONSITE	7.18	ONSITE	6.6	N/A	ONSITE			
Field Temperature	°C	9.2	ONSITE	11.9	ONSITE	13.9	N/A	ONSITE			
Misc. Inorganics											
pH	pH	6.39	B777930	6.51	B777930	6.45	N/A	B777930	6.47	N/A	B777930
Total Organic Carbon (C)	mg/L	1.5	B779856	1.4	B779856	1.4	0.50	B779856			
Total Dissolved Solids	mg/L	18	B778819	38	B778819	38	10	B778819			
Total Suspended Solids	mg/L	1.6	B779590	8.0	B779590	7.2	1.0	B779590			
Lab Filtered Inorganics											
Dissolved Organic Carbon (C)	mg/L	1.6	B779303	1.5	B779303	1.4	0.50	B779303			
Anions											
Alkalinity (PP as CaCO3)	mg/L	ND	B777931	ND	B777931	ND	1.0	B777931	ND	1.0	B777931
Alkalinity (Total as CaCO3)	mg/L	5.3	B777931	11	B777931	11	1.0	B777931	11	1.0	B777931
Bicarbonate (HCO3)	mg/L	6.5	B777931	14	B777931	14	1.0	B777931	14	1.0	B777931
Carbonate (CO3)	mg/L	ND	B777931	ND	B777931	ND	1.0	B777931	ND	1.0	B777931
Dissolved Fluoride (F)	mg/L	ND	B778775	ND	B778775	ND	0.050	B778775			
Hydroxide (OH)	mg/L	ND	B777931	ND	B777931	ND	1.0	B777931	ND	1.0	B777931
Total Sulphide	mg/L	ND	B944763	ND	B944763	0.0029	0.0018	B944764	ND	0.0018	B944764
Chloride (Cl)	mg/L	ND	B779317	1.4	B779317	1.2	1.0	B779317			
Sulphate (SO4)	mg/L	1.5	B779317	3.4	B779317	3.3	1.0	B779317			

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
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N/A = Not Applicable

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

Bureau Veritas Job #: C538135
Report Date: 2025/05/14

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		DJE389		DJE390		DJE391			DJE391		
Sampling Date		2025/05/06		2025/05/06		2025/05/06			2025/05/06		
COC Number		104075		104075		104075			104075		
	UNITS	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Metals											
Total Hex. Chromium (Cr 6+)	mg/L	ND	B782329	ND	B782329	ND	0.00099	B782329			
Nutrients											
Total Ammonia (N)	mg/L	ND	B777361	0.038	B777361	0.028	0.015	B777361			
Total Phosphorus (P)	mg/L	0.0051	B780503	0.020	B780503	0.020	0.0010	B780503			
Nitrate plus Nitrite (N)	mg/L	ND	B778588	0.027	B778588	0.033	0.020	B778588			
Total Nitrogen (N)	mg/L	0.102	B778613	0.164	B778613	0.147	0.020	B778613			

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Bureau Veritas Job #: C538135
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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		DJE392			DJE392		
Sampling Date		2025/05/06			2025/05/06		
COC Number		104075			104075		
	UNITS	SQRI-DS FIELD BLANK	RDL	QC Batch	SQRI-DS FIELD BLANK Lab-Dup	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	ND	0.0050	B778593			
Calculated Parameters							
Total Chromium III	mg/L	ND	0.00099	B777378			
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	B776948			
Total Hardness (CaCO3)	mg/L	ND	0.50	B776947			
Nitrate (N)	mg/L	ND	0.020	B777241			
Sulphide (as H2S)	mg/L	ND	0.0020	B776747			
Field Parameters							
Field pH	pH	6.6	N/A	ONSITE			
Field Temperature	°C	13.9	N/A	ONSITE			
Misc. Inorganics							
pH	pH	5.84	N/A	B777930			
Total Organic Carbon (C)	mg/L	ND	0.50	B779856			
Total Dissolved Solids	mg/L	ND	10	B778819			
Total Suspended Solids	mg/L	ND	1.0	B779590			
Lab Filtered Inorganics							
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B779303			
Anions							
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B777931			
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	B777931			
Bicarbonate (HCO3)	mg/L	ND	1.0	B777931			
Carbonate (CO3)	mg/L	ND	1.0	B777931			
Dissolved Fluoride (F)	mg/L	ND	0.050	B778775			
Hydroxide (OH)	mg/L	ND	1.0	B777931			
Total Sulphide	mg/L	ND	0.0018	B944764			
Chloride (Cl)	mg/L	ND	1.0	B779317			
Sulphate (SO4)	mg/L	ND	1.0	B779317			

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 #: C538135
Report Date: 2025/05/14

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		DJE392			DJE392		
Sampling Date		2025/05/06			2025/05/06		
COC Number		104075			104075		
	UNITS	SQRI-DS FIELD BLANK	RDL	QC Batch	SQRI-DS FIELD BLANK Lab-Dup	RDL	QC Batch
Metals							
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B782329			
Nutrients							
Total Ammonia (N)	mg/L	ND	0.015	B777361			
Total Phosphorus (P)	mg/L	ND	0.0010	B780503			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B778588			
Total Nitrogen (N)	mg/L	0.054	0.020	B778613	0.050	0.020	B778613

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 #: C538135
Report Date: 2025/05/14

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		DJE393			DJE393			DJE394		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch	WLNG-EOP DUPLICATE	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B778593				ND	0.0050	B778593
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B777378				ND	0.00099	B777378
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	B776948				44.2	0.50	B776948
Total Hardness (CaCO3)	mg/L	ND	0.50	B776947				43.4	0.50	B776947
Nitrate (N)	mg/L	ND	0.020	B777241				ND	0.020	B777241
Sulphide (as H2S)	mg/L							ND	0.0020	B776747
Field Parameters										
Field pH	pH							6.75	N/A	ONSITE
Field Temperature	°C							12	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.36	N/A	B777923				7.20	N/A	B777923
Total Organic Carbon (C)	mg/L	ND	0.50	B779856				1.1	0.50	B779856
Total Dissolved Solids	mg/L	ND	10	B778819				84	10	B778819
Total Suspended Solids	mg/L	ND	1.0	B779590				3.6	1.0	B779590
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B779303				1.0	0.50	B779303
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B777927				ND	1.0	B777927
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	B777927				44	1.0	B777927
Bicarbonate (HCO3)	mg/L	ND	1.0	B777927				54	1.0	B777927
Carbonate (CO3)	mg/L	ND	1.0	B777927				ND	1.0	B777927
Dissolved Fluoride (F)	mg/L	ND	0.050	B778775				0.12	0.050	B778775
Hydroxide (OH)	mg/L	ND	1.0	B777927				ND	1.0	B777927
Total Sulphide	mg/L	ND	0.0018	B944764				ND	0.0018	B944764
Chloride (Cl)	mg/L	ND	1.0	B779317				9.0	1.0	B779317
Sulphate (SO4)	mg/L	ND	1.0	B779317				5.6	1.0	B779317

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 #: C538135
Report Date: 2025/05/14

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		DJE393			DJE393			DJE394		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch	WLNG-EOP DUPLICATE	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B782329	ND	0.00099	B782329	ND	0.00099	B782329
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B777361				ND	0.015	B777361
Total Phosphorus (P)	mg/L	ND	0.0010	B780503	ND	0.0010	B780503	0.0040	0.0010	B780503
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B778588				ND	0.020	B778588
Total Nitrogen (N)	mg/L	0.035	0.020	B778613				0.187	0.020	B778613
Misc. Organics										
Phenols	mg/L							ND	0.0015	B782179

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

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GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DJE388	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	WLNG -EOP	WLNG-EOP DUPLICATE	RDL	QC Batch
Glycols					
Ethylene Glycol	mg/L	ND	ND	3.0	B782163
Diethylene Glycol	mg/L	ND	ND	5.0	B782163
Triethylene Glycol	mg/L	ND	ND	5.0	B782163
Propylene Glycol	mg/L	ND	ND	5.0	B782163
Surrogate Recovery (%)					
Methyl Sulfone (sur.)	%	107	106		B782163

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DJE387	DJE388	DJE389	DJE390	DJE391	DJE392		
Sampling Date		2025/05/06	2025/05/06	2025/05/06	2025/05/06	2025/05/06	2025/05/06		
COC Number		104075	104075	104075	104075	104075	104075		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	SQRI-DS FIELD BLANK	RDL	QC Batch
Elements									
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	ND	0.0019	B779918
Lab Filtered Elements									
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	B782181

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		DJE393	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	TRIP BLANK	WLNG-EOP DUPLICATE	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	ND	0.0019	B779918
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	0.0019	B782181

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.

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE387			DJE387			DJE388		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	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	B777786				ND	0.010	B777786
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	15.1	0.050	B776953				17.8	0.050	B776953
Dissolved Magnesium (Mg)	mg/L	0.695	0.050	B776953				0.810	0.050	B776953
Dissolved Potassium (K)	mg/L	1.33	0.050	B776953				1.61	0.050	B776953
Dissolved Sodium (Na)	mg/L	4.15	0.050	B776953				4.63	0.050	B776953
Dissolved Sulphur (S)	mg/L	ND	3.0	B776953				ND	3.0	B776953
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	45.7	0.50	B779920				34.1	0.50	B779920
Dissolved Antimony (Sb)	ug/L	0.138	0.020	B779920				0.173	0.020	B779920
Dissolved Arsenic (As)	ug/L	0.559	0.020	B779920				0.661	0.020	B779920
Dissolved Barium (Ba)	ug/L	3.44	0.020	B779920				3.37	0.020	B779920
Dissolved Beryllium (Be)	ug/L	ND	0.010	B779920				ND	0.010	B779920
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B779920				ND	0.0050	B779920
Dissolved Boron (B)	ug/L	12	10	B779920				13	10	B779920
Dissolved Cadmium (Cd)	ug/L	0.0262	0.0050	B779920				0.0369	0.0050	B779920
Dissolved Cesium (Cs)	ug/L	ND	0.050	B779920				ND	0.050	B779920
Dissolved Chromium (Cr)	ug/L	ND	0.10	B779920				ND	0.10	B779920
Dissolved Cobalt (Co)	ug/L	0.0394	0.0050	B779920				0.0483	0.0050	B779920
Dissolved Copper (Cu)	ug/L	0.123	0.050	B779920				3.39	0.050	B779920
Dissolved Iron (Fe)	ug/L	2.8	1.0	B779920				ND	1.0	B779920
Dissolved Lead (Pb)	ug/L	ND	0.0050	B779920				0.238	0.0050	B779920
Dissolved Lithium (Li)	ug/L	1.57	0.50	B779920				2.02	0.50	B779920
Dissolved Manganese (Mn)	ug/L	13.1	0.050	B779920				18.2	0.050	B779920
Dissolved Molybdenum (Mo)	ug/L	11.3	0.050	B779920				13.7	0.050	B779920
Dissolved Nickel (Ni)	ug/L	0.125	0.020	B779920				0.137	0.020	B779920
Dissolved Phosphorus (P)	ug/L	ND	2.0	B779920				2.4	2.0	B779920
Dissolved Rubidium (Rb)	ug/L	2.14	0.050	B779920				2.66	0.050	B779920
Dissolved Selenium (Se)	ug/L	0.046	0.040	B779920				0.051	0.040	B779920

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

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE387			DJE387			DJE388		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	5570	50	B779920				5830	50	B779920
Dissolved Silver (Ag)	ug/L	ND	0.0050	B779920				ND	0.0050	B779920
Dissolved Strontium (Sr)	ug/L	28.1	0.050	B779920				32.3	0.050	B779920
Dissolved Tellurium (Te)	ug/L	ND	0.020	B779920				ND	0.020	B779920
Dissolved Thallium (Tl)	ug/L	0.0077	0.0020	B779920				0.0102	0.0020	B779920
Dissolved Thorium (Th)	ug/L	ND	0.0050	B779920				0.0078	0.0050	B779920
Dissolved Tin (Sn)	ug/L	ND	0.20	B779920				ND	0.20	B779920
Dissolved Titanium (Ti)	ug/L	ND	0.50	B779920				ND	0.50	B779920
Dissolved Uranium (U)	ug/L	0.350	0.0020	B779920				0.382	0.0020	B779920
Dissolved Vanadium (V)	ug/L	ND	0.20	B779920				ND	0.20	B779920
Dissolved Zinc (Zn)	ug/L	0.97	0.10	B779920				4.43	0.10	B779920
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B779920				ND	0.10	B779920
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	139	3.0	B779098	134	3.0	B779098	342	3.0	B779098
Total Antimony (Sb)	ug/L	0.133	0.020	B779098	0.148	0.020	B779098	0.184	0.020	B779098
Total Arsenic (As)	ug/L	0.652	0.020	B779098	0.624	0.020	B779098	0.889	0.020	B779098
Total Barium (Ba)	ug/L	4.39	0.050	B779098	4.22	0.050	B779098	6.34	0.050	B779098
Total Beryllium (Be)	ug/L	ND	0.010	B779098	ND	0.010	B779098	ND	0.010	B779098
Total Bismuth (Bi)	ug/L	ND	0.010	B779098	ND	0.010	B779098	0.023	0.010	B779098
Total Boron (B)	ug/L	12	10	B779098	12	10	B779098	14	10	B779098
Total Cadmium (Cd)	ug/L	0.0387	0.0050	B779098	0.0452	0.0050	B779098	0.0596	0.0050	B779098
Total Cesium (Cs)	ug/L	ND	0.050	B779098	ND	0.050	B779098	ND	0.050	B779098
Total Chromium (Cr)	ug/L	0.22	0.10	B779098	0.17	0.10	B779098	0.22	0.10	B779098
Total Cobalt (Co)	ug/L	0.047	0.010	B779098	0.049	0.010	B779098	0.092	0.010	B779098
Total Copper (Cu)	ug/L	0.27	0.10	B779098	0.29	0.10	B779098	12.5	0.10	B779098
Total Iron (Fe)	ug/L	44.7	5.0	B779098	41.0	5.0	B779098	160	5.0	B779098
Total Lead (Pb)	ug/L	0.038	0.020	B779098	0.042	0.020	B779098	2.50	0.020	B779098
Total Lithium (Li)	ug/L	1.78	0.50	B779098	1.72	0.50	B779098	2.29	0.50	B779098
Total Manganese (Mn)	ug/L	18.0	0.10	B779098	17.7	0.10	B779098	29.8	0.10	B779098
Total Molybdenum (Mo)	ug/L	10.8	0.050	B779098	10.7	0.050	B779098	13.6	0.050	B779098

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE387			DJE387			DJE388		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.16	0.10	B779098	0.15	0.10	B779098	0.22	0.10	B779098
Total Phosphorus (P)	ug/L	12.5	5.0	B779098	11.1	5.0	B779098	9.9	5.0	B779098
Total Rubidium (Rb)	ug/L	2.38	0.050	B779098	2.33	0.050	B779098	3.31	0.050	B779098
Total Selenium (Se)	ug/L	ND	0.040	B779098	ND	0.040	B779098	0.046	0.040	B779098
Total Silicon (Si)	ug/L	5030	50	B779098	4940	50	B779098	5620	50	B779098
Total Silver (Ag)	ug/L	ND	0.010	B779098	ND	0.010	B779098	ND	0.010	B779098
Total Strontium (Sr)	ug/L	29.4	0.050	B779098	30.1	0.050	B779098	36.4	0.050	B779098
Total Tellurium (Te)	ug/L	ND	0.020	B779098	ND	0.020	B779098	ND	0.020	B779098
Total Thallium (Tl)	ug/L	0.0088	0.0020	B779098	0.0088	0.0020	B779098	0.0142	0.0020	B779098
Total Thorium (Th)	ug/L	ND	0.050	B779098	ND	0.050	B779098	0.070	0.050	B779098
Total Tin (Sn)	ug/L	ND	0.20	B779098	ND	0.20	B779098	ND	0.20	B779098
Total Titanium (Ti)	ug/L	2.6	2.0	B779098	2.1	2.0	B779098	9.1	2.0	B779098
Total Uranium (U)	ug/L	0.481	0.0050	B779098	0.473	0.0050	B779098	0.736	0.0050	B779098
Total Vanadium (V)	ug/L	0.22	0.20	B779098	ND	0.20	B779098	0.36	0.20	B779098
Total Zinc (Zn)	ug/L	1.7	1.0	B779098	1.8	1.0	B779098	6.9	1.0	B779098
Total Zirconium (Zr)	ug/L	ND	0.10	B779098	ND	0.10	B779098	ND	0.10	B779098
Total Calcium (Ca)	mg/L	12.9	0.25	B776954				16.0	0.25	B776954
Total Magnesium (Mg)	mg/L	0.70	0.25	B776954				0.86	0.25	B776954
Total Potassium (K)	mg/L	1.27	0.25	B776954				1.59	0.25	B776954
Total Sodium (Na)	mg/L	3.90	0.25	B776954				4.65	0.25	B776954
Total Sulphur (S)	mg/L	ND	3.0	B776954				ND	3.0	B776954

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

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE389			DJE390	DJE391		
Sampling Date		2025/05/06			2025/05/06	2025/05/06		
COC Number		104075			104075	104075		
	UNITS	WLNG-US	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch
ANIONS								
Bromide (Br)	mg/L	ND	0.010	B777786	ND	ND	0.010	B777786
Dissolved Metals by ICPMS								
Dissolved Calcium (Ca)	mg/L	1.82	0.050	B776953	4.36	4.13	0.050	B776953
Dissolved Magnesium (Mg)	mg/L	0.202	0.050	B776953	0.433	0.410	0.050	B776953
Dissolved Potassium (K)	mg/L	0.163	0.050	B776953	0.414	0.432	0.050	B776953
Dissolved Sodium (Na)	mg/L	1.37	0.050	B776953	1.39	1.39	0.050	B776953
Dissolved Sulphur (S)	mg/L	ND	3.0	B776953	ND	ND	3.0	B776953
Lab Filtered Metals								
Dissolved Aluminum (Al)	ug/L	46.3	0.50	B779920	32.9	31.9	0.50	B779920
Dissolved Antimony (Sb)	ug/L	ND	0.020	B779920	ND	ND	0.020	B779920
Dissolved Arsenic (As)	ug/L	0.085	0.020	B779920	0.102	0.099	0.020	B779920
Dissolved Barium (Ba)	ug/L	3.16	0.020	B779920	5.71	5.71	0.020	B779920
Dissolved Beryllium (Be)	ug/L	ND	0.010	B779920	ND	ND	0.010	B779920
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B779920	ND	ND	0.0050	B779920
Dissolved Boron (B)	ug/L	ND	10	B779920	ND	ND	10	B779920
Dissolved Cadmium (Cd)	ug/L	0.0067	0.0050	B779920	0.0072	0.0082	0.0050	B779920
Dissolved Cesium (Cs)	ug/L	ND	0.050	B779920	ND	ND	0.050	B779920
Dissolved Chromium (Cr)	ug/L	ND	0.10	B779920	ND	ND	0.10	B779920
Dissolved Cobalt (Co)	ug/L	0.0189	0.0050	B779920	0.0382	0.0393	0.0050	B779920
Dissolved Copper (Cu)	ug/L	0.497	0.050	B779920	0.628	0.654	0.050	B779920
Dissolved Iron (Fe)	ug/L	17.2	1.0	B779920	48.5	36.5	1.0	B779920
Dissolved Lead (Pb)	ug/L	0.0110	0.0050	B779920	ND	0.0064	0.0050	B779920
Dissolved Lithium (Li)	ug/L	ND	0.50	B779920	ND	0.51	0.50	B779920
Dissolved Manganese (Mn)	ug/L	1.18	0.050	B779920	3.81	3.82	0.050	B779920
Dissolved Molybdenum (Mo)	ug/L	0.322	0.050	B779920	0.446	0.434	0.050	B779920
Dissolved Nickel (Ni)	ug/L	0.198	0.020	B779920	0.087	0.093	0.020	B779920
Dissolved Phosphorus (P)	ug/L	4.6	2.0	B779920	9.4	5.5	2.0	B779920
Dissolved Rubidium (Rb)	ug/L	0.326	0.050	B779920	0.607	0.603	0.050	B779920
Dissolved Selenium (Se)	ug/L	ND	0.040	B779920	ND	ND	0.040	B779920
Dissolved Silicon (Si)	ug/L	3450	50	B779920	3090	2880	50	B779920

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

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE389			DJE390	DJE391		
Sampling Date		2025/05/06			2025/05/06	2025/05/06		
COC Number		104075			104075	104075		
	UNITS	WLNG-US	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	B779920	ND	ND	0.0050	B779920
Dissolved Strontium (Sr)	ug/L	10.6	0.050	B779920	25.5	24.6	0.050	B779920
Dissolved Tellurium (Te)	ug/L	ND	0.020	B779920	ND	ND	0.020	B779920
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B779920	0.0020	ND	0.0020	B779920
Dissolved Thorium (Th)	ug/L	0.0125	0.0050	B779920	ND	0.0054	0.0050	B779920
Dissolved Tin (Sn)	ug/L	ND	0.20	B779920	ND	ND	0.20	B779920
Dissolved Titanium (Ti)	ug/L	ND	0.50	B779920	ND	ND	0.50	B779920
Dissolved Uranium (U)	ug/L	0.0631	0.0020	B779920	0.0229	0.0285	0.0020	B779920
Dissolved Vanadium (V)	ug/L	ND	0.20	B779920	0.73	0.79	0.20	B779920
Dissolved Zinc (Zn)	ug/L	1.46	0.10	B779920	0.68	0.65	0.10	B779920
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B779920	ND	ND	0.10	B779920
Total Metals by ICPMS								
Total Aluminum (Al)	ug/L	64.3	0.50	B778504	156	204	3.0	B779098
Total Antimony (Sb)	ug/L	ND	0.020	B778504	ND	ND	0.020	B779098
Total Arsenic (As)	ug/L	0.089	0.020	B778504	0.115	0.122	0.020	B779098
Total Barium (Ba)	ug/L	3.32	0.020	B778504	7.20	8.24	0.050	B779098
Total Beryllium (Be)	ug/L	ND	0.010	B778504	ND	0.010	0.010	B779098
Total Bismuth (Bi)	ug/L	ND	0.0050	B778504	ND	ND	0.010	B779098
Total Boron (B)	ug/L	ND	10	B778504	ND	ND	10	B779098
Total Cadmium (Cd)	ug/L	0.0067	0.0050	B778504	0.0070	0.0088	0.0050	B779098
Total Cesium (Cs)	ug/L	ND	0.050	B778504	ND	ND	0.050	B779098
Total Chromium (Cr)	ug/L	ND	0.10	B778504	0.17	0.13	0.10	B779098
Total Cobalt (Co)	ug/L	0.0236	0.0050	B778504	0.096	0.118	0.010	B779098
Total Copper (Cu)	ug/L	0.486	0.050	B778504	0.86	1.03	0.10	B779098
Total Iron (Fe)	ug/L	33.0	1.0	B778504	166	199	5.0	B779098
Total Lead (Pb)	ug/L	0.0225	0.0050	B778504	0.043	0.046	0.020	B779098
Total Lithium (Li)	ug/L	ND	0.50	B778504	0.72	0.79	0.50	B779098
Total Manganese (Mn)	ug/L	1.63	0.050	B778504	6.31	7.76	0.10	B779098
Total Molybdenum (Mo)	ug/L	0.318	0.050	B778504	0.410	0.446	0.050	B779098
Total Nickel (Ni)	ug/L	0.199	0.020	B778504	0.12	0.17	0.10	B779098
Total Phosphorus (P)	ug/L	5.1	2.0	B778504	22.0	20.9	5.0	B779098

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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		DJE389			DJE390	DJE391		
Sampling Date		2025/05/06			2025/05/06	2025/05/06		
COC Number		104075			104075	104075		
	UNITS	WLNG-US	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch
Total Rubidium (Rb)	ug/L	0.314	0.050	B778504	0.801	0.839	0.050	B779098
Total Selenium (Se)	ug/L	ND	0.040	B778504	ND	ND	0.040	B779098
Total Silicon (Si)	ug/L	3890	50	B778504	3160	3290	50	B779098
Total Silver (Ag)	ug/L	ND	0.0050	B778504	ND	ND	0.010	B779098
Total Strontium (Sr)	ug/L	11.4	0.050	B778504	26.0	28.3	0.050	B779098
Total Tellurium (Te)	ug/L	ND	0.020	B778504	ND	ND	0.020	B779098
Total Thallium (Tl)	ug/L	ND	0.0020	B778504	0.0022	0.0037	0.0020	B779098
Total Thorium (Th)	ug/L	ND	0.050	B778504	ND	ND	0.050	B779098
Total Tin (Sn)	ug/L	ND	0.20	B778504	ND	ND	0.20	B779098
Total Titanium (Ti)	ug/L	0.59	0.50	B778504	6.5	9.6	2.0	B779098
Total Uranium (U)	ug/L	0.0706	0.0020	B778504	0.0298	0.0448	0.0050	B779098
Total Vanadium (V)	ug/L	ND	0.20	B778504	0.95	1.06	0.20	B779098
Total Zinc (Zn)	ug/L	1.60	0.10	B778504	1.3	1.7	1.0	B779098
Total Zirconium (Zr)	ug/L	ND	0.10	B778504	ND	ND	0.10	B779098
Total Calcium (Ca)	mg/L	1.90	0.050	B776954	4.05	4.31	0.25	B776954
Total Magnesium (Mg)	mg/L	0.220	0.050	B776954	0.46	0.53	0.25	B776954
Total Potassium (K)	mg/L	0.156	0.050	B776954	0.41	0.48	0.25	B776954
Total Sodium (Na)	mg/L	1.33	0.050	B776954	1.33	1.45	0.25	B776954
Total Sulphur (S)	mg/L	ND	3.0	B776954	ND	ND	3.0	B776954

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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		DJE392			DJE392		
Sampling Date		2025/05/06			2025/05/06		
COC Number		104075			104075		
	UNITS	SQRI-DS FIELD BLANK	RDL	QC Batch	SQRI-DS FIELD BLANK Lab-Dup	RDL	QC Batch
ANIONS							
Bromide (Br)	mg/L	ND	0.010	B777786			
Dissolved Metals by ICPMS							
Dissolved Calcium (Ca)	mg/L	ND	0.050	B776953			
Dissolved Magnesium (Mg)	mg/L	ND	0.050	B776953			
Dissolved Potassium (K)	mg/L	ND	0.050	B776953			
Dissolved Sodium (Na)	mg/L	ND	0.050	B776953			
Dissolved Sulphur (S)	mg/L	ND	3.0	B776953			
Lab Filtered Metals							
Dissolved Aluminum (Al)	ug/L	ND	0.50	B779920			
Dissolved Antimony (Sb)	ug/L	ND	0.020	B779920			
Dissolved Arsenic (As)	ug/L	ND	0.020	B779920			
Dissolved Barium (Ba)	ug/L	ND	0.020	B779920			
Dissolved Beryllium (Be)	ug/L	ND	0.010	B779920			
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B779920			
Dissolved Boron (B)	ug/L	ND	10	B779920			
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B779920			
Dissolved Cesium (Cs)	ug/L	ND	0.050	B779920			
Dissolved Chromium (Cr)	ug/L	ND	0.10	B779920			
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B779920			
Dissolved Copper (Cu)	ug/L	ND	0.050	B779920			
Dissolved Iron (Fe)	ug/L	ND	1.0	B779920			
Dissolved Lead (Pb)	ug/L	ND	0.0050	B779920			
Dissolved Lithium (Li)	ug/L	ND	0.50	B779920			
Dissolved Manganese (Mn)	ug/L	ND	0.050	B779920			
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B779920			
Dissolved Nickel (Ni)	ug/L	ND	0.020	B779920			
Dissolved Phosphorus (P)	ug/L	ND	2.0	B779920			
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B779920			
Dissolved Selenium (Se)	ug/L	ND	0.040	B779920			

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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		DJE392			DJE392		
Sampling Date		2025/05/06			2025/05/06		
COC Number		104075			104075		
	UNITS	SQRI-DS FIELD BLANK	RDL	QC Batch	SQRI-DS FIELD BLANK Lab-Dup	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	ND	50	B779920			
Dissolved Silver (Ag)	ug/L	ND	0.0050	B779920			
Dissolved Strontium (Sr)	ug/L	ND	0.050	B779920			
Dissolved Tellurium (Te)	ug/L	ND	0.020	B779920			
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B779920			
Dissolved Thorium (Th)	ug/L	ND	0.0050	B779920			
Dissolved Tin (Sn)	ug/L	ND	0.20	B779920			
Dissolved Titanium (Ti)	ug/L	ND	0.50	B779920			
Dissolved Uranium (U)	ug/L	ND	0.0020	B779920			
Dissolved Vanadium (V)	ug/L	ND	0.20	B779920			
Dissolved Zinc (Zn)	ug/L	ND	0.10	B779920			
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B779920			
Total Metals by ICPMS							
Total Aluminum (Al)	ug/L	1.50	0.50	B778504	1.38	0.50	B778504
Total Antimony (Sb)	ug/L	ND	0.020	B778504	ND	0.020	B778504
Total Arsenic (As)	ug/L	ND	0.020	B778504	ND	0.020	B778504
Total Barium (Ba)	ug/L	ND	0.020	B778504	ND	0.020	B778504
Total Beryllium (Be)	ug/L	ND	0.010	B778504	ND	0.010	B778504
Total Bismuth (Bi)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504
Total Boron (B)	ug/L	ND	10	B778504	ND	10	B778504
Total Cadmium (Cd)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504
Total Cesium (Cs)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Chromium (Cr)	ug/L	ND	0.10	B778504	ND	0.10	B778504
Total Cobalt (Co)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504
Total Copper (Cu)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Iron (Fe)	ug/L	ND	1.0	B778504	ND	1.0	B778504
Total Lead (Pb)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504
Total Lithium (Li)	ug/L	ND	0.50	B778504	ND	0.50	B778504
Total Manganese (Mn)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Molybdenum (Mo)	ug/L	ND	0.050	B778504	ND	0.050	B778504

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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		DJE392			DJE392		
Sampling Date		2025/05/06			2025/05/06		
COC Number		104075			104075		
	UNITS	SQRI-DS FIELD BLANK	RDL	QC Batch	SQRI-DS FIELD BLANK Lab-Dup	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.031	0.020	B778504	0.031	0.020	B778504
Total Phosphorus (P)	ug/L	3.0	2.0	B778504	ND	2.0	B778504
Total Rubidium (Rb)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Selenium (Se)	ug/L	ND	0.040	B778504	ND	0.040	B778504
Total Silicon (Si)	ug/L	ND	50	B778504	ND	50	B778504
Total Silver (Ag)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504
Total Strontium (Sr)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Tellurium (Te)	ug/L	ND	0.020	B778504	ND	0.020	B778504
Total Thallium (Tl)	ug/L	ND	0.0020	B778504	ND	0.0020	B778504
Total Thorium (Th)	ug/L	ND	0.050	B778504	ND	0.050	B778504
Total Tin (Sn)	ug/L	ND	0.20	B778504	ND	0.20	B778504
Total Titanium (Ti)	ug/L	ND	0.50	B778504	ND	0.50	B778504
Total Uranium (U)	ug/L	ND	0.0020	B778504	ND	0.0020	B778504
Total Vanadium (V)	ug/L	ND	0.20	B778504	ND	0.20	B778504
Total Zinc (Zn)	ug/L	ND	0.10	B778504	ND	0.10	B778504
Total Zirconium (Zr)	ug/L	ND	0.10	B778504	ND	0.10	B778504
Total Calcium (Ca)	mg/L	ND	0.050	B776954			
Total Magnesium (Mg)	mg/L	ND	0.050	B776954			
Total Potassium (K)	mg/L	ND	0.050	B776954			
Total Sodium (Na)	mg/L	ND	0.050	B776954			
Total Sulphur (S)	mg/L	ND	3.0	B776954			

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE393			DJE393			DJE394		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch	WLNG-EOP DUPLICATE	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B777786				ND	0.010	B777786
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	ND	0.050	B776953				16.4	0.050	B776953
Dissolved Magnesium (Mg)	mg/L	ND	0.050	B776953				0.804	0.050	B776953
Dissolved Potassium (K)	mg/L	ND	0.050	B776953				1.61	0.050	B776953
Dissolved Sodium (Na)	mg/L	ND	0.050	B776953				4.71	0.050	B776953
Dissolved Sulphur (S)	mg/L	ND	3.0	B776953				ND	3.0	B776953
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	ND	0.50	B779920	ND	0.50	B779920	33.1	0.50	B779920
Dissolved Antimony (Sb)	ug/L	ND	0.020	B779920	ND	0.020	B779920	0.158	0.020	B779920
Dissolved Arsenic (As)	ug/L	ND	0.020	B779920	ND	0.020	B779920	0.633	0.020	B779920
Dissolved Barium (Ba)	ug/L	ND	0.020	B779920	ND	0.020	B779920	3.25	0.020	B779920
Dissolved Beryllium (Be)	ug/L	ND	0.010	B779920	ND	0.010	B779920	ND	0.010	B779920
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B779920	ND	0.0050	B779920	ND	0.0050	B779920
Dissolved Boron (B)	ug/L	ND	10	B779920	ND	10	B779920	13	10	B779920
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B779920	ND	0.0050	B779920	0.0378	0.0050	B779920
Dissolved Cesium (Cs)	ug/L	ND	0.050	B779920	ND	0.050	B779920	ND	0.050	B779920
Dissolved Chromium (Cr)	ug/L	ND	0.10	B779920	ND	0.10	B779920	ND	0.10	B779920
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B779920	ND	0.0050	B779920	0.0479	0.0050	B779920
Dissolved Copper (Cu)	ug/L	ND	0.050	B779920	ND	0.050	B779920	0.698	0.050	B779920
Dissolved Iron (Fe)	ug/L	ND	1.0	B779920	ND	1.0	B779920	ND	1.0	B779920
Dissolved Lead (Pb)	ug/L	ND	0.0050	B779920	ND	0.0050	B779920	0.0220	0.0050	B779920
Dissolved Lithium (Li)	ug/L	ND	0.50	B779920	ND	0.50	B779920	1.86	0.50	B779920
Dissolved Manganese (Mn)	ug/L	ND	0.050	B779920	0.054	0.050	B779920	18.3	0.050	B779920
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B779920	ND	0.050	B779920	13.6	0.050	B779920
Dissolved Nickel (Ni)	ug/L	ND	0.020	B779920	ND	0.020	B779920	0.135	0.020	B779920
Dissolved Phosphorus (P)	ug/L	ND	2.0	B779920	ND	2.0	B779920	ND	2.0	B779920
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B779920	ND	0.050	B779920	2.64	0.050	B779920
Dissolved Selenium (Se)	ug/L	ND	0.040	B779920	ND	0.040	B779920	0.045	0.040	B779920

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE393			DJE393			DJE394		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch	WLNG-EOP DUPLICATE	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	ND	50	B779920	ND	50	B779920	5360	50	B779920
Dissolved Silver (Ag)	ug/L	ND	0.0050	B779920	ND	0.0050	B779920	ND	0.0050	B779920
Dissolved Strontium (Sr)	ug/L	ND	0.050	B779920	ND	0.050	B779920	31.9	0.050	B779920
Dissolved Tellurium (Te)	ug/L	ND	0.020	B779920	ND	0.020	B779920	ND	0.020	B779920
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B779920	ND	0.0020	B779920	0.0126	0.0020	B779920
Dissolved Thorium (Th)	ug/L	ND	0.0050	B779920	0.0068	0.0050	B779920	0.0071	0.0050	B779920
Dissolved Tin (Sn)	ug/L	ND	0.20	B779920	ND	0.20	B779920	ND	0.20	B779920
Dissolved Titanium (Ti)	ug/L	ND	0.50	B779920	ND	0.50	B779920	ND	0.50	B779920
Dissolved Uranium (U)	ug/L	ND	0.0020	B779920	ND	0.0020	B779920	0.373	0.0020	B779920
Dissolved Vanadium (V)	ug/L	ND	0.20	B779920	ND	0.20	B779920	ND	0.20	B779920
Dissolved Zinc (Zn)	ug/L	ND	0.10	B779920	ND	0.10	B779920	2.90	0.10	B779920
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B779920	ND	0.10	B779920	ND	0.10	B779920
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	ND	0.50	B778504	ND	0.50	B778504	172	3.0	B779098
Total Antimony (Sb)	ug/L	ND	0.020	B778504	ND	0.020	B778504	0.175	0.020	B779098
Total Arsenic (As)	ug/L	ND	0.020	B778504	ND	0.020	B778504	0.800	0.020	B779098
Total Barium (Ba)	ug/L	ND	0.020	B778504	ND	0.020	B778504	4.77	0.050	B779098
Total Beryllium (Be)	ug/L	ND	0.010	B778504	ND	0.010	B778504	ND	0.010	B779098
Total Bismuth (Bi)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504	ND	0.010	B779098
Total Boron (B)	ug/L	ND	10	B778504	ND	10	B778504	14	10	B779098
Total Cadmium (Cd)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504	0.0553	0.0050	B779098
Total Cesium (Cs)	ug/L	ND	0.050	B778504	ND	0.050	B778504	ND	0.050	B779098
Total Chromium (Cr)	ug/L	ND	0.10	B778504	ND	0.10	B778504	0.16	0.10	B779098
Total Cobalt (Co)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504	0.063	0.010	B779098
Total Copper (Cu)	ug/L	ND	0.050	B778504	0.051	0.050	B778504	1.38	0.10	B779098
Total Iron (Fe)	ug/L	ND	1.0	B778504	ND	1.0	B778504	59.1	5.0	B779098
Total Lead (Pb)	ug/L	0.0059	0.0050	B778504	0.0071	0.0050	B778504	0.202	0.020	B779098
Total Lithium (Li)	ug/L	ND	0.50	B778504	ND	0.50	B778504	2.25	0.50	B779098
Total Manganese (Mn)	ug/L	ND	0.050	B778504	ND	0.050	B778504	25.7	0.10	B779098
Total Molybdenum (Mo)	ug/L	ND	0.050	B778504	ND	0.050	B778504	13.3	0.050	B779098

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ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DJE393			DJE393			DJE394		
Sampling Date		2025/05/06			2025/05/06			2025/05/06		
COC Number		104075			104075			104075		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch	WLNG-EOP DUPLICATE	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.045	0.020	B778504	0.036	0.020	B778504	0.22	0.10	B779098
Total Phosphorus (P)	ug/L	ND	2.0	B778504	2.4	2.0	B778504	10.8	5.0	B779098
Total Rubidium (Rb)	ug/L	ND	0.050	B778504	ND	0.050	B778504	3.06	0.050	B779098
Total Selenium (Se)	ug/L	ND	0.040	B778504	ND	0.040	B778504	0.048	0.040	B779098
Total Silicon (Si)	ug/L	ND	50	B778504	ND	50	B778504	5520	50	B779098
Total Silver (Ag)	ug/L	ND	0.0050	B778504	ND	0.0050	B778504	ND	0.010	B779098
Total Strontium (Sr)	ug/L	ND	0.050	B778504	ND	0.050	B778504	35.0	0.050	B779098
Total Tellurium (Te)	ug/L	ND	0.020	B778504	ND	0.020	B778504	ND	0.020	B779098
Total Thallium (Tl)	ug/L	ND	0.0020	B778504	0.0024	0.0020	B778504	0.0112	0.0020	B779098
Total Thorium (Th)	ug/L	ND	0.050	B778504	ND	0.050	B778504	ND	0.050	B779098
Total Tin (Sn)	ug/L	1.14	0.20	B778504	1.30	0.20	B778504	ND	0.20	B779098
Total Titanium (Ti)	ug/L	ND	0.50	B778504	ND	0.50	B778504	3.4	2.0	B779098
Total Uranium (U)	ug/L	ND	0.0020	B778504	ND	0.0020	B778504	0.575	0.0050	B779098
Total Vanadium (V)	ug/L	ND	0.20	B778504	ND	0.20	B778504	0.24	0.20	B779098
Total Zinc (Zn)	ug/L	1.04	0.10	B778504	1.12	0.10	B778504	4.1	1.0	B779098
Total Zirconium (Zr)	ug/L	ND	0.10	B778504	ND	0.10	B778504	ND	0.10	B779098
Total Calcium (Ca)	mg/L	ND	0.050	B776954				16.0	0.25	B776954
Total Magnesium (Mg)	mg/L	ND	0.050	B776954				0.86	0.25	B776954
Total Potassium (K)	mg/L	ND	0.050	B776954				1.58	0.25	B776954
Total Sodium (Na)	mg/L	ND	0.050	B776954				4.65	0.25	B776954
Total Sulphur (S)	mg/L	ND	3.0	B776954				ND	3.0	B776954

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

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MISCELLANEOUS (WATER)

Bureau Veritas ID		DJE387	DJE388	DJE389	DJE390	DJE391		
Sampling Date		2025/05/06	2025/05/06	2025/05/06	2025/05/06	2025/05/06		
COC Number		104075	104075	104075	104075	104075		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch
Calculated Parameters								
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	0.0050	B777390
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	0.0050	B777390

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

Bureau Veritas ID		DJE392	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	SQRI-DS FIELD BLANK	WLNG-EOP DUPLICATE	RDL	QC Batch
Calculated Parameters					
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	0.0050	B777390
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	0.0050	B777390

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

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

Bureau Veritas ID		DJE388	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	WLNG -EOP	WLNG-EOP DUPLICATE	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH`s	ug/L	ND	ND	0.10	B777113
High Molecular Weight PAH`s	ug/L	ND	ND	0.050	B777113
Total PAH	ug/L	ND	ND	0.10	B777113
Polycyclic Aromatics					
Quinoline	ug/L	ND	ND	0.020	B779870
Naphthalene	ug/L	ND	ND	0.10	B779870
1-Methylnaphthalene	ug/L	ND	ND	0.050	B779870
2-Methylnaphthalene	ug/L	ND	ND	0.10	B779870
Acenaphthylene	ug/L	ND	ND	0.050	B779870
Acenaphthene	ug/L	ND	ND	0.050	B779870
Fluorene	ug/L	ND	ND	0.050	B779870
Phenanthrene	ug/L	ND	ND	0.050	B779870
Anthracene	ug/L	ND	ND	0.010	B779870
Acridine	ug/L	ND	ND	0.050	B779870
Fluoranthene	ug/L	ND	ND	0.020	B779870
Pyrene	ug/L	ND	ND	0.020	B779870
Benzo(a)anthracene	ug/L	ND	ND	0.010	B779870
Chrysene	ug/L	ND	ND	0.020	B779870
Benzo(b&j)fluoranthene	ug/L	ND	ND	0.030	B779870
Benzo(k)fluoranthene	ug/L	ND	ND	0.050	B779870
Benzo(a)pyrene	ug/L	ND	ND	0.0050	B779870
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.050	B779870
Dibenz(a,h)anthracene	ug/L	ND	ND	0.0030	B779870
Benzo(g,h,i)perylene	ug/L	ND	ND	0.050	B779870
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	ND	ND	0.20	B777116
HEPH (C19-C32 less PAH)	mg/L	ND	ND	0.20	B777116
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	ND	ND	0.20	B779878
EPH (C19-C32)	mg/L	ND	ND	0.20	B779878

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

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

Bureau Veritas ID		DJE388	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	WLNG -EOP	WLNG-EOP DUPLICATE	RDL	QC Batch
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	102	105		B779878
D10-ANTHRACENE (sur.)	%	90	92		B779870
D8-ACENAPHTHYLENE (sur.)	%	83	85		B779870
D8-NAPHTHALENE (sur.)	%	74	89		B779870
TERPHENYL-D14 (sur.)	%	92	97		B779870
RDL = Reportable Detection Limit					

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DJE388	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	WLNG -EOP	WLNG-EOP DUPLICATE	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	B777428
Volatiles					
VH C6-C10	ug/L	ND	ND	300	B779273
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	B779273
1,1,1-trichloroethane	ug/L	ND	ND	0.50	B779273
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	B779273
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	B779273
1,1,2-trichloroethane	ug/L	ND	ND	0.50	B779273
1,1-dichloroethane	ug/L	ND	ND	0.50	B779273
1,1-dichloroethene	ug/L	ND	ND	0.50	B779273
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	B779273
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	B779273
1,2-dibromoethane	ug/L	ND	ND	0.20	B779273
1,2-dichlorobenzene	ug/L	ND	ND	0.50	B779273
1,2-dichloroethane	ug/L	ND	ND	0.50	B779273
1,2-dichloropropane	ug/L	ND	ND	0.50	B779273
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	B779273
1,3-Butadiene	ug/L	ND	ND	0.50	B779273
1,3-dichlorobenzene	ug/L	ND	ND	0.50	B779273
1,3-dichloropropane	ug/L	ND	ND	1.0	B779273
1,4-dichlorobenzene	ug/L	ND	ND	0.50	B779273
Benzene	ug/L	ND	ND	0.40	B779273
Bromobenzene	ug/L	ND	ND	2.0	B779273
Bromodichloromethane	ug/L	ND	ND	1.0	B779273
Bromoform	ug/L	ND	ND	1.0	B779273
Bromomethane	ug/L	ND	ND	1.0	B779273
Carbon tetrachloride	ug/L	ND	ND	0.50	B779273
Chlorobenzene	ug/L	ND	ND	0.50	B779273
Dibromochloromethane	ug/L	ND	ND	1.0	B779273
Chloroethane	ug/L	ND	ND	1.0	B779273
Chloroform	ug/L	ND	ND	1.0	B779273

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

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DJE388	DJE394		
Sampling Date		2025/05/06	2025/05/06		
COC Number		104075	104075		
	UNITS	WLNG -EOP	WLNG-EOP DUPLICATE	RDL	QC Batch
Chloromethane	ug/L	ND	ND	1.0	B779273
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	B779273
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	B779273
Dichlorodifluoromethane	ug/L	ND	ND	2.0	B779273
Dichloromethane	ug/L	ND	ND	2.0	B779273
Ethylbenzene	ug/L	ND	ND	0.40	B779273
Hexachlorobutadiene	ug/L	ND	ND	0.50	B779273
Isopropylbenzene	ug/L	ND	ND	2.0	B779273
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	B779273
Styrene	ug/L	1.1	1.1	0.50	B779273
Tetrachloroethene	ug/L	ND	ND	0.50	B779273
Toluene	ug/L	ND	ND	0.40	B779273
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	B779273
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	B779273
Trichloroethene	ug/L	ND	ND	0.50	B779273
Trichlorofluoromethane	ug/L	ND	ND	4.0	B779273
Vinyl chloride	ug/L	ND	ND	0.50	B779273
m & p-Xylene	ug/L	ND	ND	0.40	B779273
o-Xylene	ug/L	ND	ND	0.40	B779273
Xylenes (Total)	ug/L	ND	ND	0.40	B779273
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	108	108		B779273
4-Bromofluorobenzene (sur.)	%	82	81		B779273
D4-1,2-Dichloroethane (sur.)	%	106	105		B779273

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

GENERAL COMMENTS

Results relate only to the items tested.

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QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B777361	TSO	Matrix Spike	Total Ammonia (N)	2025/05/07		107	%	80 - 120
B777361	TSO	Spiked Blank	Total Ammonia (N)	2025/05/07		102	%	80 - 120
B777361	TSO	Method Blank	Total Ammonia (N)	2025/05/07	ND, RDL=0.015		mg/L	
B777361	TSO	RPD	Total Ammonia (N)	2025/05/07	NC		%	20
B777786	AD5	Matrix Spike	Bromide (Br)	2025/05/07		100	%	78 - 120
B777786	AD5	Spiked Blank	Bromide (Br)	2025/05/07		97	%	80 - 120
B777786	AD5	Method Blank	Bromide (Br)	2025/05/07	ND, RDL=0.010		mg/L	
B777786	AD5	RPD	Bromide (Br)	2025/05/07	NC		%	20
B777923	BB3	Spiked Blank	pH	2025/05/08		100	%	97 - 103
B777923	BB3	RPD	pH	2025/05/08	0.72		%	N/A
B777927	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/08		97	%	80 - 120
B777927	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/08	ND, RDL=1.0		mg/L	
B777927	BB3	RPD	Alkalinity (PP as CaCO3)	2025/05/08	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/08	18		%	20
			Bicarbonate (HCO3)	2025/05/08	18		%	20
			Carbonate (CO3)	2025/05/08	NC		%	20
			Hydroxide (OH)	2025/05/08	NC		%	20
B777930	BB3	Spiked Blank	pH	2025/05/08		100	%	97 - 103
B777930	BB3	RPD [DJE391-02]	pH	2025/05/08	0.28		%	N/A
B777930	BB3	RPD	pH	2025/05/08	0.094		%	N/A
B777931	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/05/08		96	%	80 - 120
B777931	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/05/08	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/05/08	ND, RDL=1.0		mg/L	
B777931	BB3	RPD [DJE391-02]	Alkalinity (PP as CaCO3)	2025/05/08	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/08	0.53		%	20
			Bicarbonate (HCO3)	2025/05/08	0.53		%	20
			Carbonate (CO3)	2025/05/08	NC		%	20
			Hydroxide (OH)	2025/05/08	NC		%	20
B777931	BB3	RPD	Alkalinity (PP as CaCO3)	2025/05/08	NC		%	20
			Alkalinity (Total as CaCO3)	2025/05/08	1.3		%	20
			Bicarbonate (HCO3)	2025/05/08	1.3		%	20
			Carbonate (CO3)	2025/05/08	NC		%	20
			Hydroxide (OH)	2025/05/08	NC		%	20
B778504	AA1	Matrix Spike	Total Aluminum (Al)	2025/05/09		99	%	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
			Total Antimony (Sb)	2025/05/09		97	%	80 - 120
			Total Arsenic (As)	2025/05/09		104	%	80 - 120
			Total Barium (Ba)	2025/05/09		NC	%	80 - 120
			Total Beryllium (Be)	2025/05/09		95	%	80 - 120
			Total Bismuth (Bi)	2025/05/09		94	%	80 - 120
			Total Boron (B)	2025/05/09		102	%	80 - 120
			Total Cadmium (Cd)	2025/05/09		97	%	80 - 120
			Total Cesium (Cs)	2025/05/09		103	%	80 - 120
			Total Chromium (Cr)	2025/05/09		96	%	80 - 120
			Total Cobalt (Co)	2025/05/09		93	%	80 - 120
			Total Copper (Cu)	2025/05/09		91	%	80 - 120
			Total Iron (Fe)	2025/05/09		NC	%	80 - 120
			Total Lead (Pb)	2025/05/09		96	%	80 - 120
			Total Lithium (Li)	2025/05/09		96	%	80 - 120
			Total Manganese (Mn)	2025/05/09		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/05/09		104	%	80 - 120
			Total Nickel (Ni)	2025/05/09		91	%	80 - 120
			Total Phosphorus (P)	2025/05/09		107	%	80 - 120
			Total Rubidium (Rb)	2025/05/09		102	%	80 - 120
			Total Selenium (Se)	2025/05/09		99	%	80 - 120
			Total Silicon (Si)	2025/05/09		NC	%	80 - 120
			Total Silver (Ag)	2025/05/09		99	%	80 - 120
			Total Strontium (Sr)	2025/05/09		NC	%	80 - 120
			Total Tellurium (Te)	2025/05/09		94	%	80 - 120
			Total Thallium (Tl)	2025/05/09		97	%	80 - 120
			Total Thorium (Th)	2025/05/09		106	%	80 - 120
			Total Tin (Sn)	2025/05/09		99	%	80 - 120
			Total Titanium (Ti)	2025/05/09		98	%	80 - 120
			Total Uranium (U)	2025/05/09		92	%	80 - 120
			Total Vanadium (V)	2025/05/09		99	%	80 - 120
			Total Zinc (Zn)	2025/05/09		89	%	80 - 120
			Total Zirconium (Zr)	2025/05/09		114	%	80 - 120
B778504	AA1	Spiked Blank	Total Aluminum (Al)	2025/05/09		100	%	80 - 120
			Total Antimony (Sb)	2025/05/09		98	%	80 - 120
			Total Arsenic (As)	2025/05/09		102	%	80 - 120
			Total Barium (Ba)	2025/05/09		99	%	80 - 120
			Total Beryllium (Be)	2025/05/09		105	%	80 - 120
			Total Bismuth (Bi)	2025/05/09		97	%	80 - 120
			Total Boron (B)	2025/05/09		108	%	80 - 120
			Total Cadmium (Cd)	2025/05/09		98	%	80 - 120
			Total Cesium (Cs)	2025/05/09		104	%	80 - 120
			Total Chromium (Cr)	2025/05/09		98	%	80 - 120
			Total Cobalt (Co)	2025/05/09		97	%	80 - 120
			Total Copper (Cu)	2025/05/09		97	%	80 - 120
			Total Iron (Fe)	2025/05/09		98	%	80 - 120
			Total Lead (Pb)	2025/05/09		97	%	80 - 120
			Total Lithium (Li)	2025/05/09		103	%	80 - 120
			Total Manganese (Mn)	2025/05/09		99	%	80 - 120
			Total Molybdenum (Mo)	2025/05/09		97	%	80 - 120
			Total Nickel (Ni)	2025/05/09		96	%	80 - 120
			Total Phosphorus (P)	2025/05/09		102	%	80 - 120
			Total Rubidium (Rb)	2025/05/09		100	%	80 - 120
			Total Selenium (Se)	2025/05/09		99	%	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
			Total Silicon (Si)	2025/05/09		103	%	80 - 120
			Total Silver (Ag)	2025/05/09		98	%	80 - 120
			Total Strontium (Sr)	2025/05/09		101	%	80 - 120
			Total Tellurium (Te)	2025/05/09		106	%	80 - 120
			Total Thallium (Tl)	2025/05/09		97	%	80 - 120
			Total Thorium (Th)	2025/05/09		104	%	80 - 120
			Total Tin (Sn)	2025/05/09		97	%	80 - 120
			Total Titanium (Ti)	2025/05/09		99	%	80 - 120
			Total Uranium (U)	2025/05/09		92	%	80 - 120
			Total Vanadium (V)	2025/05/09		99	%	80 - 120
			Total Zinc (Zn)	2025/05/09		99	%	80 - 120
			Total Zirconium (Zr)	2025/05/09		98	%	80 - 120
B778504	AA1	Method Blank	Total Aluminum (Al)	2025/05/09	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/05/09	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/09	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/09	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/05/09	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/09	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/05/09	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/09	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/09	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/05/09	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/05/09	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/05/09	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/05/09	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/09	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/05/09	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/05/09	ND, RDL=0.040		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
			Total Silicon (Si)	2025/05/09	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/09	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/09	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/09	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/09	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/09	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/09	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/05/09	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/05/09	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/09	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/05/09	ND, RDL=0.10		ug/L	
B778504	AA1	RPD [DJE392-07]	Total Aluminum (Al)	2025/05/09	8.3		%	20
			Total Antimony (Sb)	2025/05/09	NC		%	20
			Total Arsenic (As)	2025/05/09	NC		%	20
			Total Barium (Ba)	2025/05/09	NC		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	NC		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	NC		%	20
			Total Cesium (Cs)	2025/05/09	NC		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	NC		%	20
			Total Copper (Cu)	2025/05/09	NC		%	20
			Total Iron (Fe)	2025/05/09	NC		%	20
			Total Lead (Pb)	2025/05/09	NC		%	20
			Total Lithium (Li)	2025/05/09	NC		%	20
			Total Manganese (Mn)	2025/05/09	NC		%	20
			Total Molybdenum (Mo)	2025/05/09	NC		%	20
			Total Nickel (Ni)	2025/05/09	0.32		%	20
			Total Phosphorus (P)	2025/05/09	NC		%	20
			Total Rubidium (Rb)	2025/05/09	NC		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	NC		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	NC		%	20
			Total Tellurium (Te)	2025/05/09	NC		%	20
			Total Thallium (Tl)	2025/05/09	NC		%	20
			Total Thorium (Th)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	NC		%	20
			Total Titanium (Ti)	2025/05/09	NC		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Uranium (U)	2025/05/09	NC		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	NC		%	20
			Total Zirconium (Zr)	2025/05/09	NC		%	20
B778504	AA1	RPD [DJE393-07]	Total Aluminum (Al)	2025/05/09	NC		%	20
			Total Antimony (Sb)	2025/05/09	NC		%	20
			Total Arsenic (As)	2025/05/09	NC		%	20
			Total Barium (Ba)	2025/05/09	NC		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	NC		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	NC		%	20
			Total Cesium (Cs)	2025/05/09	NC		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	NC		%	20
			Total Copper (Cu)	2025/05/09	2.2		%	20
			Total Iron (Fe)	2025/05/09	NC		%	20
			Total Lead (Pb)	2025/05/09	18		%	20
			Total Lithium (Li)	2025/05/09	NC		%	20
			Total Manganese (Mn)	2025/05/09	NC		%	20
			Total Molybdenum (Mo)	2025/05/09	NC		%	20
			Total Nickel (Ni)	2025/05/09	NC		%	20
			Total Phosphorus (P)	2025/05/09	17		%	20
			Total Rubidium (Rb)	2025/05/09	NC		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	NC		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	NC		%	20
			Total Tellurium (Te)	2025/05/09	NC		%	20
			Total Thallium (Tl)	2025/05/09	18		%	20
			Total Thorium (Th)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	13		%	20
			Total Titanium (Ti)	2025/05/09	NC		%	20
			Total Uranium (U)	2025/05/09	NC		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	7.3		%	20
			Total Zirconium (Zr)	2025/05/09	NC		%	20
B778504	AA1	RPD	Total Aluminum (Al)	2025/05/09	NC		%	20
			Total Antimony (Sb)	2025/05/09	NC		%	20
			Total Arsenic (As)	2025/05/09	NC		%	20
			Total Barium (Ba)	2025/05/09	NC		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	NC		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	NC		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	NC		%	20
			Total Copper (Cu)	2025/05/09	NC		%	20
			Total Iron (Fe)	2025/05/09	NC		%	20
			Total Lead (Pb)	2025/05/09	NC		%	20
			Total Lithium (Li)	2025/05/09	NC		%	20
			Total Manganese (Mn)	2025/05/09	NC		%	20
			Total Molybdenum (Mo)	2025/05/09	NC		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Nickel (Ni)	2025/05/09	NC		%	20
			Total Phosphorus (P)	2025/05/09	NC		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	NC		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	NC		%	20
			Total Thallium (Tl)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	NC		%	20
			Total Titanium (Ti)	2025/05/09	NC		%	20
			Total Uranium (U)	2025/05/09	NC		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	NC		%	20
			Total Zirconium (Zr)	2025/05/09	NC		%	20
			Total Aluminum (Al)	2025/05/09	NC		%	20
			Total Antimony (Sb)	2025/05/09	NC		%	20
			Total Arsenic (As)	2025/05/09	NC		%	20
			Total Barium (Ba)	2025/05/09	NC		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	NC		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	NC		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	NC		%	20
			Total Copper (Cu)	2025/05/09	NC		%	20
			Total Iron (Fe)	2025/05/09	NC		%	20
			Total Lead (Pb)	2025/05/09	NC		%	20
			Total Lithium (Li)	2025/05/09	NC		%	20
			Total Manganese (Mn)	2025/05/09	NC		%	20
			Total Molybdenum (Mo)	2025/05/09	NC		%	20
			Total Nickel (Ni)	2025/05/09	NC		%	20
			Total Phosphorus (P)	2025/05/09	NC		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	NC		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	NC		%	20
			Total Thallium (Tl)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	NC		%	20
			Total Titanium (Ti)	2025/05/09	NC		%	20
			Total Uranium (U)	2025/05/09	NC		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	NC		%	20
			Total Zirconium (Zr)	2025/05/09	NC		%	20
			Total Aluminum (Al)	2025/05/09	NC		%	20
			Total Antimony (Sb)	2025/05/09	NC		%	20
			Total Arsenic (As)	2025/05/09	NC		%	20
			Total Barium (Ba)	2025/05/09	NC		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	NC		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	NC		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	NC		%	20
			Total Copper (Cu)	2025/05/09	NC		%	20

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			Total Iron (Fe)	2025/05/09	NC		%	20
			Total Lead (Pb)	2025/05/09	NC		%	20
			Total Lithium (Li)	2025/05/09	NC		%	20
			Total Manganese (Mn)	2025/05/09	NC		%	20
			Total Molybdenum (Mo)	2025/05/09	NC		%	20
			Total Nickel (Ni)	2025/05/09	NC		%	20
			Total Phosphorus (P)	2025/05/09	1.0		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	NC		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	NC		%	20
			Total Thallium (Tl)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	NC		%	20
			Total Titanium (Ti)	2025/05/09	NC		%	20
			Total Uranium (U)	2025/05/09	NC		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	NC		%	20
			Total Zirconium (Zr)	2025/05/09	NC		%	20
			Total Aluminum (Al)	2025/05/09	4.4		%	20
			Total Antimony (Sb)	2025/05/09	4.3		%	20
			Total Arsenic (As)	2025/05/09	0.98		%	20
			Total Barium (Ba)	2025/05/09	2.3		%	20
			Total Beryllium (Be)	2025/05/09	NC		%	20
			Total Bismuth (Bi)	2025/05/09	3.2		%	20
			Total Boron (B)	2025/05/09	NC		%	20
			Total Cadmium (Cd)	2025/05/09	0		%	20
			Total Chromium (Cr)	2025/05/09	NC		%	20
			Total Cobalt (Co)	2025/05/09	1.2		%	20
			Total Copper (Cu)	2025/05/09	6.3		%	20
			Total Iron (Fe)	2025/05/09	0.38		%	20
			Total Lead (Pb)	2025/05/09	4.7		%	20
			Total Lithium (Li)	2025/05/09	4.2		%	20
			Total Manganese (Mn)	2025/05/09	0.65		%	20
			Total Molybdenum (Mo)	2025/05/09	1.4		%	20
			Total Nickel (Ni)	2025/05/09	0.88		%	20
			Total Phosphorus (P)	2025/05/09	0.73		%	20
			Total Selenium (Se)	2025/05/09	NC		%	20
			Total Silicon (Si)	2025/05/09	0.016		%	20
			Total Silver (Ag)	2025/05/09	NC		%	20
			Total Strontium (Sr)	2025/05/09	1.0		%	20
			Total Thallium (Tl)	2025/05/09	NC		%	20
			Total Tin (Sn)	2025/05/09	NC		%	20
			Total Titanium (Ti)	2025/05/09	0.55		%	20
			Total Uranium (U)	2025/05/09	0.83		%	20
			Total Vanadium (V)	2025/05/09	NC		%	20
			Total Zinc (Zn)	2025/05/09	2.8		%	20
			Total Zirconium (Zr)	2025/05/09	0.36		%	20
B778588	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/05/08		NC	%	80 - 120
B778588	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/05/08		108	%	80 - 120
B778588	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/05/08	ND, RDL=0.020		mg/L	
B778588	C2L	RPD	Nitrate plus Nitrite (N)	2025/05/08	0.43		%	25
B778593	C2L	Matrix Spike	Nitrite (N)	2025/05/08		105	%	80 - 120

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B778593	C2L	Spiked Blank	Nitrite (N)	2025/05/08		102	%	80 - 120
B778593	C2L	Method Blank	Nitrite (N)	2025/05/08	ND, RDL=0.0050		mg/L	
B778593	C2L	RPD	Nitrite (N)	2025/05/08	0.035		%	20
B778613	TSO	Matrix Spike [DJE392-05]	Total Nitrogen (N)	2025/05/09		102	%	80 - 120
B778613	TSO	Spiked Blank	Total Nitrogen (N)	2025/05/09		102	%	80 - 120
B778613	TSO	Method Blank	Total Nitrogen (N)	2025/05/09	ND, RDL=0.020		mg/L	
B778613	TSO	RPD [DJE392-05]	Total Nitrogen (N)	2025/05/09	6.4		%	20
B778775	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/05/08		93	%	80 - 120
B778775	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/05/08		99	%	80 - 120
B778775	CJY	Method Blank	Dissolved Fluoride (F)	2025/05/08	ND, RDL=0.050		mg/L	
B778775	CJY	RPD	Dissolved Fluoride (F)	2025/05/08	NC		%	20
B778819	BTM	Matrix Spike	Total Dissolved Solids	2025/05/09		113	%	80 - 120
B778819	BTM	Spiked Blank	Total Dissolved Solids	2025/05/09		103	%	80 - 120
B778819	BTM	Method Blank	Total Dissolved Solids	2025/05/09	ND, RDL=10		mg/L	
B778819	BTM	RPD [DJE387-03]	Total Dissolved Solids	2025/05/09	7.8		%	20
B779098	AA1	Matrix Spike [DJE390-07]	Total Aluminum (Al)	2025/05/10		119	%	80 - 120
			Total Antimony (Sb)	2025/05/10		101	%	80 - 120
			Total Arsenic (As)	2025/05/10		105	%	80 - 120
			Total Barium (Ba)	2025/05/10		101	%	80 - 120
			Total Beryllium (Be)	2025/05/10		109	%	80 - 120
			Total Bismuth (Bi)	2025/05/10		102	%	80 - 120
			Total Boron (B)	2025/05/10		119	%	80 - 120
			Total Cadmium (Cd)	2025/05/10		103	%	80 - 120
			Total Cesium (Cs)	2025/05/10		107	%	80 - 120
			Total Chromium (Cr)	2025/05/10		101	%	80 - 120
			Total Cobalt (Co)	2025/05/10		100	%	80 - 120
			Total Copper (Cu)	2025/05/10		99	%	80 - 120
			Total Iron (Fe)	2025/05/10		104	%	80 - 120
			Total Lead (Pb)	2025/05/10		101	%	80 - 120
			Total Lithium (Li)	2025/05/10		104	%	80 - 120
			Total Manganese (Mn)	2025/05/10		103	%	80 - 120
			Total Molybdenum (Mo)	2025/05/10		100	%	80 - 120
			Total Nickel (Ni)	2025/05/10		99	%	80 - 120
			Total Phosphorus (P)	2025/05/10		109	%	80 - 120
			Total Rubidium (Rb)	2025/05/10		105	%	80 - 120
			Total Selenium (Se)	2025/05/10		101	%	80 - 120
			Total Silicon (Si)	2025/05/10		104	%	80 - 120
			Total Silver (Ag)	2025/05/10		100	%	80 - 120
			Total Strontium (Sr)	2025/05/10		107	%	80 - 120
			Total Tellurium (Te)	2025/05/10		102	%	80 - 120
			Total Thallium (Tl)	2025/05/10		101	%	80 - 120
			Total Thorium (Th)	2025/05/10		111	%	80 - 120
			Total Tin (Sn)	2025/05/10		98	%	80 - 120
			Total Titanium (Ti)	2025/05/10		103	%	80 - 120
			Total Uranium (U)	2025/05/10		95	%	80 - 120
			Total Vanadium (V)	2025/05/10		102	%	80 - 120
			Total Zinc (Zn)	2025/05/10		103	%	80 - 120
			Total Zirconium (Zr)	2025/05/10		104	%	80 - 120
B779098	AA1	Spiked Blank	Total Aluminum (Al)	2025/05/10		107	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Antimony (Sb)	2025/05/10		102	%	80 - 120
			Total Arsenic (As)	2025/05/10		105	%	80 - 120
			Total Barium (Ba)	2025/05/10		103	%	80 - 120
			Total Beryllium (Be)	2025/05/10		108	%	80 - 120
			Total Bismuth (Bi)	2025/05/10		103	%	80 - 120
			Total Boron (B)	2025/05/10		118	%	80 - 120
			Total Cadmium (Cd)	2025/05/10		103	%	80 - 120
			Total Cesium (Cs)	2025/05/10		110	%	80 - 120
			Total Chromium (Cr)	2025/05/10		103	%	80 - 120
			Total Cobalt (Co)	2025/05/10		101	%	80 - 120
			Total Copper (Cu)	2025/05/10		100	%	80 - 120
			Total Iron (Fe)	2025/05/10		100	%	80 - 120
			Total Lead (Pb)	2025/05/10		103	%	80 - 120
			Total Lithium (Li)	2025/05/10		109	%	80 - 120
			Total Manganese (Mn)	2025/05/10		103	%	80 - 120
			Total Molybdenum (Mo)	2025/05/10		101	%	80 - 120
			Total Nickel (Ni)	2025/05/10		101	%	80 - 120
			Total Phosphorus (P)	2025/05/10		108	%	80 - 120
			Total Rubidium (Rb)	2025/05/10		105	%	80 - 120
			Total Selenium (Se)	2025/05/10		99	%	80 - 120
			Total Silicon (Si)	2025/05/10		102	%	80 - 120
			Total Silver (Ag)	2025/05/10		103	%	80 - 120
			Total Strontium (Sr)	2025/05/10		108	%	80 - 120
			Total Tellurium (Te)	2025/05/10		109	%	80 - 120
			Total Thallium (Tl)	2025/05/10		103	%	80 - 120
			Total Thorium (Th)	2025/05/10		112	%	80 - 120
			Total Tin (Sn)	2025/05/10		99	%	80 - 120
			Total Titanium (Ti)	2025/05/10		102	%	80 - 120
			Total Uranium (U)	2025/05/10		98	%	80 - 120
			Total Vanadium (V)	2025/05/10		102	%	80 - 120
			Total Zinc (Zn)	2025/05/10		101	%	80 - 120
			Total Zirconium (Zr)	2025/05/10		102	%	80 - 120
B779098	AA1	Method Blank	Total Aluminum (Al)	2025/05/10	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/05/10	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/05/10	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/05/10	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/05/10	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/05/10	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/05/10	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/05/10	ND, RDL=0.10		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
			Total Cobalt (Co)	2025/05/10	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/05/10	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/05/10	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/05/10	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/05/10	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/05/10	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/05/10	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/05/10	7.2, RDL=5.0 (1)		ug/L	
			Total Rubidium (Rb)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/05/10	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/05/10	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/05/10	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/05/10	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/05/10	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/05/10	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/05/10	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/05/10	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/05/10	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/05/10	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/05/10	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/05/10	ND, RDL=0.10		ug/L	
B779098	AA1	RPD [DJE387-07]	Total Aluminum (Al)	2025/05/10	3.8		%	20
			Total Antimony (Sb)	2025/05/10	11		%	20
			Total Arsenic (As)	2025/05/10	4.3		%	20
			Total Barium (Ba)	2025/05/10	4.0		%	20
			Total Beryllium (Be)	2025/05/10	NC		%	20
			Total Bismuth (Bi)	2025/05/10	NC		%	20
			Total Boron (B)	2025/05/10	4.5		%	20
			Total Cadmium (Cd)	2025/05/10	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 Cesium (Cs)	2025/05/10	NC		%	20
			Total Chromium (Cr)	2025/05/10	NC		%	20
			Total Cobalt (Co)	2025/05/10	4.8		%	20
			Total Copper (Cu)	2025/05/10	5.2		%	20
			Total Iron (Fe)	2025/05/10	8.8		%	20
			Total Lead (Pb)	2025/05/10	10		%	20
			Total Lithium (Li)	2025/05/10	3.4		%	20
			Total Manganese (Mn)	2025/05/10	2.0		%	20
			Total Molybdenum (Mo)	2025/05/10	0.51		%	20
			Total Nickel (Ni)	2025/05/10	9.2		%	20
			Total Phosphorus (P)	2025/05/10	12		%	20
			Total Rubidium (Rb)	2025/05/10	1.9		%	20
			Total Selenium (Se)	2025/05/10	NC		%	20
			Total Silicon (Si)	2025/05/10	1.7		%	20
			Total Silver (Ag)	2025/05/10	NC		%	20
			Total Strontium (Sr)	2025/05/10	2.4		%	20
			Total Tellurium (Te)	2025/05/10	NC		%	20
			Total Thallium (Tl)	2025/05/10	0		%	20
			Total Thorium (Th)	2025/05/10	NC		%	20
			Total Tin (Sn)	2025/05/10	NC		%	20
			Total Titanium (Ti)	2025/05/10	NC		%	20
			Total Uranium (U)	2025/05/10	1.6		%	20
			Total Vanadium (V)	2025/05/10	9.3		%	20
			Total Zinc (Zn)	2025/05/10	2.7		%	20
			Total Zirconium (Zr)	2025/05/10	NC		%	20
B779273	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/05/08		93	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/08		92	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/08		93	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/05/08		75	%	50 - 140
			1,1,1-trichloroethane	2025/05/08		80	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/05/08		83	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/08		85	%	50 - 140
			1,1,2-trichloroethane	2025/05/08		79	%	50 - 140
			1,1-dichloroethane	2025/05/08		82	%	50 - 140
			1,1-dichloroethene	2025/05/08		91	%	50 - 140
			1,2,3-trichlorobenzene	2025/05/08		104	%	50 - 140
			1,2,4-trichlorobenzene	2025/05/08		109	%	50 - 140
			1,2-dibromoethane	2025/05/08		81	%	50 - 140
			1,2-dichlorobenzene	2025/05/08		97	%	50 - 140
			1,2-dichloroethane	2025/05/08		83	%	50 - 140
			1,2-dichloropropane	2025/05/08		84	%	50 - 140
			1,3,5-trimethylbenzene	2025/05/08		106	%	50 - 140
			1,3-Butadiene	2025/05/08		58	%	50 - 140
			1,3-dichlorobenzene	2025/05/08		99	%	50 - 140
			1,3-dichloropropane	2025/05/08		84	%	50 - 140
			1,4-dichlorobenzene	2025/05/08		86	%	50 - 140
			Benzene	2025/05/08		91	%	50 - 140
			Bromobenzene	2025/05/08		92	%	50 - 140
			Bromodichloromethane	2025/05/08		82	%	50 - 140
			Bromoform	2025/05/08		80	%	50 - 140
			Bromomethane	2025/05/08		71	%	50 - 140
			Carbon tetrachloride	2025/05/08		79	%	50 - 140
			Chlorobenzene	2025/05/08		85	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dibromochloromethane	2025/05/08		77	%	50 - 140
			Chloroethane	2025/05/08		94	%	50 - 140
			Chloroform	2025/05/08		81	%	50 - 140
			Chloromethane	2025/05/08		90	%	50 - 140
			cis-1,2-dichloroethene	2025/05/08		90	%	50 - 140
			cis-1,3-dichloropropene	2025/05/08		73	%	50 - 140
			Dichlorodifluoromethane	2025/05/08		98	%	50 - 140
			Dichloromethane	2025/05/08		116	%	50 - 140
			Ethylbenzene	2025/05/08		NC	%	50 - 140
			Hexachlorobutadiene	2025/05/08		103	%	50 - 140
			Isopropylbenzene	2025/05/08		111	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/05/08		93	%	50 - 140
			Styrene	2025/05/08		72	%	50 - 140
			Tetrachloroethene	2025/05/08		84	%	50 - 140
			Toluene	2025/05/08		86	%	50 - 140
			trans-1,2-dichloroethene	2025/05/08		91	%	50 - 140
			trans-1,3-dichloropropene	2025/05/08		72	%	50 - 140
			Trichloroethene	2025/05/08		87	%	50 - 140
			Trichlorofluoromethane	2025/05/08		80	%	50 - 140
			Vinyl chloride	2025/05/08		77	%	50 - 140
			m & p-Xylene	2025/05/08		84	%	50 - 140
			o-Xylene	2025/05/08		74	%	50 - 140
B779273	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/05/08		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/08		103	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/08		103	%	50 - 140
			VH C6-C10	2025/05/08		85	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/05/08		86	%	60 - 130
			1,1,1-trichloroethane	2025/05/08		90	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/05/08		87	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/08		99	%	60 - 130
			1,1,2-trichloroethane	2025/05/08		86	%	60 - 130
			1,1-dichloroethane	2025/05/08		92	%	60 - 130
			1,1-dichloroethene	2025/05/08		106	%	60 - 130
			1,2,3-trichlorobenzene	2025/05/08		103	%	60 - 130
			1,2,4-trichlorobenzene	2025/05/08		97	%	60 - 130
			1,2-dibromoethane	2025/05/08		88	%	60 - 130
			1,2-dichlorobenzene	2025/05/08		102	%	60 - 130
			1,2-dichloroethane	2025/05/08		89	%	60 - 130
			1,2-dichloropropane	2025/05/08		92	%	60 - 130
			1,3,5-trimethylbenzene	2025/05/08		113	%	60 - 130
			1,3-Butadiene	2025/05/08		68	%	50 - 140
			1,3-dichlorobenzene	2025/05/08		106	%	60 - 130
			1,3-dichloropropane	2025/05/08		92	%	60 - 130
			1,4-dichlorobenzene	2025/05/08		92	%	60 - 130
			Benzene	2025/05/08		101	%	60 - 130
			Bromobenzene	2025/05/08		97	%	60 - 130
			Bromodichloromethane	2025/05/08		87	%	60 - 130
			Bromoform	2025/05/08		85	%	60 - 130
			Bromomethane	2025/05/08		76	%	50 - 140
			Carbon tetrachloride	2025/05/08		92	%	60 - 130
			Chlorobenzene	2025/05/08		94	%	60 - 130
			Dibromochloromethane	2025/05/08		85	%	60 - 130
			Chloroethane	2025/05/08		74	%	50 - 140

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Chloroform	2025/05/08		92	%	60 - 130
			Chloromethane	2025/05/08		103	%	50 - 140
			cis-1,2-dichloroethene	2025/05/08		98	%	60 - 130
			cis-1,3-dichloropropene	2025/05/08		73	%	50 - 140
			Dichlorodifluoromethane	2025/05/08		112	%	50 - 140
			Dichloromethane	2025/05/08		99	%	60 - 130
			Ethylbenzene	2025/05/08		90	%	60 - 130
			Hexachlorobutadiene	2025/05/08		109	%	60 - 130
			Isopropylbenzene	2025/05/08		103	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/05/08		106	%	60 - 130
			Styrene	2025/05/08		81	%	60 - 130
			Tetrachloroethene	2025/05/08		95	%	60 - 130
			Toluene	2025/05/08		89	%	60 - 130
			trans-1,2-dichloroethene	2025/05/08		105	%	60 - 130
			trans-1,3-dichloropropene	2025/05/08		74	%	50 - 140
			Trichloroethene	2025/05/08		97	%	60 - 130
			Trichlorofluoromethane	2025/05/08		94	%	60 - 130
			Vinyl chloride	2025/05/08		89	%	50 - 140
			m & p-Xylene	2025/05/08		93	%	60 - 130
			o-Xylene	2025/05/08		90	%	60 - 130
B779273	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/05/09		107	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/05/09		83	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/05/09		101	%	50 - 140
			VH C6-C10	2025/05/09	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/05/09	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/05/09	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/05/09	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/05/09	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/05/09	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/05/09	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/05/09	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/05/09	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/05/09	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
			1,3-Butadiene	2025/05/09	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/05/09	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/05/09	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/05/09	ND, RDL=0.50		ug/L	
			Benzene	2025/05/09	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/05/09	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/05/09	ND, RDL=1.0		ug/L	
			Bromoform	2025/05/09	ND, RDL=1.0		ug/L	
			Bromomethane	2025/05/09	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/05/09	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/05/09	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/05/09	ND, RDL=1.0		ug/L	
			Chloroethane	2025/05/09	ND, RDL=1.0		ug/L	
			Chloroform	2025/05/09	ND, RDL=1.0		ug/L	
			Chloromethane	2025/05/09	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/05/09	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/05/09	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/05/09	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/05/09	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/05/09	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/05/09	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/05/09	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/05/09	ND, RDL=4.0		ug/L	
			Styrene	2025/05/09	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/05/09	ND, RDL=0.50		ug/L	
			Toluene	2025/05/09	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/05/09	ND, RDL=1.0		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
			trans-1,3-dichloropropene	2025/05/09	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/05/09	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/05/09	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/05/09	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/05/09	ND, RDL=0.40		ug/L	
			o-Xylene	2025/05/09	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/05/09	ND, RDL=0.40		ug/L	
B779273	NGU	RPD	VH C6-C10	2025/05/09	1.0		%	30
			1,2-dibromoethane	2025/05/09	NC		%	30
			1,2-dichloroethane	2025/05/09	NC		%	30
			1,3,5-trimethylbenzene	2025/05/09	5.6		%	30
			1,3-Butadiene	2025/05/09	NC		%	30
			Benzene	2025/05/09	3.2		%	30
			Ethylbenzene	2025/05/09	0		%	30
			Isopropylbenzene	2025/05/09	2.2		%	30
			Methyl-tert-butylether (MTBE)	2025/05/09	NC		%	30
			Styrene	2025/05/09	NC		%	30
			Toluene	2025/05/09	0.87		%	30
			m & p-Xylene	2025/05/09	1.2		%	30
			o-Xylene	2025/05/09	4.7		%	30
			Xylenes (Total)	2025/05/09	1.7		%	30
B779303	JAV	Matrix Spike	Dissolved Organic Carbon (C)	2025/05/08		99	%	80 - 120
B779303	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/05/08		96	%	80 - 120
B779303	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/05/08	ND, RDL=0.50		mg/L	
B779303	JAV	RPD	Dissolved Organic Carbon (C)	2025/05/08	2.1		%	20
B779317	JLP	Matrix Spike	Chloride (Cl)	2025/05/12		101	%	80 - 120
			Sulphate (SO4)	2025/05/12		106	%	80 - 120
B779317	JLP	Spiked Blank	Chloride (Cl)	2025/05/12		99	%	80 - 120
			Sulphate (SO4)	2025/05/12		96	%	80 - 120
B779317	JLP	Method Blank	Chloride (Cl)	2025/05/12	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/05/12	ND, RDL=1.0		mg/L	
B779317	JLP	RPD	Chloride (Cl)	2025/05/12	0.042		%	20
			Sulphate (SO4)	2025/05/12	1.1		%	20
B779590	BTM	Matrix Spike	Total Suspended Solids	2025/05/12		103	%	80 - 120
B779590	BTM	Spiked Blank	Total Suspended Solids	2025/05/12		99	%	80 - 120
B779590	BTM	Method Blank	Total Suspended Solids	2025/05/12	ND, RDL=1.0		mg/L	
B779590	BTM	RPD [DJE387-01]	Total Suspended Solids	2025/05/12	8.7		%	20
B779856	JAV	Matrix Spike [DJE387-05]	Total Organic Carbon (C)	2025/05/09		94	%	80 - 120
B779856	JAV	Spiked Blank	Total Organic Carbon (C)	2025/05/09		91	%	80 - 120
B779856	JAV	Method Blank	Total Organic Carbon (C)	2025/05/09	ND, RDL=0.50		mg/L	
B779856	JAV	RPD [DJE387-05]	Total Organic Carbon (C)	2025/05/09	2.9		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B779870	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/05/09		58	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/09		58	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/09		59	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/09		57	%	50 - 140
			Quinoline	2025/05/09		109	%	50 - 140
			Naphthalene	2025/05/09		34 (2)	%	50 - 140
			1-Methylnaphthalene	2025/05/09		53	%	50 - 140
			2-Methylnaphthalene	2025/05/09		51	%	50 - 140
			Acenaphthylene	2025/05/09		57	%	50 - 140
			Acenaphthene	2025/05/09		57	%	50 - 140
			Fluorene	2025/05/09		59	%	50 - 140
			Phenanthrene	2025/05/09		56	%	50 - 140
			Anthracene	2025/05/09		55	%	50 - 140
			Acridine	2025/05/09		98	%	50 - 140
			Fluoranthene	2025/05/09		50	%	50 - 140
			Pyrene	2025/05/09		50	%	50 - 140
			Benzo(a)anthracene	2025/05/09		52	%	50 - 140
			Chrysene	2025/05/09		50	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/09		35 (2)	%	50 - 140
			Benzo(k)fluoranthene	2025/05/09		33 (2)	%	50 - 140
			Benzo(a)pyrene	2025/05/09		33 (2)	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/09		27 (2)	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/09		28 (2)	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/09		26 (2)	%	50 - 140
B779870	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/05/09		88	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/09		82	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/09		80	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/09		90	%	50 - 140
			Quinoline	2025/05/09		118	%	50 - 140
			Naphthalene	2025/05/09		84	%	50 - 140
			1-Methylnaphthalene	2025/05/09		85	%	50 - 140
			2-Methylnaphthalene	2025/05/09		84	%	50 - 140
			Acenaphthylene	2025/05/09		87	%	50 - 140
			Acenaphthene	2025/05/09		87	%	50 - 140
			Fluorene	2025/05/09		88	%	50 - 140
			Phenanthrene	2025/05/09		84	%	50 - 140
			Anthracene	2025/05/09		91	%	50 - 140
			Acridine	2025/05/09		104	%	50 - 140
			Fluoranthene	2025/05/09		88	%	50 - 140
			Pyrene	2025/05/09		88	%	50 - 140
			Benzo(a)anthracene	2025/05/09		81	%	50 - 140
			Chrysene	2025/05/09		78	%	50 - 140
			Benzo(b&j)fluoranthene	2025/05/09		80	%	50 - 140
			Benzo(k)fluoranthene	2025/05/09		84	%	50 - 140
			Benzo(a)pyrene	2025/05/09		82	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/05/09		80	%	50 - 140
			Dibenz(a,h)anthracene	2025/05/09		82	%	50 - 140
			Benzo(g,h,i)perylene	2025/05/09		79	%	50 - 140
B779870	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/05/09		91	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/05/09		84	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/05/09		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/05/09		92	%	50 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Quinoline	2025/05/09	ND, RDL=0.020		ug/L	
			Naphthalene	2025/05/09	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/05/09	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/05/09	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/05/09	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/05/09	ND, RDL=0.050		ug/L	
			Fluorene	2025/05/09	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/05/09	ND, RDL=0.050		ug/L	
			Anthracene	2025/05/09	ND, RDL=0.010		ug/L	
			Acridine	2025/05/09	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/05/09	ND, RDL=0.020		ug/L	
			Pyrene	2025/05/09	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/05/09	ND, RDL=0.010		ug/L	
			Chrysene	2025/05/09	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/05/09	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/05/09	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/05/09	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/05/09	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/05/09	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/05/09	ND, RDL=0.050		ug/L	
B779870	JP1	RPD	Quinoline	2025/05/10	NC		%	40
			Naphthalene	2025/05/10	NC		%	40
			1-Methylnaphthalene	2025/05/10	NC		%	40
			2-Methylnaphthalene	2025/05/10	NC		%	40
			Acenaphthylene	2025/05/10	NC		%	40
			Acenaphthene	2025/05/10	NC		%	40
			Fluorene	2025/05/10	NC		%	40
			Phenanthrene	2025/05/10	NC		%	40
			Anthracene	2025/05/10	NC		%	40
			Acridine	2025/05/10	NC		%	40
			Fluoranthene	2025/05/10	NC		%	40
			Pyrene	2025/05/10	NC		%	40
			Benzo(a)anthracene	2025/05/10	NC		%	40
			Chrysene	2025/05/10	NC		%	40

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Benzo(b&j)fluoranthene	2025/05/10	NC		%	40
			Benzo(k)fluoranthene	2025/05/10	NC		%	40
			Benzo(a)pyrene	2025/05/10	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/05/10	NC		%	40
			Dibenz(a,h)anthracene	2025/05/10	NC		%	40
			Benzo(g,h,i)perylene	2025/05/10	NC		%	40
B779878	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/05/09		100	%	60 - 140
			EPH (C10-C19)	2025/05/09		69	%	60 - 140
			EPH (C19-C32)	2025/05/09		69	%	60 - 140
B779878	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/05/09		106	%	60 - 140
			EPH (C10-C19)	2025/05/09		106	%	70 - 130
			EPH (C19-C32)	2025/05/09		124	%	70 - 130
B779878	IT1	Method Blank	O-TERPHENYL (sur.)	2025/05/09		108	%	60 - 140
			EPH (C10-C19)	2025/05/09	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/05/09	ND, RDL=0.20		mg/L	
B779878	IT1	RPD	EPH (C10-C19)	2025/05/09	NC		%	30
			EPH (C19-C32)	2025/05/09	NC		%	30
B779918	IC4	Matrix Spike	Total Mercury (Hg)	2025/05/09		101	%	80 - 120
B779918	IC4	Spiked Blank	Total Mercury (Hg)	2025/05/09		101	%	80 - 120
B779918	IC4	Method Blank	Total Mercury (Hg)	2025/05/09	ND, RDL=0.0019		ug/L	
B779918	IC4	RPD	Total Mercury (Hg)	2025/05/09	NC		%	20
B779920	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/05/09		88	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/09		NC	%	80 - 120
			Dissolved Arsenic (As)	2025/05/09		102	%	80 - 120
			Dissolved Barium (Ba)	2025/05/09		91	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/09		83	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/09		89	%	80 - 120
			Dissolved Boron (B)	2025/05/09		86	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/09		94	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/09		106	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/09		92	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/09		87	%	80 - 120
			Dissolved Copper (Cu)	2025/05/09		87	%	80 - 120
			Dissolved Iron (Fe)	2025/05/09		98	%	80 - 120
			Dissolved Lead (Pb)	2025/05/09		93	%	80 - 120
			Dissolved Lithium (Li)	2025/05/09		97	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/09		NC	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/09		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/09		85	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/09		98	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/09		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/05/09		103	%	80 - 120
			Dissolved Silicon (Si)	2025/05/09		96	%	80 - 120
			Dissolved Silver (Ag)	2025/05/09		96	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/09		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/09		88	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/09		95	%	80 - 120
			Dissolved Thorium (Th)	2025/05/09		101	%	80 - 120
			Dissolved Tin (Sn)	2025/05/09		96	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/09		96	%	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
			Dissolved Uranium (U)	2025/05/09		91	%	80 - 120
			Dissolved Vanadium (V)	2025/05/09		95	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/09		80	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/09		102	%	80 - 120
B779920	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/05/09		94	%	80 - 120
			Dissolved Antimony (Sb)	2025/05/09		97	%	80 - 120
			Dissolved Arsenic (As)	2025/05/09		98	%	80 - 120
			Dissolved Barium (Ba)	2025/05/09		93	%	80 - 120
			Dissolved Beryllium (Be)	2025/05/09		92	%	80 - 120
			Dissolved Bismuth (Bi)	2025/05/09		94	%	80 - 120
			Dissolved Boron (B)	2025/05/09		97	%	80 - 120
			Dissolved Cadmium (Cd)	2025/05/09		98	%	80 - 120
			Dissolved Cesium (Cs)	2025/05/09		106	%	80 - 120
			Dissolved Chromium (Cr)	2025/05/09		98	%	80 - 120
			Dissolved Cobalt (Co)	2025/05/09		95	%	80 - 120
			Dissolved Copper (Cu)	2025/05/09		97	%	80 - 120
			Dissolved Iron (Fe)	2025/05/09		98	%	80 - 120
			Dissolved Lead (Pb)	2025/05/09		95	%	80 - 120
			Dissolved Lithium (Li)	2025/05/09		97	%	80 - 120
			Dissolved Manganese (Mn)	2025/05/09		97	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/05/09		97	%	80 - 120
			Dissolved Nickel (Ni)	2025/05/09		97	%	80 - 120
			Dissolved Phosphorus (P)	2025/05/09		98	%	80 - 120
			Dissolved Rubidium (Rb)	2025/05/09		91	%	80 - 120
			Dissolved Selenium (Se)	2025/05/09		104	%	80 - 120
			Dissolved Silicon (Si)	2025/05/09		93	%	80 - 120
			Dissolved Silver (Ag)	2025/05/09		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/05/09		93	%	80 - 120
			Dissolved Tellurium (Te)	2025/05/09		98	%	80 - 120
			Dissolved Thallium (Tl)	2025/05/09		95	%	80 - 120
			Dissolved Thorium (Th)	2025/05/09		96	%	80 - 120
			Dissolved Tin (Sn)	2025/05/09		99	%	80 - 120
			Dissolved Titanium (Ti)	2025/05/09		95	%	80 - 120
			Dissolved Uranium (U)	2025/05/09		89	%	80 - 120
			Dissolved Vanadium (V)	2025/05/09		97	%	80 - 120
			Dissolved Zinc (Zn)	2025/05/09		99	%	80 - 120
			Dissolved Zirconium (Zr)	2025/05/09		94	%	80 - 120
B779920	AA1	Method Blank	Dissolved Aluminum (Al)	2025/05/09	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/05/09	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/05/09	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/05/09	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/05/09	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/05/09	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/05/09	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/05/09	ND, RDL=0.0050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Cesium (Cs)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/05/09	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/05/09	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/05/09	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/05/09	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/05/09	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/05/09	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/05/09	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/05/09	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/05/09	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/05/09	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/05/09	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/05/09	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/05/09	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/05/09	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/05/09	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/05/09	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/05/09	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/05/09	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/05/09	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/05/09	ND, RDL=0.10		ug/L	
B779920	AA1	RPD	Dissolved Aluminum (Al)	2025/05/09	9.3		%	20
			Dissolved Antimony (Sb)	2025/05/09	0.40		%	20
			Dissolved Arsenic (As)	2025/05/09	2.9		%	20
			Dissolved Barium (Ba)	2025/05/09	1.1		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Beryllium (Be)	2025/05/09	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/09	NC		%	20
			Dissolved Boron (B)	2025/05/09	1.3		%	20
			Dissolved Cadmium (Cd)	2025/05/09	NC		%	20
			Dissolved Chromium (Cr)	2025/05/09	NC		%	20
			Dissolved Cobalt (Co)	2025/05/09	0.95		%	20
			Dissolved Copper (Cu)	2025/05/09	NC		%	20
			Dissolved Iron (Fe)	2025/05/09	NC		%	20
			Dissolved Lead (Pb)	2025/05/09	5.3		%	20
			Dissolved Lithium (Li)	2025/05/09	0.058		%	20
			Dissolved Manganese (Mn)	2025/05/09	2.1		%	20
			Dissolved Molybdenum (Mo)	2025/05/09	0.91		%	20
			Dissolved Nickel (Ni)	2025/05/09	0.22		%	20
			Dissolved Phosphorus (P)	2025/05/09	NC		%	20
			Dissolved Selenium (Se)	2025/05/09	8.0		%	20
			Dissolved Silicon (Si)	2025/05/09	3.3		%	20
			Dissolved Silver (Ag)	2025/05/09	NC		%	20
			Dissolved Strontium (Sr)	2025/05/09	1.4		%	20
			Dissolved Thallium (Tl)	2025/05/09	4.7		%	20
			Dissolved Tin (Sn)	2025/05/09	NC		%	20
			Dissolved Titanium (Ti)	2025/05/09	NC		%	20
			Dissolved Uranium (U)	2025/05/09	1.2		%	20
			Dissolved Vanadium (V)	2025/05/09	NC		%	20
			Dissolved Zinc (Zn)	2025/05/09	4.2		%	20
			Dissolved Zirconium (Zr)	2025/05/09	NC		%	20
B779920	AA1	RPD [DJE393-08]	Dissolved Aluminum (Al)	2025/05/09	NC		%	20
			Dissolved Antimony (Sb)	2025/05/09	NC		%	20
			Dissolved Arsenic (As)	2025/05/09	NC		%	20
			Dissolved Barium (Ba)	2025/05/09	NC		%	20
			Dissolved Beryllium (Be)	2025/05/09	NC		%	20
			Dissolved Bismuth (Bi)	2025/05/09	NC		%	20
			Dissolved Boron (B)	2025/05/09	NC		%	20
			Dissolved Cadmium (Cd)	2025/05/09	NC		%	20
			Dissolved Cesium (Cs)	2025/05/09	NC		%	20
			Dissolved Chromium (Cr)	2025/05/09	NC		%	20
			Dissolved Cobalt (Co)	2025/05/09	NC		%	20
			Dissolved Copper (Cu)	2025/05/09	NC		%	20
			Dissolved Iron (Fe)	2025/05/09	NC		%	20
			Dissolved Lead (Pb)	2025/05/09	NC		%	20
			Dissolved Lithium (Li)	2025/05/09	NC		%	20
			Dissolved Manganese (Mn)	2025/05/09	8.1		%	20
			Dissolved Molybdenum (Mo)	2025/05/09	NC		%	20
			Dissolved Nickel (Ni)	2025/05/09	NC		%	20
			Dissolved Phosphorus (P)	2025/05/09	NC		%	20
			Dissolved Rubidium (Rb)	2025/05/09	NC		%	20
			Dissolved Selenium (Se)	2025/05/09	NC		%	20
			Dissolved Silicon (Si)	2025/05/09	NC		%	20
			Dissolved Silver (Ag)	2025/05/09	NC		%	20
			Dissolved Strontium (Sr)	2025/05/09	NC		%	20
			Dissolved Tellurium (Te)	2025/05/09	NC		%	20
			Dissolved Thallium (Tl)	2025/05/09	NC		%	20
			Dissolved Thorium (Th)	2025/05/09	NC		%	20
			Dissolved Tin (Sn)	2025/05/09	NC		%	20

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			Dissolved Titanium (Ti)	2025/05/09	NC		%	20
			Dissolved Uranium (U)	2025/05/09	NC		%	20
			Dissolved Vanadium (V)	2025/05/09	NC		%	20
			Dissolved Zinc (Zn)	2025/05/09	NC		%	20
			Dissolved Zirconium (Zr)	2025/05/09	NC		%	20
B780503	NKT	Matrix Spike [DJE393-05]	Total Phosphorus (P)	2025/05/10		0.020	%	N/A
B780503	NKT	Spiked Blank	Total Phosphorus (P)	2025/05/10		97	%	80 - 120
B780503	NKT	Method Blank	Total Phosphorus (P)	2025/05/10	ND, RDL=0.0010		mg/L	
B780503	NKT	RPD [DJE393-05]	Total Phosphorus (P)	2025/05/10	NC		%	20
B782163	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/05/13		97	%	50 - 140
			Ethylene Glycol	2025/05/13		92	%	60 - 140
			Diethylene Glycol	2025/05/13		108	%	60 - 140
			Triethylene Glycol	2025/05/13		101	%	60 - 140
			Propylene Glycol	2025/05/13		96	%	60 - 140
B782163	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/05/13		95	%	50 - 140
			Ethylene Glycol	2025/05/13		96	%	70 - 130
			Diethylene Glycol	2025/05/13		111	%	70 - 130
			Triethylene Glycol	2025/05/13		104	%	70 - 130
			Propylene Glycol	2025/05/13		99	%	70 - 130
B782163	AAX	Method Blank	Methyl Sulfone (sur.)	2025/05/13		97	%	50 - 140
			Ethylene Glycol	2025/05/13	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/05/13	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/05/13	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/05/13	ND, RDL=5.0		mg/L	
B782163	AAX	RPD	Ethylene Glycol	2025/05/13	NC		%	30
			Diethylene Glycol	2025/05/13	NC		%	30
			Triethylene Glycol	2025/05/13	NC		%	30
			Propylene Glycol	2025/05/13	NC		%	30
B782179	MDO	Matrix Spike	Phenols	2025/05/12		107	%	80 - 120
B782179	MDO	Spiked Blank	Phenols	2025/05/12		101	%	80 - 120
B782179	MDO	Method Blank	Phenols	2025/05/12	ND, RDL=0.0015		mg/L	
B782179	MDO	RPD	Phenols	2025/05/12	0.85		%	20
B782181	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/05/12		100	%	80 - 120
B782181	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/05/12		97	%	80 - 120
B782181	IC4	Method Blank	Dissolved Mercury (Hg)	2025/05/12	ND, RDL=0.0019		ug/L	
B782181	IC4	RPD	Dissolved Mercury (Hg)	2025/05/12	1.1		%	20
B782329	BB3	Matrix Spike [DJE393-11]	Total Hex. Chromium (Cr 6+)	2025/05/12		117	%	80 - 120
B782329	BB3	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/05/12		102	%	80 - 120
B782329	BB3	Method Blank	Total Hex. Chromium (Cr 6+)	2025/05/12	ND, RDL=0.00099		mg/L	
B782329	BB3	RPD [DJE393-11]	Total Hex. Chromium (Cr 6+)	2025/05/12	NC		%	20
B944763	NJD	Matrix Spike	Total Sulphide	2025/05/13		99	%	80 - 120
B944763	NJD	Spiked Blank	Total Sulphide	2025/05/13		108	%	80 - 120
B944763	NJD	Method Blank	Total Sulphide	2025/05/13	ND, RDL=0.0018		mg/L	
B944763	NJD	RPD	Total Sulphide	2025/05/13	13		%	20

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
B944764	NJD	Matrix Spike [DJE392-12]	Total Sulphide	2025/05/13		108	%	80 - 120
B944764	NJD	Spiked Blank	Total Sulphide	2025/05/13		101	%	80 - 120
B944764	NJD	Method Blank	Total Sulphide	2025/05/13	ND, RDL=0.0018		mg/L	
B944764	NJD	RPD [DJE391-12]	Total Sulphide	2025/05/13	NC		%	20

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).

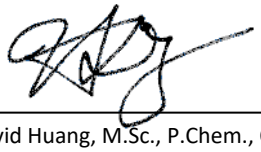
(1) Method blank exceeds acceptance limits- 2X RDL acceptable for low level metals determination.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

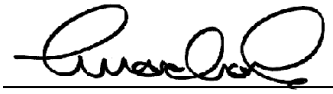
Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

VALIDATION SIGNATURE PAGE

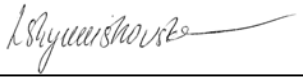
The analytical data and all QC contained in this report were reviewed and validated by:



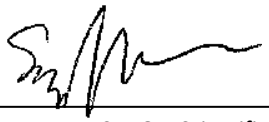
David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Levi Manchak, Project Manager SR



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



Sandy Yuan, M.Sc., QP, Scientific Specialist

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

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 Raphael Kwan, General Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.

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

C538135
2025/05/06 17:21

eCOC: W104075

Expected TAT: Standard TAT
Expected Arrival: 2025/05/06 17:00
Submitted By: Hayley Masson
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
smangwani@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	Set Number
WLNG-DS	1	2025/05/06	WATER	14	A		1
WLNG -EOP	2	2025/05/06	WATER	18	A	A	2
WLNG-US	3	2025/05/06	WATER	14	A		1
SQRI-US	4	2025/05/06	WATER	14	A		1
SQRI-DS	5	2025/05/06	WATER	14	A		1
SQRI-DS Field Blank	6	2025/05/06	WATER	14	A		1
Trip Blank	7	2025/05/06	WATER	14	A		1
WLNG-EOP Duplicate	8	2025/05/06	WATER	18	A	A	3

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

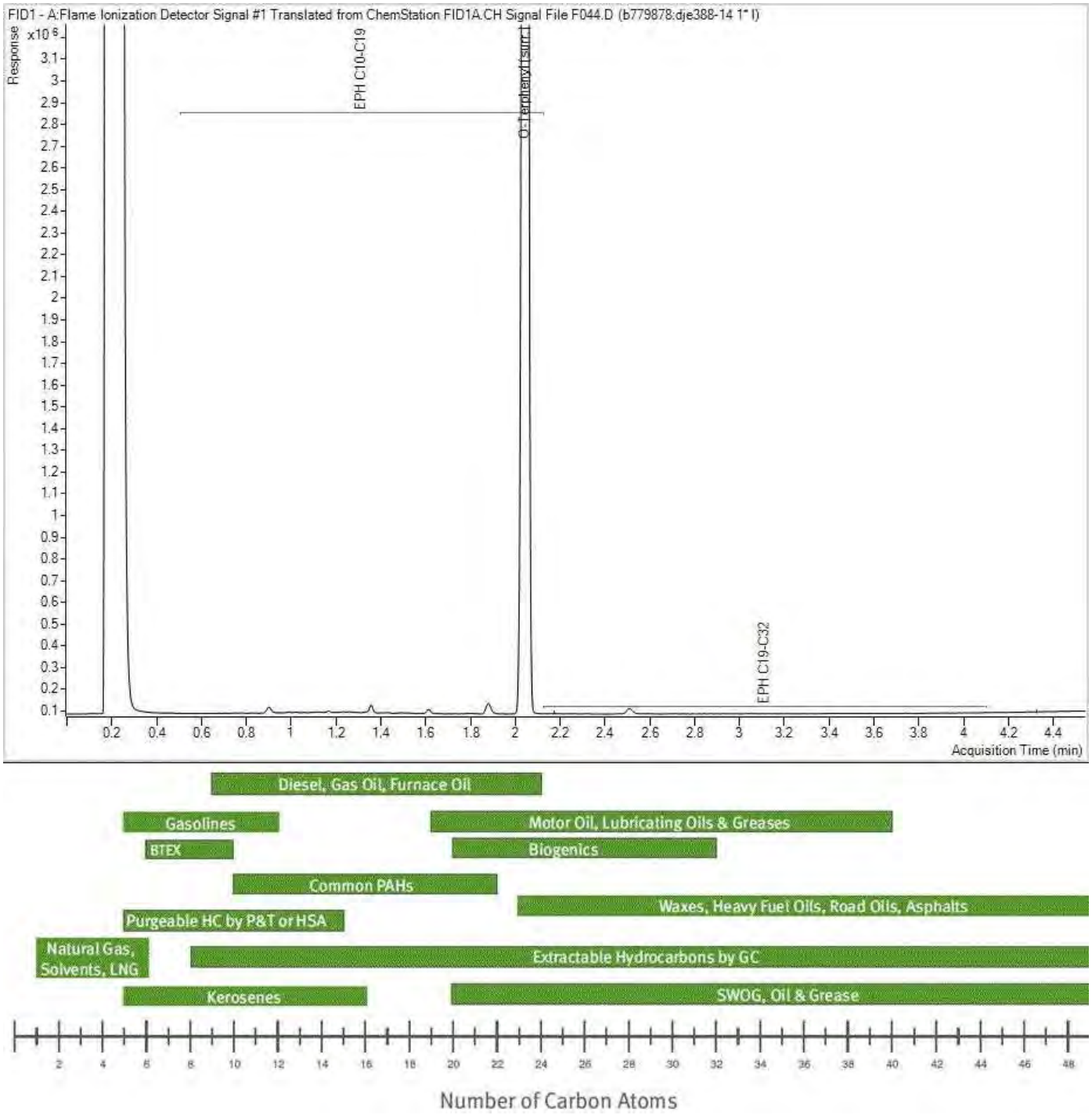
MVAN-2025-05-400

Received by Ashish Thomas Varghese
2025/05/06 17:21

Temps:- 12,15,16 / 14,15,14

No Ice.

EPH in Water when PAH required Chromatogram

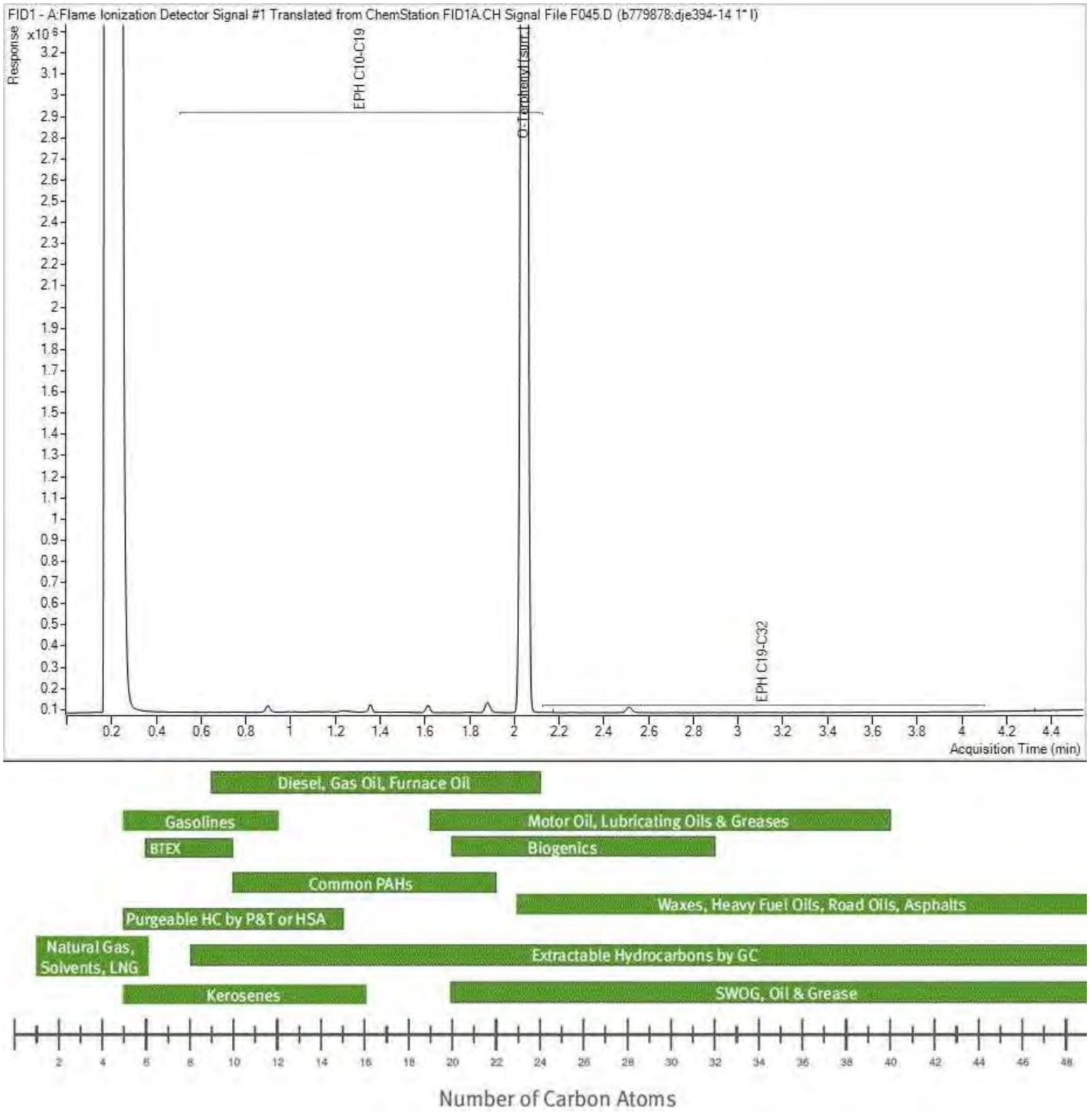


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C538135
Report Date: 2025/05/14
Bureau Veritas Sample: DJE394

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Reference: WOODFIBRE PIPELINE PROJECT
Client ID: WLNG-EOP DUPLICATE

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: W104075

Project Information:	C538135
Job Received:	2025/05/06 17:21
Expected TAT:	Standard TAT
Expected Arrival:	2025/05/06 17:00
Submitted By:	Hayley Masson
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
smangwani@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	Set Number
WLNG-DS	1	2025/05/06	WATER	14	A		1
WLNG -EOP	2	2025/05/06	WATER	18	A	A	2
WLNG-US	3	2025/05/06	WATER	14	A		1
SQRI-US	4	2025/05/06	WATER	14	A		1
SQRI-DS	5	2025/05/06	WATER	14	A		1
SQRI-DS Field Blank	6	2025/05/06	WATER	14	A		1
Trip Blank	7	2025/05/06	WATER	14	A		1
WLNG-EOP Duplicate	8	2025/05/06	WATER	18	A	A	3

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

Sample Set Listing

Set 1 (6 samples)	Set 2 (1 sample)	Set 3 (1 sample)
WLNG-DS	WLNG -EOP	WLNG-EOP Duplicate
WLNG-US		
SQRI-US		
SQRI-DS		
SQRI-DS Field Blank		
Trip Blank		