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Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

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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

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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 Observer 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

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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	2025-08-26	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-08-26	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.

**DATA GAPS: In-Situ Continuous Monitoring Data:

SQU US:

o Aug 26: temperature and conductivity missing at 12:00, temperature, conductivity, ORP, and pH missing at 19:00.

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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.
- The WLNG EOP D-Cu concentration (0.000466 mg/L) was above its sample-specific BC ST WQGPAL (freshwater) of 0.0002 mg/L by a factor of 2.33 times. The duplicate EOP sample had a concentration of 0.000518 mg/L, which was 2.59 times higher than its ST WQGPAL (0.0002 mg/L). However, D-Cu at WLNG US (0.000625 mg/L) was above the guideline (0.000200 mg/L), indicating naturally elevated copper in upper East Creek; this concentration is above the value observed in the EOP sample. D-Cu at WLNG DS (0.000066 mg/L) was below the guideline (0.000200 mg/L) at WLNG DS. Also, the rainbow trout toxicity test conducted on Aug 26th indicated no mortality in the undiluted sample from EOP. These results suggest negligible risk to downstream aquatic life from the EOP D-Cu concentration on Aug 26.

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	2025-08-25	Yes-Appendix C	2,227 m ³
Woodfibre	2025-08-26	Yes-Appendix C	2,280 m ³
Woodfibre	2025-08-27	Yes-Appendix C	2,274 m ³
Woodfibre	2025-08-28	Yes-Appendix C	2,142 m ³
Woodfibre	2025-08-29	Yes-Appendix C	2,375 m ³
Woodfibre	2025-08-30	Yes-Appendix C	2,115 m ³
Woodfibre	2025-08-31	Yes-Appendix C	2,325 m ³

*Max discharge is 1500m3/day

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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	2025-08-26	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	2025-08-26	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).

**DATA GAPS: In-Situ Continuous Monitoring

WLNG US:

- o Aug 25: all readings except conductivity were missing at 2:00, 10:00, and 20:00. All readings except conductivity and turbidity were missing at 20:00.
- o Aug 26: all readings except conductivity were missing at 21:00.
- o Aug 28: all readings except conductivity were missing at 14:00.
- o Aug 29: all readings except conductivity were missing at 00:00 and 12:00.
- o Aug 30 and 31: pH readings were missing from 9:00 on Aug 30 to 23:00 on Aug 31 due to a probe malfunction. Temperature, ORP, DO, and turbidity readings were missing from 2:00, 3:00, and 13:00 on Aug 31.

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

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BCR Site Batch Sample Analysis

No Discharges

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BCR Site WTP Discharge Field Notes and Logs

No Discharges

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Appendix B: BCR Site Receiving Environment Documentation

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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 2025-08-26 13:42:00	SQU DS 2025-08-26 14:05:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			6.88	6.73
Field Temperature	°C	18	19					14.1	14.4
General Parameters									
pH	pH Units							6.74	6.63
Alkalinity (Total as CaCO ₃)	mg/L							8.3	7.4
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							27.7	20.6
Hardness (CaCO ₃)-Dissolved	mg/L							9.43	8.46
Sulphide-Total	mg/L							0.0086	0.013
Sulphide (as H ₂ S)	mg/L			0.002				0.0091	0.014
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.77	21		20	131		0.049	0.035
Bicarbonate (HCO ₃)	mg/L							10	9.1
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.032	0.024
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.032	0.024
Nitrogen (N)-Total	mg/L							0.145	0.109
Phosphorus (P)-Total (4500-P)	mg/L							0.28	0.28
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.699			1.5		<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						2.7	2.3

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

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

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life Long Term Average	SQU US 2025-08-26 13:42:00	SQU DS 2025-08-26 14:05:00
Total Metals									
Aluminum (Al)-Total	mg/L	0.02054						7.95	4.5
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000036	0.000028
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000529	0.000404
Barium (Ba)-Total	mg/L			1				0.0963	0.076
Beryllium (Be)-Total	mg/L			0.00013			0.1	0.000096	0.000062
Bismuth (Bi)-Total	mg/L							0.000013	0.000011
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.000023	0.000018
Calcium (Ca)-Total	mg/L							6.22	4.45
Cesium (Cs)-Total	mg/L							0.000222	0.000188
Chromium (Cr)-Total	mg/L							0.00286	0.00199
Chromium (Cr III)-Total	mg/L			0.0089			0.056	0.0029	0.002
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L							0.00252	0.00198
Copper (Cu)-Total	mg/L				0.002	0.003		0.00849	0.00657
Iron (Fe)-Total	mg/L		1					5.29	3.91
Lead (Pb)-Total	mg/L				0.002	0.14		0.00101	0.000728
Lithium (Li)-Total	mg/L							0.00397	0.00321
Magnesium (Mg)-Total	mg/L							2.95	2.3
Manganese (Mn)-Total	mg/L	0.696	0.767				0.1	0.15	0.12
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.0000051	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000437	0.000369
Nickel (Ni)-Total	mg/L						0.0083	0.00296	0.00217
Phosphorus (P)-Total (ICPMS)	mg/L							0.352	0.264
Potassium (K)-Total	mg/L							2.5	2.1
Rubidium (Rb)-Total	mg/L							0.00724	0.00622
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							14.4	8.97
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	0.000018	0.000011
Sodium (Na)-Total	mg/L							2.97	1.82
Strontium (Sr)-Total	mg/L							0.0785	0.0456
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							0.000066	0.000044
Thallium (Tl)-Total	mg/L			0.00003				0.000049	0.000043
Thorium (Th)-Total	mg/L							0.000336	0.000152
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.38	0.282
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000159	0.000134
Vanadium (V)-Total	mg/L			0.06			0.005	0.0131	0.00971
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0172	0.0139
Zirconium (Zr)-Total	mg/L							0.0008	0.00064

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

² 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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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 2025-08-26 13:42:00	SQU DS 2025-08-26 14:05:00
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0327	0.0428
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000149	0.00015
Barium (Ba)-Dissolved	mg/L							0.00407	0.00455
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	0.000066	0.000116					<0.000005	<0.000005
Calcium (Ca)-Dissolved	mg/L							3.15	2.83
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	0.00023
Cobalt (Co)-Dissolved	mg/L	0.000389						0.0000372	0.0000343
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					0.000306	0.000326
Iron (Fe)-Dissolved	mg/L		0.35					0.0186	0.024
Lead (Pb)-Dissolved	mg/L	0.001034						0.000009	0.0000119
Lithium (Li)-Dissolved	mg/L							0.00076	0.0007
Manganese (Mn)-Dissolved	mg/L							0.0104	0.0109
Magnesium (Mg)-Dissolved	mg/L							0.382	0.337
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000346	0.000328
Nickel (Ni)-Dissolved	mg/L	0.0006	0.009					0.000064	0.000175
Phosphorus (P)-Dissolved	mg/L							0.0127	0.0085
Potassium (K)-Dissolved	mg/L							0.559	0.567
Rubidium (Rb)-Dissolved	mg/L							0.000832	0.000874
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							2.6	2.19
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.29	1.11
Strontium (Sr)-Dissolved	mg/L			1.25				0.0196	0.0175
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000031	0.0000029
Thorium (Th)-Dissolved	mg/L							0.0000095	0.0000078
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00097	0.00134
Uranium (U)-Dissolved	mg/L							0.0000097	0.0000106
Vanadium (V)-Dissolved	mg/L							0.00101	0.00082
Zinc (Zn)-Dissolved	mg/L	0.003179	0.008905					0.00014	0.00011
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

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

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

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life Long Term Average	SQU US 2025-08-26 13:42:00	SQU DS 2025-08-26 14:05:00
Inorganics									
Organic Carbon (C)-Total	mg/L							<0.5	<0.5
Organic Carbon (C)-Dissolved	mg/L							<0.5	<0.5
Solids-Total Dissolved	mg/L							32	28
Solids-Total Suspended	mg/L	255	275					250	230

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

² 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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BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information				
Site ID:	<u>SQU DS</u>		Date:	<u>August 26, 2025</u>
Site Name:	<u>Squamish River</u>		Time:	<u>14:05</u>
Site UTM:	Zone:	E:	Crew:	<u>HM</u>
(NAD83)		N:	Weather:	<u>Sun, 25°C</u>

In Situ Parameters			
pH:	<u>6.73</u>	DO:	<u>-</u> (mg/L)
Temp.:	<u>14.4</u> (°C)	Cond:	<u>48</u> (us)
Turbidity:	<u>200</u> NTU		
Visible Sheen:	<u>N</u>		
Water Surface Condition:	<u>Turbid</u>		

Photo Record

Photo



Observations

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

Site ID:	<u>SQU US</u>	Date:	<u>August 26, 2025</u>
Site Name:	<u>Squamish River</u>	Time:	<u>13:42</u>
Site UTM:	Zone: <u> </u> E: <u> </u>	Crew:	<u>HM</u>
(NAD83)	N: <u> </u>	Weather:	<u>Sun, 25°C</u>

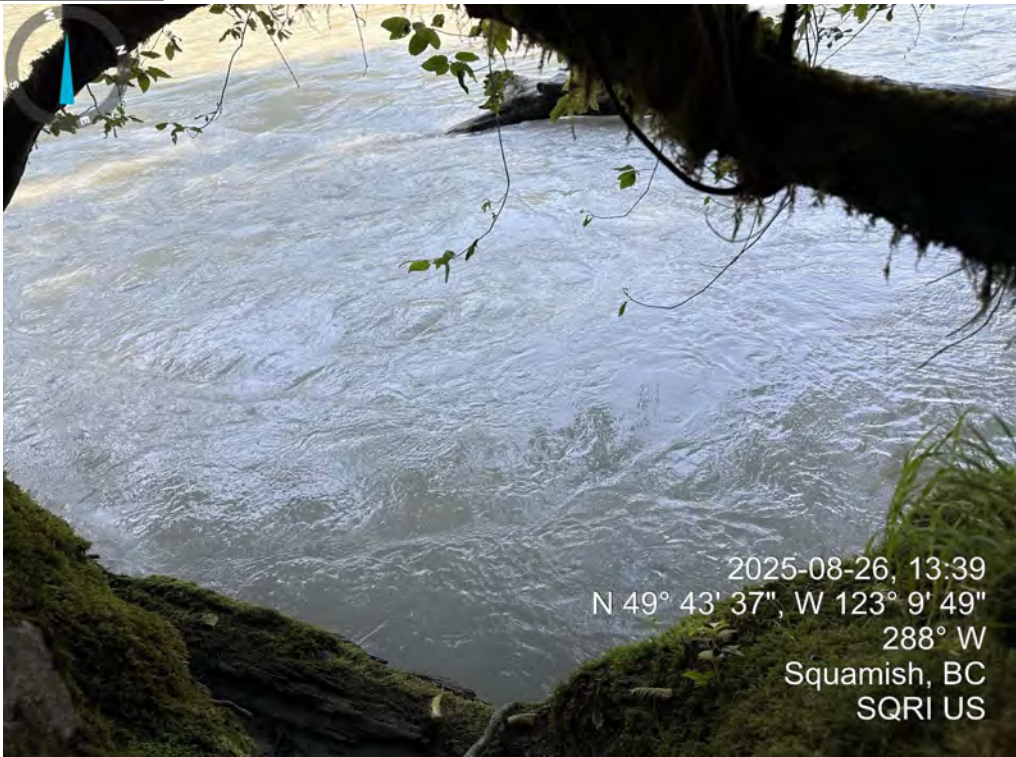
In Situ Parameters

pH:	<u>6.88</u>	DO:	<u>-</u> (mg/L)
Temp.:	<u>14.1</u> (°C)	Cond:	<u>72</u> (us)
Turbidity:	<u>226</u> NTU		

Visible Sheen: N
Water Surface Condition: Turbid

Photo Record

Photo



Observations

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

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix C	C-2

Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.9
Field Temperature	°C	19	13
General Parameters			
pH	pH Units		7.58
Alkalinity (Total as CaCO ₃)	mg/L		47
Alkalinity (PP as CaCO ₃)	mg/L		<1
Hardness (CaCO ₃)-Total	mg/L		55.6
Hardness (CaCO ₃)-Dissolved	mg/L		54.6
Sulphide-Total	mg/L		<0.0018
Sulphide (as H ₂ S)	mg/L		<0.002
Anions and Nutrients			
Ammonia (N)-Total	mg/L	21.3	<0.015
Bicarbonate (HCO ₃)	mg/L		58
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		0.166
Phosphorus (P)-Total (4500-P)	mg/L		0.0051
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	9.3
Fluoride (F)	mg/L	1.098	0.25
Sulphate (SO ₄)-Dissolved	mg/L		9
Total Metals			
Aluminum (Al)-Total	mg/L		0.151
Antimony (Sb)-Total	mg/L	0.25	0.000454
Arsenic (As)-Total	mg/L		0.00169
Barium (Ba)-Total	mg/L		0.00673
Beryllium (Be)-Total	mg/L		<0.00001
Bismuth (Bi)-Total	mg/L		<0.00001
Boron (B)-Total	mg/L		0.016
Cadmium (Cd)-Total	mg/L		0.000013
Calcium (Ca)-Total	mg/L		20.5

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

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
Total Metals (cont'd.)			
Cesium (Cs)-Total	mg/L		<0.00005
Chromium (Cr)-Total	mg/L		<0.0001
Chromium (Cr III)-Total	mg/L		<0.00099
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L		0.000069
Copper (Cu)-Total	mg/L		0.00149
Iron (Fe)-Total	mg/L	1	0.0423
Lead (Pb)-Total	mg/L		0.000107
Lithium (Li)-Total	mg/L		0.0043
Magnesium (Mg)-Total	mg/L		1.07
Manganese (Mn)-Total	mg/L	1.153	0.0522
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.0281
Nickel (Ni)-Total	mg/L		0.00047
Phosphorus (P)-Total (ICPMS)	mg/L		0.0058
Potassium (K)-Total	mg/L		1.94
Rubidium (Rb)-Total	mg/L		0.00396
Selenium (Se)-Total	mg/L		<0.00004
Silicon (Si)-Total	mg/L		7.57
Silver (Ag)-Total	mg/L		<0.00001
Sodium (Na)-Total	mg/L		6.63
Strontium (Sr)-Total	mg/L		0.0471
Sulphur (S)-Total	mg/L		3.9
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.000018
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		<0.002
Uranium (U)-Total	mg/L	0.0165	0.000531
Vanadium (V)-Total	mg/L		<0.0002
Zinc (Zn)-Total	mg/L		0.0041
Zirconium (Zr)-Total	mg/L		<0.0001

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

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.0478
Antimony (Sb)-Dissolved	mg/L		0.000446
Arsenic (As)-Dissolved	mg/L		0.00151
Barium (Ba)-Dissolved	mg/L		0.0057
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.015
Cadmium (Cd)-Dissolved	mg/L	0.000321	0.0000099
Calcium (Ca)-Dissolved	mg/L		20.2
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		<0.0001
Cobalt (Co)-Dissolved	mg/L		0.0000641
Copper (Cu)-Dissolved	mg/L	0.0002	0.000466
Iron (Fe)-Dissolved	mg/L	0.35	<0.001
Lead (Pb)-Dissolved	mg/L		0.0000057
Lithium (Li)-Dissolved	mg/L		0.00387
Manganese (Mn)-Dissolved	mg/L		0.0461
Magnesium (Mg)-Dissolved	mg/L		0.983
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0253
Nickel (Ni)-Dissolved	mg/L	0.0181	0.000232
Phosphorus (P)-Dissolved	mg/L		<0.002
Potassium (K)-Dissolved	mg/L		1.72
Rubidium (Rb)-Dissolved	mg/L		0.00368
Selenium (Se)-Dissolved	mg/L		<0.00004
Silicon (Si)-Dissolved	mg/L		6.68
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		6.32
Strontium (Sr)-Dissolved	mg/L		0.0442
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.0000137
Thorium (Th)-Dissolved	mg/L		<0.000005
Tin (Sn)-Dissolved	mg/L		<0.0002
Titanium (Ti)-Dissolved	mg/L		<0.0005

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

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

<i>Analyte</i>	<i>Unit</i>	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
Dissolved Metals (cont'd.)			
Uranium (U)-Dissolved	mg/L		0.000358
Vanadium (V)-Dissolved	mg/L		<0.0002
Zinc (Zn)-Dissolved	mg/L	0.026918	0.00301
Zirconium (Zr)-Dissolved	mg/L		<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L		2
Organic Carbon (C)-Dissolved	mg/L		1.6
Solids-Total Dissolved	mg/L		110
Solids-Total Suspended	mg/L	26	1.6
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005
Anthracene	mg/L		<0.00001
Benzo(a)anthracene	mg/L		<0.00001
Benzo(a)pyrene	mg/L		<0.000005
Benzo(b&j)fluoranthene	mg/L		<0.00003
Benzo(g,h,i)perylene	mg/L		<0.00005
Benzo(k)fluoranthene	mg/L		<0.00005
Chrysene	mg/L		<0.00002
Dibenz(a,h)anthracene	mg/L		<0.000003
Fluoranthene	mg/L		<0.00002
Fluorene	mg/L		<0.00005
Indeno(1,2,3-cd)pyrene	mg/L		<0.00005
1-Methylnaphthalene	mg/L		<0.00005
2-Methylnaphthalene	mg/L		<0.0001

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

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
Organics (cont'd.)			
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
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

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

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

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-26 09:20:00
Organics (cont'd.)			
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		0.0015
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004
trans-1,2-dichloroethene	mg/L		<0.001
trans-1,3-dichloropropene	mg/L		<0.001
Trichloroethene	mg/L		<0.0005
Trichlorofluoromethane	mg/L		<0.004
Vinyl chloride	mg/L		<0.0005
VPH (VH6 to 10 - BTEX)	mg/L		<0.3
Xylenes (Total)	mg/L		<0.0004
m & p-Xylene	mg/L		<0.0004
o-Xylene	mg/L		<0.0004
Phenols	mg/L	0.05	<0.0015
Rainbow Trout			
LC50	% vol/vol		>100

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

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

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

Site ID: WLNG EOP
Site Name: East Creek
Crew: HM
Weather: Sun/cloud, 20°C

Date: August 26, 2025
Time: 9:20

In Situ Parameters

pH: 6.9 DO: 1.86 (mg/L)
Temp.: 13 (°C) Cond: 293.4 (us)
Turbidity: 0.45 NTU ORP: 32.8 (mV)

Visible Sheen: NA
Water Surface Condition: Clear

Photo Record

Photo



Observations

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

Site ID:	<u>DUP - WLNG EOP</u>	Date:	<u>August 26, 2025</u>
Site Name:	<u>East Creek</u>	Time:	<u>9:20</u>
Site UTM:	Zone: <u>E:</u>	Crew:	<u>HM</u>
(NAD83)	N: <u></u>	Weather:	<u>Sun/cloud, 20°C</u>

In Situ Parameters

pH:	<u>6.9</u>	DO:	<u>1.86</u> (mg/L)
Temp.:	<u>13</u> (°C)	Cond:	<u>293.4</u> (us)
Turbidity:	<u>0.45</u> NTU	ORP:	<u>32.8</u> (mV)

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo



Observations

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		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

Table of Contents:

1. Executive Summary and Notes
2. Discharge Parameter Summary
3. WTP Calibration Log

Appendices:

- Appendix A- WTP Data Log
- Appendix B- YSI Data Log
- Appendix C- Photos

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to August 25 was 535,148 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
August 25	Woodfibre (WF)	2,227	Exceeded discharge volume limit
August 26	WF	2,280	Exceeded discharge volume limit
August 27	WF	2,274	Exceeded discharge volume limit
August 28	WF	2,142	Exceeded discharge volume limit
August 29	WF	2,375	Exceeded discharge volume limit
August 30	WF	2,115	Exceeded discharge volume limit
August 31	WF	2,325	Exceeded discharge volume limit
Total		15,738	None

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

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)
8/25/2025	0:00:00	7.2	2.752	1	535,148	14	273
8/25/2025	0:15:00	7.3	2.752	1.3	535,173	14	273
8/25/2025	0:30:00	7.3	2.157	1.7	535,197	14.2	271
8/25/2025	1:00:00	7.3	2.748	1.5	535,263	13.9	269
8/25/2025	1:15:00	7.3	2.740	1.7	535,291	14	269
8/25/2025	1:45:00	7.2	2.755	0.8	535,359	13.8	269
8/25/2025	2:00:00	7.2	2.755	0.9	535,386	13.8	270
8/25/2025	2:15:00	7.2	2.767	0.4	535,412	14	271
8/25/2025	2:45:00	7.3	2.203	1.6	535,464	15	269
8/25/2025	3:00:00	7.3	2.778	0.9	535,477	14.6	266
8/25/2025	3:30:00	7.3	2.740	10.7	535,539	14.5	271
8/25/2025	3:45:00	7.3	2.850	7.3	535,568	14.6	274
8/25/2025	4:00:00	7.3	2.725	2.4	535,605	14.3	271
8/25/2025	4:15:00	7.3	2.752	11.7	535,632	14.4	272
8/25/2025	4:45:00	7.3	2.214	5.7	535,697	14.5	272
8/25/2025	5:00:00	7.3	2.733	2	535,725	14.4	274
8/25/2025	5:15:00	7.3	2.737	5.2	535,752	14.7	276
8/25/2025	5:30:00	7.3	2.729	1.4	535,789	14.4	274
8/25/2025	5:45:00	7.3	2.740	1.6	535,818	14.4	277
8/25/2025	6:00:00	7.3	2.612	1.3	535,854	14.2	277
8/25/2025	6:15:00	7.3	2.721	1.7	535,881	14.1	277

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	6:30:00	7.3	2.123	5.1	535,910	14.2	280
8/25/2025	7:00:00	7.3	2.718	2.1	535,975	14	280
8/25/2025	7:15:00	7.3	2.733	3.5	536,000	14.2	276
8/25/2025	7:30:00	7.3	2.733	1	536,037	14	277
8/25/2025	8:15:00	7.2	2.699	2.6	536,077	13.8	273
8/25/2025	9:00:00	7.3	2.695	7.7	536,152	13.8	273
8/25/2025	9:15:00	7.3	2.718	3.6	536,177	13.9	274
8/25/2025	9:30:00	7.3	2.733	1.5	536,204	14	275
8/25/2025	9:45:00	7.3	2.695	2.1	536,245	14	274
8/25/2025	10:30:00	7.4	2.392	4.4	536,315	14.8	113
8/25/2025	10:45:00	7.3	1.366	2.8	536,327	13.7	114
8/25/2025	11:00:00	7.3	0.318	2.7	536,356	13.9	115
8/25/2025	11:15:00	7.3	2.706	66.7	536,388	13.9	114
8/25/2025	11:30:00	7.2	2.718	9.2	536,417	14.1	114
8/25/2025	11:45:00	7.3	0.341	0.9	536,443	14.3	114
8/25/2025	12:00:00	7.2	2.218	2.5	536,463	14.3	116
8/25/2025	12:15:00	7.3	1.317	2.2	536,487	14.2	116
8/25/2025	12:30:00	7.3	2.680	1.1	536,517	14.3	116
8/25/2025	12:45:00	7.3	1.972	1	536,548	14.5	116
8/25/2025	13:00:00	7.2	2.173	1.2	536,581	14.5	116
8/25/2025	13:15:00	7.3	2.695	1.3	536,620	14.6	116
8/25/2025	13:30:00	7.3	1.575	2.8	536,657	14.8	117
8/25/2025	13:45:00	7.3	2.702	1.1	536,685	14.8	117
8/25/2025	14:00:00	7.3	0.265	0.8	536,720	14.8	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	14:15:00	7.3	0.273	0.5	536,738	14.9	117
8/25/2025	14:30:00	7.2	2.706	0.4	536,766	14.8	117
8/25/2025	14:45:00	7.3	2.135	4.1	536,795	14.9	117
8/25/2025	15:00:00	7.2	2.286	0.8	536,828	14.8	117
8/25/2025	15:15:00	7.2	2.710	0.2	536,857	14.7	117
8/25/2025	15:30:00	7.2	2.116	1	536,894	14.8	117
8/25/2025	15:45:00	7.2	2.706	0.8	536,921	14.7	117
8/25/2025	16:00:00	7.2	2.684	2.6	536,961	14.6	117
8/25/2025	16:15:00	7.2	2.184	3.2	536,988	14.8	273
8/25/2025	16:30:00	7.3	2.691	0	537,025	14.7	272
8/25/2025	17:15:00	7.3	2.687	0.1	537,079	14.7	271
8/25/2025	17:30:00	7.3	2.358	0	537,101	14.8	267
8/25/2025	17:45:00	7.3	2.555	0.3	537,120	14.9	267
8/25/2025	18:00:00	7.3	2.676	0	537,160	14.5	269
8/25/2025	18:30:00	7.3	2.672	0	537,219	14.4	269
8/25/2025	18:45:00	7.3	2.082	0	537,258	14.4	269
8/25/2025	19:00:00	7.3	2.150	0	537,281	14.4	269
8/25/2025	19:15:00	7.3	2.642	0	537,320	14.2	267
8/25/2025	19:30:00	7.3	2.142	0	537,345	14.5	269
8/25/2025	19:45:00	7.3	2.665	0	537,380	14.2	270
8/25/2025	20:00:00	7.3	2.668	0	537,420	14.2	270
8/25/2025	20:15:00	7.3	2.154	0	537,454	14.3	270
8/25/2025	20:30:00	7.3	2.676	0.1	537,491	14.2	270
8/25/2025	20:45:00	7.3	2.108	1.5	537,530	14.3	270

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	21:00:00	7.3	2.157	0.7	537,563	14.4	270
8/25/2025	21:15:00	7.3	2.676	0.6	537,603	14.3	270
8/25/2025	21:30:00	7.3	2.123	1.4	537,627	14.4	270
8/25/2025	21:45:00	7.3	2.706	1.1	537,652	14.4	268
8/25/2025	22:00:00	7.3	2.676	1.6	537,693	14.3	268
8/25/2025	22:30:00	7.3	2.691	1.5	537,751	14.2	270
8/25/2025	23:00:00	7.3	2.165	1.9	537,793	14.2	270
8/25/2025	23:15:00	7.4	2.680	1.7	537,833	14.1	270
8/25/2025	23:30:00	7.3	2.131	5.5	537,859	14.2	269
8/26/2025	0:00:00	7.3	2.695	2.7	537,922	14.1	270
8/26/2025	0:15:00	7.4	2.161	2.9	537,943	14.6	268
8/26/2025	0:30:00	7.4	2.699	1.5	537,980	14.7	269
8/26/2025	0:45:00	7.4	2.089	4.6	538,005	15.2	268
8/26/2025	1:15:00	7.5	2.676	4.1	538,039	15.1	268
8/26/2025	1:30:00	7.4	1.711	3.9	538,071	14.8	268
8/26/2025	1:45:00	7.4	2.082	16	538,110	14.8	268
8/26/2025	2:00:00	7.4	2.740	4.5	538,136	15	268
8/26/2025	2:15:00	7.4	2.729	2.4	538,160	15.7	272
8/26/2025	2:30:00	7.4	2.350	6.4	538,197	15.4	273
8/26/2025	2:45:00	7.4	2.199	5.4	538,222	15.4	273
8/26/2025	3:00:00	7.4	2.797	5	538,260	15.3	273
8/26/2025	3:15:00	7.4	2.801	3	538,287	15.4	273
8/26/2025	3:45:00	7.4	2.207	12.4	538,354	15.2	272
8/26/2025	4:00:00	7.4	2.782	4.3	538,392	15.2	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	4:15:00	7.4	2.793	1.5	538,418	15.2	273
8/26/2025	4:45:00	7.4	2.195	1.7	538,484	15.3	275
8/26/2025	5:00:00	7.3	2.801	0.5	538,511	15.2	273
8/26/2025	5:15:00	7.3	2.797	0.8	538,538	15.2	273
8/26/2025	5:30:00	7.4	2.203	1.8	538,575	15.2	273
8/26/2025	5:45:00	7.4	2.252	5.3	538,605	15	275
8/26/2025	6:15:00	7.3	2.771	1.1	538,666	14.8	273
8/26/2025	6:30:00	7.3	2.267	1.7	538,688	15.1	272
8/26/2025	7:00:00	7.3	2.782	0.7	538,757	15	272
8/26/2025	7:30:00	7.3	2.192	0.1	538,819	14.9	273
8/26/2025	7:45:00	7.3	2.233	1.1	538,848	14.8	272
8/26/2025	8:00:00	7.3	2.740	0	538,886	14.6	269
8/26/2025	8:15:00	7.3	2.755	0.6	538,913	14.4	269
8/26/2025	8:45:00	7.3	2.157	0.8	538,979	14.2	271
8/26/2025	9:00:00	7.3	2.782	0.4	539,006	14.1	270
8/26/2025	9:15:00	7.3	2.782	2.4	539,030	14.3	271
8/26/2025	9:30:00	7.3	1.525	0.5	539,056	14.3	271
8/26/2025	10:45:00	7.3	2.101	1.2	539,153	14.4	270
8/26/2025	11:00:00	7.3	2.653	1	539,190	14.4	270
8/26/2025	11:15:00	7.3	2.657	0.8	539,226	14.5	272
8/26/2025	11:30:00	7.3	2.097	0.4	539,261	14.6	272
8/26/2025	12:30:00	7.3	2.135	6.4	539,351	14.5	266
8/26/2025	12:45:00	7.3	2.082	0.4	539,388	14.6	266
8/26/2025	13:00:00	7.3	2.642	1.2	539,413	14.5	267

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	13:15:00	7.3	2.653	0.4	539,436	14.7	266
8/26/2025	13:45:00	7.3	2.161	1	539,499	14.7	269
8/26/2025	14:00:00	7.3	2.642	0	539,536	14.7	269
8/26/2025	14:15:00	7.3	2.653	0	539,560	14.8	269
8/26/2025	14:30:00	7.3	2.139	1.4	539,597	14.8	269
8/26/2025	14:45:00	7.3	2.078	0.6	539,634	14.9	269
8/26/2025	15:00:00	7.3	2.642	0	539,671	14.8	269
8/26/2025	15:45:00	7.3	2.161	0.7	539,753	15	269
8/26/2025	16:00:00	7.3	2.657	0.1	539,780	14.9	269
8/26/2025	16:15:00	7.3	2.657	0.2	539,815	14.8	269
8/26/2025	16:45:00	7.3	2.078	0.2	539,878	14.9	269
8/26/2025	17:00:00	7.3	2.661	1	539,915	14.8	269
8/26/2025	17:15:00	7.3	2.619	0.6	539,951	14.9	269
8/26/2025	18:00:00	7.3	2.638	1.5	540,036	14.8	269
8/26/2025	18:15:00	7.3	2.631	2	540,060	14.8	271
8/26/2025	18:30:00	7.3	2.112	3	540,095	14.8	271
8/26/2025	19:15:00	7.2	2.808	10.4	540,145	14.7	274
8/26/2025	19:30:00	7.2	2.812	8.1	540,168	14.7	273
8/26/2025	20:15:00	7.2	2.650	3	540,251	14.5	272
8/26/2025	20:30:00	7.3	2.086	3	540,286	14.5	272
8/26/2025	20:45:00	7.3	1.711	1.9	540,322	14.5	273
8/26/2025	21:00:00	7.3	2.684	2.3	540,347	14.5	275
8/26/2025	21:15:00	7.3	2.578	1.6	540,381	14.4	275
8/26/2025	21:30:00	7.3	2.581	3.2	540,415	14.6	276

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	21:45:00	7.3	2.040	4.6	540,452	14.7	274
8/26/2025	22:00:00	7.3	2.581	1.4	540,488	14.8	272
8/26/2025	22:15:00	7.3	2.574	2.1	540,522	15.1	273
8/26/2025	22:30:00	7.3	2.014	3.2	540,556	15.3	273
8/26/2025	23:00:00	7.3	2.589	2.1	540,617	15.4	273
8/26/2025	23:15:00	7.3	2.585	1.5	540,651	15.4	273
8/26/2025	23:30:00	7.3	1.264	3	540,683	15.4	273
8/26/2025	23:45:00	7.3	2.672	1.2	540,713	15.3	274
8/27/2025	0:30:00	7.2	2.820	3.4	540,771	15.2	273
8/27/2025	0:45:00	7.2	2.180	24.4	540,784	15.2	274
8/27/2025	1:00:00	7.2	2.861	23.4	540,816	15	274
8/27/2025	1:15:00	7.2	2.808	3.1	540,844	15.4	271
8/27/2025	1:30:00	7.2	2.597	5.4	540,867	15.5	271
8/27/2025	1:45:00	7.4	2.680	104.9	540,907	15.1	272
8/27/2025	2:00:00	7.5	2.589	13.3	540,935	15.3	271
8/27/2025	2:15:00	7.5	2.971	7.1	540,970	14.7	272
8/27/2025	2:30:00	7.5	2.740	5	541,003	14.6	272
8/27/2025	3:00:00	7.3	2.646	10.2	541,050	14.8	273
8/27/2025	3:15:00	7.3	2.661	10.2	541,079	14.9	273
8/27/2025	3:30:00	7.3	2.657	8.1	541,119	15	273
8/27/2025	3:45:00	7.3	2.131	9.3	541,141	15.1	272
8/27/2025	4:00:00	7.3	2.661	6.5	541,179	15.1	272
8/27/2025	4:45:00	7.2	2.668	4.4	541,267	15.5	273
8/27/2025	5:00:00	7.2	2.733	2.6	541,293	15.7	271

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	5:15:00	7.2	2.721	5.5	541,329	15.5	272
8/27/2025	5:30:00	7.2	2.646	6.3	541,359	15.5	272
8/27/2025	5:45:00	7.2	2.279	3.9	541,392	15.6	276
8/27/2025	6:00:00	7.2	2.718	4.9	541,420	15.5	274
8/27/2025	6:30:00	7.2	2.699	1.5	541,483	15.7	271
8/27/2025	6:45:00	7.2	2.702	2.9	541,512	15.5	273
8/27/2025	7:15:00	7.2	2.687	2.1	541,572	15	274
8/27/2025	7:30:00	7.2	2.218	3.4	541,598	14.9	274
8/27/2025	8:00:00	7.2	2.691	3.1	541,661	14.4	273
8/27/2025	8:30:00	7.2	2.687	3	541,724	14.4	274
8/27/2025	9:00:00	7.2	2.687	2.1	541,789	14.4	276
8/27/2025	9:15:00	7.2	2.706	2.3	541,815	14.4	274
8/27/2025	9:30:00	7.2	2.176	3.1	541,855	14.4	274
8/27/2025	9:45:00	7.2	2.135	4.3	541,879	14.7	275
8/27/2025	10:00:00	7.2	2.684	3	541,918	14.5	276
8/27/2025	10:45:00	7.2	2.691	3.6	542,005	14.6	275
8/27/2025	11:00:00	7.2	2.699	2.1	542,027	14.7	276
8/27/2025	11:15:00	7.2	2.729	3.2	542,048	14.9	274
8/27/2025	11:30:00	7.2	2.214	8.8	542,089	14.7	274
8/27/2025	12:00:00	7.2	2.714	6.2	542,152	14.8	274
8/27/2025	12:15:00	7.2	2.157	9.4	542,189	14.8	274
8/27/2025	12:30:00	7.2	2.680	6.6	542,219	14.7	274
8/27/2025	12:45:00	7.2	2.702	8.9	542,248	14.8	272
8/27/2025	13:00:00	7.2	2.684	1.6	542,283	14.9	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	13:30:00	7.2	2.203	9.9	542,323	14.9	269
8/27/2025	13:45:00	7.3	0.367	2.8	542,350	15.1	267
8/27/2025	14:00:00	7.2	2.714	3	542,388	15	269
8/27/2025	14:30:00	7.3	2.714	0.9	542,451	15.2	269
8/27/2025	14:45:00	7.3	2.600	3	542,479	15.3	269
8/27/2025	15:00:00	7.3	2.740	1.9	542,505	15.5	266
8/27/2025	15:15:00	7.3	2.714	1.4	542,541	15.3	267
8/27/2025	15:30:00	7.3	2.207	7.1	542,570	15.3	267
8/27/2025	15:45:00	7.3	2.146	1.6	542,604	15.4	267
8/27/2025	16:00:00	7.3	2.729	1.3	542,633	15.2	267
8/27/2025	16:15:00	7.3	2.199	2.5	542,671	15.3	266
8/27/2025	16:30:00	7.3	2.721	0.8	542,695	15.3	266
8/27/2025	16:45:00	7.3	2.695	1.6	542,736	15.2	266
8/27/2025	17:00:00	7.3	2.441	0.8	542,741	15.2	269
8/27/2025	17:15:00	7.3	2.691	0.7	542,777	15.3	269
8/27/2025	17:30:00	7.3	2.180	7.5	542,817	15.2	269
8/27/2025	17:45:00	7.3	2.142	2.2	542,842	15.3	266
8/27/2025	18:00:00	7.3	2.695	2.1	542,880	15.1	266
8/27/2025	18:30:00	7.3	2.729	6.3	542,943	15.2	266
8/27/2025	18:45:00	7.3	2.687	8.6	542,984	15.1	266
8/27/2025	19:00:00	7.3	2.173	5.5	543,008	15.1	267
8/27/2025	19:15:00	7.3	2.691	5.3	543,044	14.9	269
8/27/2025	19:45:00	7.3	2.078	4.2	543,069	14.9	267
8/27/2025	20:00:00	7.3	2.691	6.8	543,087	14.7	265

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	20:15:00	7.3	2.146	5.6	543,108	14.7	266
8/27/2025	20:30:00	7.3	2.714	12.6	543,131	14.6	265
8/27/2025	20:45:00	7.3	2.687	5.3	543,172	14.4	265
8/27/2025	21:00:00	7.4	1.764	5.7	543,199	14.1	263
8/27/2025	21:15:00	7.4	2.097	10.7	543,219	14.1	265
8/27/2025	21:45:00	7.3	2.695	7.5	543,281	14.2	265
8/27/2025	22:15:00	7.3	2.078	12.8	543,340	14.4	268
8/27/2025	22:30:00	7.4	2.456	7.8	543,363	14.6	268
8/27/2025	22:45:00	7.3	2.615	4.5	543,397	14.4	270
8/27/2025	23:00:00	7.3	2.642	2.7	543,420	14.4	270
8/27/2025	23:15:00	7.3	2.104	4.9	543,457	14.4	270
8/27/2025	23:30:00	7.3	2.101	3.2	543,494	14.3	270
8/27/2025	23:45:00	7.3	2.634	3.2	543,529	14.3	268
8/28/2025	0:00:00	7.3	2.691	11	543,554	14.5	267
8/28/2025	0:15:00	7.3	2.033	4.6	543,590	14.4	268
8/28/2025	0:30:00	7.3	2.619	4.2	543,628	14.3	268
8/28/2025	0:45:00	7.3	2.619	4.7	543,653	14.3	268
8/28/2025	1:00:00	7.3	2.615	3.3	543,686	14.4	268
8/28/2025	1:15:00	7.3	2.086	7.1	543,710	14.5	270
8/28/2025	1:30:00	7.3	2.051	4.4	543,747	14.4	270
8/28/2025	1:45:00	7.3	2.638	3.9	543,770	14.5	270
8/28/2025	2:30:00	7.3	2.627	4.2	543,851	15.4	262
8/28/2025	2:45:00	7.3	2.627	1.8	543,876	15.5	267
8/28/2025	3:00:00	7.4	2.627	1.3	543,910	15.6	268

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	3:15:00	7.4	2.082	4.8	543,947	15.7	269
8/28/2025	3:30:00	7.4	2.067	15.4	543,975	15.6	269
8/28/2025	3:45:00	7.4	2.631	3.5	544,009	15.6	269
8/28/2025	4:15:00	7.4	1.904	5.6	544,061	15.5	268
8/28/2025	4:30:00	7.3	2.528	5.7	544,087	15.3	268
8/28/2025	5:00:00	7.4	1.559	4.7	544,139	15.1	265
8/28/2025	5:15:00	7.3	2.600	5	544,169	14.9	266
8/28/2025	5:30:00	7.3	2.597	5.2	544,208	14.7	266
8/28/2025	5:45:00	7.3	2.578	2.4	544,241	14.7	268
8/28/2025	6:00:00	7.3	2.551	5.3	544,262	14.8	266
8/28/2025	6:15:00	7.3	2.014	6.7	544,286	14.7	268
8/28/2025	6:30:00	7.3	2.570	2.2	544,322	14.5	268
8/28/2025	6:45:00	7.3	2.593	1.6	544,356	14.5	268
8/28/2025	7:15:00	7.3	2.017	1.5	544,369	15.1	265
8/28/2025	7:30:00	7.3	2.608	1.4	544,406	14.9	265
8/28/2025	7:45:00	7.3	2.729	1.1	544,440	14.8	267
8/28/2025	8:00:00	7.3	2.653	2.5	544,476	14.7	266
8/28/2025	8:15:00	7.3	2.165	3.7	544,514	14.5	266
8/28/2025	8:30:00	7.3	2.646	6.6	544,551	14.5	266
8/28/2025	8:45:00	7.3	2.657	9.5	544,585	14.4	266
8/28/2025	9:00:00	7.3	2.055	15.7	544,610	14.4	267
8/28/2025	9:15:00	7.3	1.200	12.3	544,643	14.3	269
8/28/2025	9:30:00	7.3	2.627	9.4	544,676	14.3	268
8/28/2025	9:45:00	7.3	2.646	5	544,704	14.3	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	10:15:00	7.3	2.078	4	544,743	14.4	270
8/28/2025	10:30:00	7.3	2.615	2.1	544,779	14.4	270
8/28/2025	10:45:00	7.3	2.638	1.6	544,803	14.5	271
8/28/2025	11:00:00	7.3	2.528	4.3	544,828	14.6	270
8/28/2025	11:45:00	7.3	2.627	3.7	544,877	14.5	271
8/28/2025	12:00:00	7.2	2.615	6.2	544,895	14.7	271
8/28/2025	12:15:00	7.2	2.082	4.6	544,933	14.7	271
8/28/2025	12:30:00	7.2	2.650	7.3	544,960	14.8	271
8/28/2025	12:45:00	7.2	2.657	1.6	544,982	15	271
8/28/2025	13:00:00	7.2	2.604	3.2	545,017	15	271
8/28/2025	13:15:00	7.3	2.044	0.9	545,044	15.2	269
8/28/2025	13:30:00	7.2	2.631	0.9	545,081	15.1	271
8/28/2025	13:45:00	7.2	2.646	0.9	545,107	15.2	269
8/28/2025	14:15:00	7.2	2.104	1.3	545,170	15.3	271
8/28/2025	14:30:00	7.2	2.627	1	545,196	15.3	272
8/28/2025	14:45:00	7.2	2.612	0.8	545,230	15.4	272
8/28/2025	15:15:00	7.2	2.218	1.1	545,255	15.4	271
8/28/2025	15:45:00	7.4	2.604	0.1	545,299	15.4	271
8/28/2025	16:00:00	7.2	2.604	19.9	545,330	15.3	270
8/28/2025	16:15:00	7.2	2.093	3	545,356	15.3	272
8/28/2025	16:30:00	7.2	2.627	1.5	545,393	15.1	272
8/28/2025	16:45:00	7.2	2.653	1.4	545,418	15.2	270
8/28/2025	17:00:00	7.2	2.627	2.1	545,454	15.2	272
8/28/2025	17:15:00	7.2	2.033	5.2	545,481	15.3	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	18:00:00	7.2	2.627	1.9	545,563	15.3	273
8/28/2025	18:30:00	7.2	2.638	1.8	545,629	15.1	272
8/28/2025	18:45:00	7.2	2.653	1.7	545,652	15.2	272
8/28/2025	19:00:00	7.2	2.661	3	545,688	15.2	272
8/28/2025	19:15:00	7.3	1.998	7.3	545,716	15.1	272
8/28/2025	19:30:00	7.2	2.627	2.6	545,737	14.9	273
8/28/2025	19:45:00	7.2	1.571	3.9	545,764	14.7	273
8/28/2025	20:15:00	7.3	1.234	4.2	545,779	15.1	272
8/28/2025	20:30:00	7.3	1.147	2.3	545,783	14.7	271
8/28/2025	20:45:00	7.4	2.759	5.4	545,798	14.7	273
8/28/2025	21:00:00	7.2	2.426	0.8	545,837	14.8	275
8/28/2025	21:30:00	7.3	2.964	1.7	545,861	14.9	278
8/28/2025	21:45:00	7.3	2.952	1.7	545,901	15	282
8/28/2025	22:00:00	7.3	2.445	2.6	545,941	15.2	283
8/28/2025	22:30:00	7.3	3.293	2.1	546,010	15.2	282
8/28/2025	22:45:00	7.3	3.187	16.5	546,036	15.2	280
8/28/2025	23:15:00	7.3	2.403	2.5	546,074	15.2	275
8/28/2025	23:30:00	7.3	2.343	12.8	546,091	15.1	276
8/28/2025	23:45:00	7.3	2.328	2.7	546,101	15	276
8/29/2025	0:15:00	7.3	1.794	1.7	546,155	15	276
8/29/2025	0:30:00	7.3	2.850	2	546,191	14.9	277
8/29/2025	0:45:00	7.3	2.820	2	546,229	14.8	274
8/29/2025	1:00:00	7.3	2.827	2.4	546,247	14.8	269
8/29/2025	1:15:00	7.3	2.301	3.5	546,263	14.7	268

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	1:30:00	7.2	2.831	1.9	546,290	14.6	268
8/29/2025	1:45:00	7.2	2.816	1.6	546,328	14.5	268
8/29/2025	2:15:00	7.3	2.097	2.7	546,397	14.2	271
8/29/2025	2:30:00	7.2	2.392	1.1	546,424	14.4	271
8/29/2025	2:45:00	7.2	1.915	0.9	546,444	14.5	273
8/29/2025	3:00:00	7.2	2.536	1	546,467	14.4	273
8/29/2025	3:15:00	7.2	1.995	2.5	546,503	14.4	273
8/29/2025	3:45:00	7.3	1.223	8.1	546,559	14.4	276
8/29/2025	4:00:00	7.2	2.229	5.8	546,588	14.4	276
8/29/2025	4:15:00	7.3	1.987	4.2	546,624	14.3	276
8/29/2025	5:00:00	7.2	2.589	3.3	546,689	14.6	278
8/29/2025	5:15:00	7.2	2.040	3	546,727	14.5	276
8/29/2025	5:30:00	7.2	2.108	2.6	546,762	14.4	276
8/29/2025	5:45:00	7.2	2.615	0.9	546,799	14.4	276
8/29/2025	6:15:00	7.2	0.000	3.3	546,846	14.4	276
8/29/2025	6:30:00	7.3	2.157	6.3	546,871	14.2	274
8/29/2025	6:45:00	7.3	2.672	3	546,909	14.2	276
8/29/2025	7:30:00	7.2	2.093	1.7	546,990	14.3	276
8/29/2025	7:45:00	7.2	2.672	1.1	547,027	14.1	273
8/29/2025	8:00:00	7.2	2.676	2	547,053	14.1	273
8/29/2025	8:15:00	7.2	2.593	7.8	547,088	14.1	271
8/29/2025	8:30:00	7.2	2.123	6.5	547,127	14.1	272
8/29/2025	9:00:00	7.2	2.668	0.8	547,188	14.2	273
8/29/2025	9:15:00	7.2	2.123	1	547,223	14.3	272

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	9:30:00	7.2	2.055	1.1	547,261	14.3	272
8/29/2025	9:45:00	7.2	2.661	1.2	547,298	14.4	272
8/29/2025	10:00:00	7.2	2.653	0.6	547,334	14.5	273
8/29/2025	10:30:00	7.2	2.135	2.6	547,398	14.5	272
8/29/2025	10:45:00	7.2	2.668	1	547,435	14.5	272
8/29/2025	11:00:00	7.2	2.661	0.9	547,470	14.6	272
8/29/2025	11:15:00	7.3	2.116	2	547,495	14.8	272
8/29/2025	11:45:00	7.2	2.657	1.2	547,560	14.7	272
8/29/2025	12:00:00	7.3	2.680	0.9	547,584	14.9	273
8/29/2025	12:15:00	7.3	2.668	2.2	547,620	14.9	272
8/29/2025	12:45:00	7.3	2.676	1.4	547,687	14.9	272
8/29/2025	13:00:00	7.3	2.684	1.3	547,711	15.1	270
8/29/2025	13:15:00	7.3	2.142	1.9	547,747	15	272
8/29/2025	13:45:00	7.3	2.653	0.8	547,813	15	270
8/29/2025	14:15:00	7.3	2.650	1.2	547,873	15.1	269
8/29/2025	14:45:00	7.3	2.661	0.4	547,938	15.1	267
8/29/2025	15:15:00	7.3	2.525	1.2	547,998	15.2	269
8/29/2025	15:30:00	7.3	1.874	2.5	548,023	15.3	269
8/29/2025	15:45:00	7.3	2.665	1.1	548,060	15.2	269
8/29/2025	16:00:00	7.3	2.665	1	548,086	15.2	269
8/29/2025	16:15:00	7.3	2.653	1.5	548,122	15.2	269
8/29/2025	16:30:00	7.3	2.150	2.6	548,147	15.2	267
8/29/2025	16:45:00	7.3	2.646	1.6	548,184	15.2	269
8/29/2025	17:00:00	7.3	2.668	2.2	548,210	15.2	271

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	17:15:00	7.3	2.623	3.2	548,246	15.2	271
8/29/2025	17:30:00	7.3	2.101	3.9	548,284	15.2	271
8/29/2025	17:45:00	7.3	2.657	3.3	548,321	15.1	271
8/29/2025	18:00:00	7.3	2.661	1.2	548,348	15.1	271
8/29/2025	18:15:00	7.3	2.668	1.6	548,383	15.1	271
8/29/2025	18:30:00	7.3	2.142	2.7	548,410	15	270
8/29/2025	18:45:00	7.3	2.657	3.3	548,448	14.8	270
8/29/2025	19:00:00	7.2	2.665	1	548,473	14.8	268
8/29/2025	19:30:00	7.3	2.252	1.1	548,535	14.7	268
8/29/2025	19:45:00	7.3	1.646	2.3	548,554	14.7	268
8/29/2025	20:15:00	7.2	2.574	0.5	548,601	14.6	268
8/29/2025	20:30:00	7.2	2.589	20.9	548,640	14.5	268
8/29/2025	20:45:00	7.3	2.093	1.4	548,660	14.5	268
8/29/2025	21:00:00	7.2	2.684	0.8	548,697	14.4	268
8/29/2025	21:15:00	7.3	2.093	1.9	548,734	14.5	268
8/29/2025	21:30:00	7.3	2.188	4.7	548,769	14.5	268
8/29/2025	22:00:00	7.3	2.755	3.6	548,834	14.5	270
8/29/2025	22:15:00	7.3	2.763	4.3	548,862	14.4	270
8/29/2025	22:45:00	7.3	2.195	5.1	548,928	14.4	268
8/29/2025	23:00:00	7.3	2.782	6.5	548,957	14.3	268
8/29/2025	23:15:00	7.3	2.101	4.3	548,978	14.4	267
8/30/2025	0:15:00	7.3	2.744	4.5	549,076	14.1	268
8/30/2025	0:30:00	7.3	2.112	10.7	549,117	14	266
8/30/2025	1:15:00	7.3	1.934	5.8	549,131	14	266

Title WoodFibre Weekly Water Discharge Report

Revision:
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Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	1:30:00	7.2	2.744	1.7	549,160	14	268
8/30/2025	2:30:00	7.2	2.638	8.4	549,262	14	266
8/30/2025	2:45:00	7.2	2.744	2.1	549,288	13.9	266
8/30/2025	3:00:00	7.3	2.763	5.4	549,312	13.9	264
8/30/2025	3:15:00	7.2	1.787	3	549,347	13.9	264
8/30/2025	3:30:00	7.3	2.748	1.8	549,374	14	266
8/30/2025	4:15:00	7.2	2.385	2	549,454	14.1	268
8/30/2025	4:30:00	7.3	2.740	1.8	549,476	14.2	269
8/30/2025	4:45:00	7.3	2.744	2.1	549,512	14.1	271
8/30/2025	5:00:00	7.3	2.574	2.4	549,553	14.1	271
8/30/2025	5:15:00	7.2	2.161	4.3	549,578	14.1	269
8/30/2025	5:30:00	7.2	2.759	2	549,599	14.1	269
8/30/2025	5:45:00	7.2	2.089	3	549,637	14	268
8/30/2025	6:00:00	7.3	2.150	4.2	549,655	14.1	268
8/30/2025	6:15:00	7.2	2.748	3.8	549,675	14.1	268
8/30/2025	6:30:00	7.3	2.752	4.1	549,687	14.6	267
8/30/2025	6:45:00	7.3	2.759	2.8	549,713	14.6	268
8/30/2025	7:30:00	7.2	2.718	0.3	549,799	14.5	265
8/30/2025	7:45:00	7.2	2.142	1.4	549,837	14.3	265
8/30/2025	8:00:00	7.2	2.184	3	549,872	14.3	267
8/30/2025	8:15:00	7.2	2.718	1.9	549,913	14.3	268
8/30/2025	8:30:00	7.2	2.737	1.5	549,937	14.4	270
8/30/2025	8:45:00	7.2	2.721	1.7	549,974	14.4	272
8/30/2025	9:00:00	7.2	2.097	1.6	550,014	14.5	275

Title WoodFibre Weekly Water Discharge Report

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Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	9:15:00	7.2	2.192	2.2	550,040	14.6	275
8/30/2025	9:30:00	7.2	2.718	1	550,078	14.5	275
8/30/2025	9:45:00	7.3	2.101	1.6	550,104	14.7	275
8/30/2025	10:30:00	7.2	2.729	1	550,188	14.7	275
8/30/2025	10:45:00	7.3	2.759	1.2	550,215	14.8	275
8/30/2025	11:00:00	7.2	2.154	7	550,256	14.8	275
8/30/2025	11:15:00	7.3	2.207	2.8	550,281	14.9	275
8/30/2025	11:30:00	7.3	2.740	1.8	550,304	15	273
8/30/2025	11:45:00	7.3	1.942	4.3	550,330	15.1	275
8/30/2025	12:15:00	7.2	2.718	1.3	550,394	14.9	273
8/30/2025	12:30:00	7.2	2.737	1	550,418	14.9	273
8/30/2025	12:45:00	7.2	2.748	1	550,443	15	273
8/30/2025	13:00:00	7.2	2.157	7.5	550,484	14.8	273
8/30/2025	13:15:00	7.2	2.218	2.3	550,510	14.9	272
8/30/2025	13:30:00	7.2	2.759	0.9	550,536	15	272
8/30/2025	14:00:00	7.2	2.226	1.2	550,598	15.2	273
8/30/2025	14:15:00	7.2	2.718	1	550,639	15.1	272
8/30/2025	14:30:00	7.2	2.744	0.9	550,663	15.2	272
8/30/2025	14:45:00	7.2	2.725	0.9	550,685	15.2	272
8/30/2025	15:00:00	7.2	2.146	6.1	550,713	15.2	272
8/30/2025	15:45:00	7.3	2.142	3.5	550,736	15.5	272
8/30/2025	16:15:00	7.2	2.718	16.4	550,796	15.3	270
8/30/2025	16:30:00	7.2	2.737	1.7	550,822	15.4	270
8/30/2025	16:45:00	7.2	2.729	1.1	550,858	15.3	270

Title WoodFibre Weekly Water Discharge Report

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Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	17:00:00	7.3	2.154	5.3	550,883	15.3	270
8/30/2025	17:30:00	7.3	2.710	1.7	550,944	15.2	270
8/30/2025	17:45:00	7.3	2.139	2.6	550,964	15.4	270
8/30/2025	18:00:00	7.2	2.173	1.9	550,982	15.3	273
8/30/2025	18:15:00	7.3	2.733	1.1	551,009	15.2	270
8/30/2025	18:45:00	7.2	2.725	0.9	551,068	15	272
8/30/2025	19:00:00	7.2	2.139	4.6	551,095	15	270
8/30/2025	19:15:00	7.2	2.192	3.6	551,130	15	270
8/30/2025	19:30:00	7.2	2.718	1.6	551,168	14.9	270
8/30/2025	19:45:00	7.2	2.108	1.5	551,205	14.9	270
8/30/2025	20:00:00	7.3	2.173	1.5	551,240	14.8	270
8/30/2025	20:15:00	7.3	2.729	1.4	551,251	15.2	268
8/30/2025	20:45:00	7.2	2.472	5.7	551,282	14.7	272
8/30/2025	21:30:00	7.3	2.578	0.6	551,379	14.4	272
8/30/2025	21:45:00	7.3	0.000	0.5	551,404	14.3	271
8/30/2025	22:00:00	7.4	2.869	1.7	551,426	14.3	270
8/30/2025	22:15:00	7.3	2.036	3.4	551,459	14.1	269
8/30/2025	22:30:00	7.3	2.566	2.2	551,492	14.4	270
8/30/2025	22:45:00	7.3	2.252	0.8	551,525	14.4	271
8/30/2025	23:00:00	7.3	2.422	1.1	551,562	14.4	273
8/30/2025	23:15:00	7.3	0.352	2.1	551,597	14.6	271
8/30/2025	23:30:00	7.3	0.299	1.5	551,613	14.6	274
8/30/2025	23:45:00	7.3	0.413	0.7	551,636	14.5	276
8/31/2025	0:00:00	7.3	0.405	0.9	551,661	14.5	273

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August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	0:15:00	7.2	2.653	0.9	551,692	14.3	273
8/31/2025	0:30:00	7.3	2.415	0.4	551,731	14.3	273
8/31/2025	0:45:00	7.3	2.139	1.5	551,763	14.3	273
8/31/2025	1:00:00	7.3	2.676	1.9	551,801	14.2	271
8/31/2025	1:15:00	7.3	2.002	0.9	551,838	14.3	272
8/31/2025	1:30:00	7.3	2.642	1	551,858	14.4	273
8/31/2025	1:45:00	7.2	2.631	1.3	551,897	14.1	271
8/31/2025	2:00:00	7.3	2.396	1.7	551,926	14.2	271
8/31/2025	2:15:00	7.3	0.348	0.7	551,957	14	271
8/31/2025	2:30:00	7.3	2.619	0.8	551,991	14	273
8/31/2025	2:45:00	7.3	0.322	1.2	552,012	14.1	271
8/31/2025	3:00:00	7.2	2.214	5.7	552,020	13.9	273
8/31/2025	3:15:00	7.4	2.377	4.5	552,043	14	274
8/31/2025	3:30:00	7.3	2.506	1.4	552,079	13.9	274
8/31/2025	3:45:00	7.3	1.934	1.1	552,115	14.2	275
8/31/2025	4:00:00	7.3	2.010	1.2	552,147	14.4	273
8/31/2025	4:15:00	7.3	2.472	1.1	552,182	14.5	273
8/31/2025	4:30:00	7.3	2.036	0.9	552,215	14.7	273
8/31/2025	4:45:00	7.3	2.479	0.9	552,241	14.9	274
8/31/2025	5:00:00	7.3	2.494	1	552,265	14.9	274
8/31/2025	5:15:00	7.3	1.707	3.6	552,296	14.8	274
8/31/2025	5:30:00	7.4	2.104	3.9	552,326	14.7	272
8/31/2025	5:45:00	7.3	2.150	2.6	552,349	14.9	276
8/31/2025	6:00:00	7.3	2.210	2.5	552,385	15	274

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range August 25, 2025 to August 31, 2025

Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	6:15:00	7.3	2.733	1.1	552,409	15	274
8/31/2025	7:00:00	7.3	2.737	1.2	552,479	15.1	273
8/31/2025	7:15:00	7.3	2.737	0.9	552,503	15.3	271
8/31/2025	7:30:00	7.3	2.740	0.6	552,527	15.1	269
8/31/2025	8:15:00	7.2	2.725	0	552,620	14.7	269
8/31/2025	8:30:00	7.2	2.691	0.3	552,655	15	269
8/31/2025	8:45:00	7.2	2.733	0.5	552,672	15	269
8/31/2025	9:15:00	7.2	2.706	2	552,722	15.1	269
8/31/2025	9:45:00	7.3	2.078	1.8	552,774	15.5	268
8/31/2025	10:15:00	7.2	2.718	23.1	552,820	15.8	268
8/31/2025	10:30:00	7.2	2.714	4.7	552,856	15.9	269
8/31/2025	10:45:00	7.2	2.131	1.7	552,892	15.9	269
8/31/2025	11:00:00	7.2	2.718	2.1	552,933	15.8	269
8/31/2025	11:15:00	7.3	2.699	2.1	552,968	15.9	270
8/31/2025	11:30:00	7.3	2.748	1.8	552,981	16.2	271
8/31/2025	11:45:00	7.3	2.101	1.9	553,020	16	271
8/31/2025	12:15:00	7.2	2.706	0.8	553,041	15.9	271
8/31/2025	12:45:00	7.3	2.180	2	553,095	16	271
8/31/2025	13:00:00	7.2	2.702	2.3	553,135	15.7	269
8/31/2025	13:30:00	7.3	2.725	1.6	553,174	15.9	269
8/31/2025	13:45:00	7.3	2.097	2.3	553,212	15.8	271
8/31/2025	14:00:00	7.3	2.150	3.2	553,219	16.3	271
8/31/2025	14:15:00	7.3	2.725	4.2	553,257	15.8	271
8/31/2025	14:30:00	7.3	2.702	5	553,292	15.9	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	15:00:00	7.3	2.702	3	553,345	15.8	272
8/31/2025	15:15:00	7.3	2.710	2.1	553,380	15.8	272
8/31/2025	15:30:00	7.3	2.725	2.4	553,416	15.9	272
8/31/2025	15:45:00	7.3	2.104	4.4	553,454	16	271
8/31/2025	16:15:00	7.3	2.718	3.8	553,479	16	271
8/31/2025	16:30:00	7.3	2.684	5.2	553,514	16.3	271
8/31/2025	16:45:00	7.3	2.139	3.9	553,550	16.1	272
8/31/2025	17:00:00	7.3	2.657	4.7	553,590	15.9	271
8/31/2025	17:15:00	7.3	2.676	2.5	553,625	15.9	271
8/31/2025	17:45:00	7.3	2.104	1.7	553,674	15.9	271
8/31/2025	18:15:00	7.2	2.691	2.5	553,718	15.9	271
8/31/2025	18:30:00	7.3	2.691	1.6	553,753	16.1	271
8/31/2025	18:45:00	7.3	2.070	1.3	553,788	15.9	272
8/31/2025	19:00:00	7.3	2.684	1.9	553,828	15.5	272
8/31/2025	19:15:00	7.2	2.718	1.9	553,843	15.9	272
8/31/2025	19:30:00	7.2	2.710	2	553,878	15.4	273
8/31/2025	19:45:00	7.3	2.029	1.6	553,915	15.3	272
8/31/2025	20:00:00	7.3	2.070	1.1	553,951	15.1	272
8/31/2025	20:15:00	7.2	2.672	0.7	553,988	15	270
8/31/2025	20:45:00	7.3	2.070	0.9	554,035	15.3	268
8/31/2025	21:00:00	7.3	2.668	1.5	554,075	15	272
8/31/2025	21:30:00	7.3	2.691	0.8	554,126	15	271
8/31/2025	21:45:00	7.3	2.063	1.3	554,164	14.9	271
8/31/2025	22:00:00	7.3	2.116	0.9	554,200	14.8	272

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	22:15:00	7.3	2.653	1.7	554,237	14.7	273
8/31/2025	22:45:00	7.3	2.127	1.5	554,290	14.9	272
8/31/2025	23:00:00	7.3	2.684	1.3	554,329	14.7	272
8/31/2025	23:15:00	7.3	2.676	1.8	554,364	14.8	272
8/31/2025	23:30:00	7.3	2.676	1.1	554,399	14.8	272

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
08/25/2025	13.9	9.88	120.7	0.07	7.64	115.1	3.88
08/26/2025	14.7	9.89	120.2	0.07	7.84	127.1	3.73
08/27/2025	15.7	9.61	121.2	0.07	7.57	123.6	5.76
08/28/2025	14.8	9.31	119.4	0.07	7.41	120.3	3.12
08/29/2025	13.5	9.94	121.2	0.07	7.22	119.3	2.81
08/30/2025	14.9	9.42	124.3	0.07	7.58	122.9	4.30
08/31/2025	16.1	9.12	121.8	0.07	7.19	120.0	1.98

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
08/27/2025	YSI	✓	✓	✓	✓
08/27/2025	WTP	✓	N/A	N/A	✓

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

APPENDIX A: WTP Log

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	0:00:00	7.2	2.752	1	535,148	Open	14	273
8/25/2025	0:15:00	7.3	2.752	1.3	535,173	Open	14	273
8/25/2025	0:30:00	7.3	2.157	1.7	535,197	Open	14.2	271
8/25/2025	0:45:00	7.3	0.000	1.2	535,230	Closed	14.1	271
8/25/2025	1:00:00	7.3	2.748	1.5	535,263	Open	13.9	269
8/25/2025	1:15:00	7.3	2.740	1.7	535,291	Open	14	269
8/25/2025	1:30:00	7.3	0.000	0.8	535,320	Closed	14	270
8/25/2025	1:45:00	7.2	2.755	0.8	535,359	Open	13.8	269
8/25/2025	2:00:00	7.2	2.755	0.9	535,386	Open	13.8	270
8/25/2025	2:15:00	7.2	2.767	0.4	535,412	Open	14	271
8/25/2025	2:30:00	7.3	0.000	0.3	535,441	Closed	14.4	270
8/25/2025	2:45:00	7.3	2.203	1.6	535,464	Open	15	269
8/25/2025	3:00:00	7.3	2.778	0.9	535,477	Open	14.6	266
8/25/2025	3:15:00	7.3	0.193	2.8	535,506	Closed	14.8	268
8/25/2025	3:30:00	7.3	2.740	10.7	535,539	Open	14.5	271
8/25/2025	3:45:00	7.3	2.850	7.3	535,568	Open	14.6	274
8/25/2025	4:00:00	7.3	2.725	2.4	535,605	Open	14.3	271
8/25/2025	4:15:00	7.3	2.752	11.7	535,632	Open	14.4	272
8/25/2025	4:30:00	7.3	0.678	1.6	535,671	Closed	14.5	271
8/25/2025	4:45:00	7.3	2.214	5.7	535,697	Open	14.5	272
8/25/2025	5:00:00	7.3	2.733	2	535,725	Open	14.4	274
8/25/2025	5:15:00	7.3	2.737	5.2	535,752	Open	14.7	276
8/25/2025	5:30:00	7.3	2.729	1.4	535,789	Open	14.4	274
8/25/2025	5:45:00	7.3	2.740	1.6	535,818	Open	14.4	277

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	6:00:00	7.3	2.612	1.3	535,854	Open	14.2	277
8/25/2025	6:15:00	7.3	2.721	1.7	535,881	Open	14.1	277
8/25/2025	6:30:00	7.3	2.123	5.1	535,910	Open	14.2	280
8/25/2025	6:45:00	7.3	0.000	5.4	535,940	Closed	14.1	280
8/25/2025	7:00:00	7.3	2.718	2.1	535,975	Open	14	280
8/25/2025	7:15:00	7.3	2.733	3.5	536,000	Open	14.2	276
8/25/2025	7:30:00	7.3	2.733	1	536,037	Open	14	277
8/25/2025	7:45:00	7.3	2.710	1.2	536,044	Closed	13.9	274
8/25/2025	8:00:00	7.3	0.666	0.9	536,044	Closed	14.1	277
8/25/2025	8:15:00	7.2	2.699	2.6	536,077	Open	13.8	273
8/25/2025	8:30:00	7.3	0.000	0.5	536,097	Closed	13.9	274
8/25/2025	8:45:00	7.3	0.000	2.1	536,121	Closed	13.9	273
8/25/2025	9:00:00	7.3	2.695	7.7	536,152	Open	13.8	273
8/25/2025	9:15:00	7.3	2.718	3.6	536,177	Open	13.9	274
8/25/2025	9:30:00	7.3	2.733	1.5	536,204	Open	14	275
8/25/2025	9:45:00	7.3	2.695	2.1	536,245	Open	14	274
8/25/2025	10:00:00	7.4	2.010	399.7	536,268	Closed	14.1	116
8/25/2025	10:15:00	7.5	2.589	89.6	536,278	Closed	14.1	281
8/25/2025	10:30:00	7.4	2.392	4.4	536,315	Open	14.8	113
8/25/2025	10:45:00	7.3	1.366	2.8	536,327	Open	13.7	114
8/25/2025	11:00:00	7.3	0.318	2.7	536,356	Open	13.9	115
8/25/2025	11:15:00	7.3	2.706	66.7	536,388	Open	13.9	114
8/25/2025	11:30:00	7.2	2.718	9.2	536,417	Open	14.1	114
8/25/2025	11:45:00	7.3	0.341	0.9	536,443	Open	14.3	114
8/25/2025	12:00:00	7.2	2.218	2.5	536,463	Open	14.3	116

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	12:15:00	7.3	1.317	2.2	536,487	Open	14.2	116
8/25/2025	12:30:00	7.3	2.680	1.1	536,517	Open	14.3	116
8/25/2025	12:45:00	7.3	1.972	1	536,548	Open	14.5	116
8/25/2025	13:00:00	7.2	2.173	1.2	536,581	Open	14.5	116
8/25/2025	13:15:00	7.3	2.695	1.3	536,620	Open	14.6	116
8/25/2025	13:30:00	7.3	1.575	2.8	536,657	Open	14.8	117
8/25/2025	13:45:00	7.3	2.702	1.1	536,685	Open	14.8	117
8/25/2025	14:00:00	7.3	0.265	0.8	536,720	Open	14.8	117
8/25/2025	14:15:00	7.3	0.273	0.5	536,738	Open	14.9	117
8/25/2025	14:30:00	7.2	2.706	0.4	536,766	Open	14.8	117
8/25/2025	14:45:00	7.3	2.135	4.1	536,795	Open	14.9	117
8/25/2025	15:00:00	7.2	2.286	0.8	536,828	Open	14.8	117
8/25/2025	15:15:00	7.2	2.710	0.2	536,857	Open	14.7	117
8/25/2025	15:30:00	7.2	2.116	1	536,894	Open	14.8	117
8/25/2025	15:45:00	7.2	2.706	0.8	536,921	Open	14.7	117
8/25/2025	16:00:00	7.2	2.684	2.6	536,961	Open	14.6	117
8/25/2025	16:15:00	7.2	2.184	3.2	536,988	Open	14.8	273
8/25/2025	16:30:00	7.3	2.691	0	537,025	Open	14.7	272
8/25/2025	16:45:00	7.3	1.953	0.4	537,064	Closed	14.7	271
8/25/2025	17:00:00	7.3	1.968	0	537,064	Closed	14.6	270
8/25/2025	17:15:00	7.3	2.687	0.1	537,079	Open	14.7	271
8/25/2025	17:30:00	7.3	2.358	0	537,101	Open	14.8	267
8/25/2025	17:45:00	7.3	2.555	0.3	537,120	Open	14.9	267
8/25/2025	18:00:00	7.3	2.676	0	537,160	Open	14.5	269
8/25/2025	18:15:00	7.4	1.911	0.2	537,183	Closed	14.7	267

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/25/2025	18:30:00	7.3	2.672	0	537,219	Open	14.4	269
8/25/2025	18:45:00	7.3	2.082	0	537,258	Open	14.4	269
8/25/2025	19:00:00	7.3	2.150	0	537,281	Open	14.4	269
8/25/2025	19:15:00	7.3	2.642	0	537,320	Open	14.2	267
8/25/2025	19:30:00	7.3	2.142	0	537,345	Open	14.5	269
8/25/2025	19:45:00	7.3	2.665	0	537,380	Open	14.2	270
8/25/2025	20:00:00	7.3	2.668	0	537,420	Open	14.2	270
8/25/2025	20:15:00	7.3	2.154	0	537,454	Open	14.3	270
8/25/2025	20:30:00	7.3	2.676	0.1	537,491	Open	14.2	270
8/25/2025	20:45:00	7.3	2.108	1.5	537,530	Open	14.3	270
8/25/2025	21:00:00	7.3	2.157	0.7	537,563	Open	14.4	270
8/25/2025	21:15:00	7.3	2.676	0.6	537,603	Open	14.3	270
8/25/2025	21:30:00	7.3	2.123	1.4	537,627	Open	14.4	270
8/25/2025	21:45:00	7.3	2.706	1.1	537,652	Open	14.4	268
8/25/2025	22:00:00	7.3	2.676	1.6	537,693	Open	14.3	268
8/25/2025	22:15:00	7.4	1.953	1.3	537,714	Closed	14.5	267
8/25/2025	22:30:00	7.3	2.691	1.5	537,751	Open	14.2	270
8/25/2025	22:45:00	7.4	0.227	4.4	537,782	Closed	14.3	268
8/25/2025	23:00:00	7.3	2.165	1.9	537,793	Open	14.2	270
8/25/2025	23:15:00	7.4	2.680	1.7	537,833	Open	14.1	270
8/25/2025	23:30:00	7.3	2.131	5.5	537,859	Open	14.2	269
8/25/2025	23:45:00	7.4	0.231	2.3	537,883	Closed	14.2	268
8/26/2025	0:00:00	7.3	2.695	2.7	537,922	Open	14.1	270
8/26/2025	0:15:00	7.4	2.161	2.9	537,943	Open	14.6	268
8/26/2025	0:30:00	7.4	2.699	1.5	537,980	Open	14.7	269

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	0:45:00	7.4	2.089	4.6	538,005	Open	15.2	268
8/26/2025	1:00:00	7.5	1.722	3.2	538,035	Closed	14.9	268
8/26/2025	1:15:00	7.5	2.676	4.1	538,039	Open	15.1	268
8/26/2025	1:30:00	7.4	1.711	3.9	538,071	Open	14.8	268
8/26/2025	1:45:00	7.4	2.082	16	538,110	Open	14.8	268
8/26/2025	2:00:00	7.4	2.740	4.5	538,136	Open	15	268
8/26/2025	2:15:00	7.4	2.729	2.4	538,160	Open	15.7	272
8/26/2025	2:30:00	7.4	2.350	6.4	538,197	Open	15.4	273
8/26/2025	2:45:00	7.4	2.199	5.4	538,222	Open	15.4	273
8/26/2025	3:00:00	7.4	2.797	5	538,260	Open	15.3	273
8/26/2025	3:15:00	7.4	2.801	3	538,287	Open	15.4	273
8/26/2025	3:30:00	7.4	0.193	4	538,315	Closed	15.5	273
8/26/2025	3:45:00	7.4	2.207	12.4	538,354	Open	15.2	272
8/26/2025	4:00:00	7.4	2.782	4.3	538,392	Open	15.2	272
8/26/2025	4:15:00	7.4	2.793	1.5	538,418	Open	15.2	273
8/26/2025	4:30:00	7.4	0.167	8.9	538,446	Closed	15.4	273
8/26/2025	4:45:00	7.4	2.195	1.7	538,484	Open	15.3	275
8/26/2025	5:00:00	7.3	2.801	0.5	538,511	Open	15.2	273
8/26/2025	5:15:00	7.3	2.797	0.8	538,538	Open	15.2	273
8/26/2025	5:30:00	7.4	2.203	1.8	538,575	Open	15.2	273
8/26/2025	5:45:00	7.4	2.252	5.3	538,605	Open	15	275
8/26/2025	6:00:00	7.4	0.000	2.2	538,638	Closed	15	272
8/26/2025	6:15:00	7.3	2.771	1.1	538,666	Open	14.8	273
8/26/2025	6:30:00	7.3	2.267	1.7	538,688	Open	15.1	272
8/26/2025	6:45:00	7.4	0.174	1.5	538,722	Closed	15.1	270

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	7:00:00	7.3	2.782	0.7	538,757	Open	15	272
8/26/2025	7:15:00	7.4	0.136	0.7	538,784	Closed	15	270
8/26/2025	7:30:00	7.3	2.192	0.1	538,819	Open	14.9	273
8/26/2025	7:45:00	7.3	2.233	1.1	538,848	Open	14.8	272
8/26/2025	8:00:00	7.3	2.740	0	538,886	Open	14.6	269
8/26/2025	8:15:00	7.3	2.755	0.6	538,913	Open	14.4	269
8/26/2025	8:30:00	7.4	0.314	0.5	538,943	Closed	14.4	270
8/26/2025	8:45:00	7.3	2.157	0.8	538,979	Open	14.2	271
8/26/2025	9:00:00	7.3	2.782	0.4	539,006	Open	14.1	270
8/26/2025	9:15:00	7.3	2.782	2.4	539,030	Open	14.3	271
8/26/2025	9:30:00	7.3	1.525	0.5	539,056	Open	14.3	271
8/26/2025	9:45:00	7.3	0.000	0.7	539,074	Closed	14.2	270
8/26/2025	10:00:00	7.4	0.000	0.4	539,087	Closed	14.3	268
8/26/2025	10:15:00	7.4	0.000	1.1	539,098	Closed	14.5	268
8/26/2025	10:30:00	7.4	0.000	1	539,118	Closed	14.5	268
8/26/2025	10:45:00	7.3	2.101	1.2	539,153	Open	14.4	270
8/26/2025	11:00:00	7.3	2.653	1	539,190	Open	14.4	270
8/26/2025	11:15:00	7.3	2.657	0.8	539,226	Open	14.5	272
8/26/2025	11:30:00	7.3	2.097	0.4	539,261	Open	14.6	272
8/26/2025	11:45:00	7.3	2.097	1.5	539,283	Closed	14.5	270
8/26/2025	12:00:00	7.4	0.863	0.3	539,283	Closed	14.6	267
8/26/2025	12:15:00	7.3	2.774	23.9	539,316	Closed	14.5	266
8/26/2025	12:30:00	7.3	2.135	6.4	539,351	Open	14.5	266
8/26/2025	12:45:00	7.3	2.082	0.4	539,388	Open	14.6	266
8/26/2025	13:00:00	7.3	2.642	1.2	539,413	Open	14.5	267

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	13:15:00	7.3	2.653	0.4	539,436	Open	14.7	266
8/26/2025	13:30:00	7.4	0.000	0	539,463	Closed	14.8	267
8/26/2025	13:45:00	7.3	2.161	1	539,499	Open	14.7	269
8/26/2025	14:00:00	7.3	2.642	0	539,536	Open	14.7	269
8/26/2025	14:15:00	7.3	2.653	0	539,560	Open	14.8	269
8/26/2025	14:30:00	7.3	2.139	1.4	539,597	Open	14.8	269
8/26/2025	14:45:00	7.3	2.078	0.6	539,634	Open	14.9	269
8/26/2025	15:00:00	7.3	2.642	0	539,671	Open	14.8	269
8/26/2025	15:15:00	7.3	0.000	0	539,695	Closed	15	267
8/26/2025	15:30:00	7.3	0.000	0.4	539,721	Closed	15.1	269
8/26/2025	15:45:00	7.3	2.161	0.7	539,753	Open	15	269
8/26/2025	16:00:00	7.3	2.657	0.1	539,780	Open	14.9	269
8/26/2025	16:15:00	7.3	2.657	0.2	539,815	Open	14.8	269
8/26/2025	16:30:00	7.3	0.000	2.2	539,850	Closed	14.8	269
8/26/2025	16:45:00	7.3	2.078	0.2	539,878	Open	14.9	269
8/26/2025	17:00:00	7.3	2.661	1	539,915	Open	14.8	269
8/26/2025	17:15:00	7.3	2.619	0.6	539,951	Open	14.9	269
8/26/2025	17:30:00	7.3	0.000	4.7	539,975	Closed	15	269
8/26/2025	17:45:00	7.3	0.000	1.2	540,002	Closed	14.9	267
8/26/2025	18:00:00	7.3	2.638	1.5	540,036	Open	14.8	269
8/26/2025	18:15:00	7.3	2.631	2	540,060	Open	14.8	271
8/26/2025	18:30:00	7.3	2.112	3	540,095	Open	14.8	271
8/26/2025	18:45:00	7.3	1.908	8.5	540,117	Closed	14.7	274
8/26/2025	19:00:00	7.3	0.780	5.2	540,118	Closed	14.8	274
8/26/2025	19:15:00	7.2	2.808	10.4	540,145	Open	14.7	274

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/26/2025	19:30:00	7.2	2.812	8.1	540,168	Open	14.7	273
8/26/2025	19:45:00	7.2	0.401	4.4	540,204	Closed	14.6	273
8/26/2025	20:00:00	7.2	0.625	1.9	540,229	Closed	14.5	272
8/26/2025	20:15:00	7.2	2.650	3	540,251	Open	14.5	272
8/26/2025	20:30:00	7.3	2.086	3	540,286	Open	14.5	272
8/26/2025	20:45:00	7.3	1.711	1.9	540,322	Open	14.5	273
8/26/2025	21:00:00	7.3	2.684	2.3	540,347	Open	14.5	275
8/26/2025	21:15:00	7.3	2.578	1.6	540,381	Open	14.4	275
8/26/2025	21:30:00	7.3	2.581	3.2	540,415	Open	14.6	276
8/26/2025	21:45:00	7.3	2.040	4.6	540,452	Open	14.7	274
8/26/2025	22:00:00	7.3	2.581	1.4	540,488	Open	14.8	272
8/26/2025	22:15:00	7.3	2.574	2.1	540,522	Open	15.1	273
8/26/2025	22:30:00	7.3	2.014	3.2	540,556	Open	15.3	273
8/26/2025	22:45:00	7.4	0.201	6.6	540,587	Closed	15.5	274
8/26/2025	23:00:00	7.3	2.589	2.1	540,617	Open	15.4	273
8/26/2025	23:15:00	7.3	2.585	1.5	540,651	Open	15.4	273
8/26/2025	23:30:00	7.3	1.264	3	540,683	Open	15.4	273
8/26/2025	23:45:00	7.3	2.672	1.2	540,713	Open	15.3	274
8/27/2025	0:00:00	7.3	2.691	2.1	540,732	Closed	15.3	273
8/27/2025	0:15:00	7.2	2.714	0.8	540,732	Closed	15.4	273
8/27/2025	0:30:00	7.2	2.820	3.4	540,771	Open	15.2	273
8/27/2025	0:45:00	7.2	2.180	24.4	540,784	Open	15.2	274
8/27/2025	1:00:00	7.2	2.861	23.4	540,816	Open	15	274
8/27/2025	1:15:00	7.2	2.808	3.1	540,844	Open	15.4	271
8/27/2025	1:30:00	7.2	2.597	5.4	540,867	Open	15.5	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	1:45:00	7.4	2.680	104.9	540,907	Open	15.1	272
8/27/2025	2:00:00	7.5	2.589	13.3	540,935	Open	15.3	271
8/27/2025	2:15:00	7.5	2.971	7.1	540,970	Open	14.7	272
8/27/2025	2:30:00	7.5	2.740	5	541,003	Open	14.6	272
8/27/2025	2:45:00	7.4	0.000	5.5	541,036	Closed	14.9	271
8/27/2025	3:00:00	7.3	2.646	10.2	541,050	Open	14.8	273
8/27/2025	3:15:00	7.3	2.661	10.2	541,079	Open	14.9	273
8/27/2025	3:30:00	7.3	2.657	8.1	541,119	Open	15	273
8/27/2025	3:45:00	7.3	2.131	9.3	541,141	Open	15.1	272
8/27/2025	4:00:00	7.3	2.661	6.5	541,179	Open	15.1	272
8/27/2025	4:15:00	7.3	0.000	14.2	541,207	Closed	15.2	272
8/27/2025	4:30:00	7.3	0.000	4.2	541,236	Closed	15.3	271
8/27/2025	4:45:00	7.2	2.668	4.4	541,267	Open	15.5	273
8/27/2025	5:00:00	7.2	2.733	2.6	541,293	Open	15.7	271
8/27/2025	5:15:00	7.2	2.721	5.5	541,329	Open	15.5	272
8/27/2025	5:30:00	7.2	2.646	6.3	541,359	Open	15.5	272
8/27/2025	5:45:00	7.2	2.279	3.9	541,392	Open	15.6	276
8/27/2025	6:00:00	7.2	2.718	4.9	541,420	Open	15.5	274
8/27/2025	6:15:00	7.3	0.000	2.3	541,456	Closed	15.6	274
8/27/2025	6:30:00	7.2	2.699	1.5	541,483	Open	15.7	271
8/27/2025	6:45:00	7.2	2.702	2.9	541,512	Open	15.5	273
8/27/2025	7:00:00	7.3	0.000	4.3	541,543	Closed	15.3	272
8/27/2025	7:15:00	7.2	2.687	2.1	541,572	Open	15	274
8/27/2025	7:30:00	7.2	2.218	3.4	541,598	Open	14.9	274
8/27/2025	7:45:00	7.2	0.000	3	541,631	Closed	14.6	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	8:00:00	7.2	2.691	3.1	541,661	Open	14.4	273
8/27/2025	8:15:00	7.3	0.000	6.2	541,692	Closed	14.4	272
8/27/2025	8:30:00	7.2	2.687	3	541,724	Open	14.4	274
8/27/2025	8:45:00	7.3	0.000	1.7	541,757	Closed	14.3	274
8/27/2025	9:00:00	7.2	2.687	2.1	541,789	Open	14.4	276
8/27/2025	9:15:00	7.2	2.706	2.3	541,815	Open	14.4	274
8/27/2025	9:30:00	7.2	2.176	3.1	541,855	Open	14.4	274
8/27/2025	9:45:00	7.2	2.135	4.3	541,879	Open	14.7	275
8/27/2025	10:00:00	7.2	2.684	3	541,918	Open	14.5	276
8/27/2025	10:15:00	7.3	0.000	7.4	541,948	Closed	14.6	274
8/27/2025	10:30:00	7.3	0.000	1.4	541,970	Closed	14.7	276
8/27/2025	10:45:00	7.2	2.691	3.6	542,005	Open	14.6	275
8/27/2025	11:00:00	7.2	2.699	2.1	542,027	Open	14.7	276
8/27/2025	11:15:00	7.2	2.729	3.2	542,048	Open	14.9	274
8/27/2025	11:30:00	7.2	2.214	8.8	542,089	Open	14.7	274
8/27/2025	11:45:00	7.2	0.000	6	542,116	Closed	14.8	272
8/27/2025	12:00:00	7.2	2.714	6.2	542,152	Open	14.8	274
8/27/2025	12:15:00	7.2	2.157	9.4	542,189	Open	14.8	274
8/27/2025	12:30:00	7.2	2.680	6.6	542,219	Open	14.7	274
8/27/2025	12:45:00	7.2	2.702	8.9	542,248	Open	14.8	272
8/27/2025	13:00:00	7.2	2.684	1.6	542,283	Open	14.9	271
8/27/2025	13:15:00	7.2	2.585	1.7	542,303	Closed	14.8	271
8/27/2025	13:30:00	7.2	2.203	9.9	542,323	Open	14.9	269
8/27/2025	13:45:00	7.3	0.367	2.8	542,350	Open	15.1	267
8/27/2025	14:00:00	7.2	2.714	3	542,388	Open	15	269

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	14:15:00	7.3	0.000	2.7	542,420	Closed	15.2	267
8/27/2025	14:30:00	7.3	2.714	0.9	542,451	Open	15.2	269
8/27/2025	14:45:00	7.3	2.600	3	542,479	Open	15.3	269
8/27/2025	15:00:00	7.3	2.740	1.9	542,505	Open	15.5	266
8/27/2025	15:15:00	7.3	2.714	1.4	542,541	Open	15.3	267
8/27/2025	15:30:00	7.3	2.207	7.1	542,570	Open	15.3	267
8/27/2025	15:45:00	7.3	2.146	1.6	542,604	Open	15.4	267
8/27/2025	16:00:00	7.3	2.729	1.3	542,633	Open	15.2	267
8/27/2025	16:15:00	7.3	2.199	2.5	542,671	Open	15.3	266
8/27/2025	16:30:00	7.3	2.721	0.8	542,695	Open	15.3	266
8/27/2025	16:45:00	7.3	2.695	1.6	542,736	Open	15.2	266
8/27/2025	17:00:00	7.3	2.441	0.8	542,741	Open	15.2	269
8/27/2025	17:15:00	7.3	2.691	0.7	542,777	Open	15.3	269
8/27/2025	17:30:00	7.3	2.180	7.5	542,817	Open	15.2	269
8/27/2025	17:45:00	7.3	2.142	2.2	542,842	Open	15.3	266
8/27/2025	18:00:00	7.3	2.695	2.1	542,880	Open	15.1	266
8/27/2025	18:15:00	7.3	0.000	6.8	542,916	Closed	15.2	266
8/27/2025	18:30:00	7.3	2.729	6.3	542,943	Open	15.2	266
8/27/2025	18:45:00	7.3	2.687	8.6	542,984	Open	15.1	266
8/27/2025	19:00:00	7.3	2.173	5.5	543,008	Open	15.1	267
8/27/2025	19:15:00	7.3	2.691	5.3	543,044	Open	14.9	269
8/27/2025	19:30:00	7.3	1.972	18.3	543,067	Closed	14.9	269
8/27/2025	19:45:00	7.3	2.078	4.2	543,069	Open	14.9	267
8/27/2025	20:00:00	7.3	2.691	6.8	543,087	Open	14.7	265
8/27/2025	20:15:00	7.3	2.146	5.6	543,108	Open	14.7	266

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/27/2025	20:30:00	7.3	2.714	12.6	543,131	Open	14.6	265
8/27/2025	20:45:00	7.3	2.687	5.3	543,172	Open	14.4	265
8/27/2025	21:00:00	7.4	1.764	5.7	543,199	Open	14.1	263
8/27/2025	21:15:00	7.4	2.097	10.7	543,219	Open	14.1	265
8/27/2025	21:30:00	7.4	0.295	4.1	543,252	Closed	14.2	267
8/27/2025	21:45:00	7.3	2.695	7.5	543,281	Open	14.2	265
8/27/2025	22:00:00	7.3	0.250	6.9	543,310	Closed	14.5	267
8/27/2025	22:15:00	7.3	2.078	12.8	543,340	Open	14.4	268
8/27/2025	22:30:00	7.4	2.456	7.8	543,363	Open	14.6	268
8/27/2025	22:45:00	7.3	2.615	4.5	543,397	Open	14.4	270
8/27/2025	23:00:00	7.3	2.642	2.7	543,420	Open	14.4	270
8/27/2025	23:15:00	7.3	2.104	4.9	543,457	Open	14.4	270
8/27/2025	23:30:00	7.3	2.101	3.2	543,494	Open	14.3	270
8/27/2025	23:45:00	7.3	2.634	3.2	543,529	Open	14.3	268
8/28/2025	0:00:00	7.3	2.691	11	543,554	Open	14.5	267
8/28/2025	0:15:00	7.3	2.033	4.6	543,590	Open	14.4	268
8/28/2025	0:30:00	7.3	2.619	4.2	543,628	Open	14.3	268
8/28/2025	0:45:00	7.3	2.619	4.7	543,653	Open	14.3	268
8/28/2025	1:00:00	7.3	2.615	3.3	543,686	Open	14.4	268
8/28/2025	1:15:00	7.3	2.086	7.1	543,710	Open	14.5	270
8/28/2025	1:30:00	7.3	2.051	4.4	543,747	Open	14.4	270
8/28/2025	1:45:00	7.3	2.638	3.9	543,770	Open	14.5	270
8/28/2025	2:00:00	7.4	0.201	3.6	543,793	Closed	14.9	267
8/28/2025	2:15:00	7.4	0.208	16.8	543,816	Closed	15.3	264
8/28/2025	2:30:00	7.3	2.627	4.2	543,851	Open	15.4	262

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	2:45:00	7.3	2.627	1.8	543,876	Open	15.5	267
8/28/2025	3:00:00	7.4	2.627	1.3	543,910	Open	15.6	268
8/28/2025	3:15:00	7.4	2.082	4.8	543,947	Open	15.7	269
8/28/2025	3:30:00	7.4	2.067	15.4	543,975	Open	15.6	269
8/28/2025	3:45:00	7.4	2.631	3.5	544,009	Open	15.6	269
8/28/2025	4:00:00	7.4	2.154	7.3	544,028	Closed	15.7	269
8/28/2025	4:15:00	7.4	1.904	5.6	544,061	Open	15.5	268
8/28/2025	4:30:00	7.3	2.528	5.7	544,087	Open	15.3	268
8/28/2025	4:45:00	7.3	0.280	3.9	544,117	Closed	15.2	269
8/28/2025	5:00:00	7.4	1.559	4.7	544,139	Open	15.1	265
8/28/2025	5:15:00	7.3	2.600	5	544,169	Open	14.9	266
8/28/2025	5:30:00	7.3	2.597	5.2	544,208	Open	14.7	266
8/28/2025	5:45:00	7.3	2.578	2.4	544,241	Open	14.7	268
8/28/2025	6:00:00	7.3	2.551	5.3	544,262	Open	14.8	266
8/28/2025	6:15:00	7.3	2.014	6.7	544,286	Open	14.7	268
8/28/2025	6:30:00	7.3	2.570	2.2	544,322	Open	14.5	268
8/28/2025	6:45:00	7.3	2.593	1.6	544,356	Open	14.5	268
8/28/2025	7:00:00	7.4	0.000	1.3	544,360	Closed	15	268
8/28/2025	7:15:00	7.3	2.017	1.5	544,369	Open	15.1	265
8/28/2025	7:30:00	7.3	2.608	1.4	544,406	Open	14.9	265
8/28/2025	7:45:00	7.3	2.729	1.1	544,440	Open	14.8	267
8/28/2025	8:00:00	7.3	2.653	2.5	544,476	Open	14.7	266
8/28/2025	8:15:00	7.3	2.165	3.7	544,514	Open	14.5	266
8/28/2025	8:30:00	7.3	2.646	6.6	544,551	Open	14.5	266
8/28/2025	8:45:00	7.3	2.657	9.5	544,585	Open	14.4	266

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	9:00:00	7.3	2.055	15.7	544,610	Open	14.4	267
8/28/2025	9:15:00	7.3	1.200	12.3	544,643	Open	14.3	269
8/28/2025	9:30:00	7.3	2.627	9.4	544,676	Open	14.3	268
8/28/2025	9:45:00	7.3	2.646	5	544,704	Open	14.3	272
8/28/2025	10:00:00	7.3	2.460	4.7	544,731	Closed	14.4	272
8/28/2025	10:15:00	7.3	2.078	4	544,743	Open	14.4	270
8/28/2025	10:30:00	7.3	2.615	2.1	544,779	Open	14.4	270
8/28/2025	10:45:00	7.3	2.638	1.6	544,803	Open	14.5	271
8/28/2025	11:00:00	7.3	2.528	4.3	544,828	Open	14.6	270
8/28/2025	11:15:00	7.3	0.379	2.4	544,864	Closed	14.5	270
8/28/2025	11:30:00	7.2	2.589	2.3	544,873	Closed	14.5	271
8/28/2025	11:45:00	7.3	2.627	3.7	544,877	Open	14.5	271
8/28/2025	12:00:00	7.2	2.615	6.2	544,895	Open	14.7	271
8/28/2025	12:15:00	7.2	2.082	4.6	544,933	Open	14.7	271
8/28/2025	12:30:00	7.2	2.650	7.3	544,960	Open	14.8	271
8/28/2025	12:45:00	7.2	2.657	1.6	544,982	Open	15	271
8/28/2025	13:00:00	7.2	2.604	3.2	545,017	Open	15	271
8/28/2025	13:15:00	7.3	2.044	0.9	545,044	Open	15.2	269
8/28/2025	13:30:00	7.2	2.631	0.9	545,081	Open	15.1	271
8/28/2025	13:45:00	7.2	2.646	0.9	545,107	Open	15.2	269
8/28/2025	14:00:00	7.2	0.000	1.8	545,136	Closed	15.3	271
8/28/2025	14:15:00	7.2	2.104	1.3	545,170	Open	15.3	271
8/28/2025	14:30:00	7.2	2.627	1	545,196	Open	15.3	272
8/28/2025	14:45:00	7.2	2.612	0.8	545,230	Open	15.4	272
8/28/2025	15:00:00	7.2	2.498	1.5	545,231	Closed	15.4	272

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	15:15:00	7.2	2.218	1.1	545,255	Open	15.4	271
8/28/2025	15:30:00	7.3	0.000	0.6	545,274	Closed	15.4	272
8/28/2025	15:45:00	7.4	2.604	0.1	545,299	Open	15.4	271
8/28/2025	16:00:00	7.2	2.604	19.9	545,330	Open	15.3	270
8/28/2025	16:15:00	7.2	2.093	3	545,356	Open	15.3	272
8/28/2025	16:30:00	7.2	2.627	1.5	545,393	Open	15.1	272
8/28/2025	16:45:00	7.2	2.653	1.4	545,418	Open	15.2	270
8/28/2025	17:00:00	7.2	2.627	2.1	545,454	Open	15.2	272
8/28/2025	17:15:00	7.2	2.033	5.2	545,481	Open	15.3	272
8/28/2025	17:30:00	7.2	0.000	1.7	545,508	Closed	15.2	272
8/28/2025	17:45:00	7.2	0.000	1.1	545,531	Closed	15.2	272
8/28/2025	18:00:00	7.2	2.627	1.9	545,563	Open	15.3	273
8/28/2025	18:15:00	7.3	0.000	5.7	545,594	Closed	15.2	272
8/28/2025	18:30:00	7.2	2.638	1.8	545,629	Open	15.1	272
8/28/2025	18:45:00	7.2	2.653	1.7	545,652	Open	15.2	272
8/28/2025	19:00:00	7.2	2.661	3	545,688	Open	15.2	272
8/28/2025	19:15:00	7.3	1.998	7.3	545,716	Open	15.1	272
8/28/2025	19:30:00	7.2	2.627	2.6	545,737	Open	14.9	273
8/28/2025	19:45:00	7.2	1.571	3.9	545,764	Open	14.7	273
8/28/2025	20:00:00	7.3	0.000	1.3	545,774	Closed	14.7	270
8/28/2025	20:15:00	7.3	1.234	4.2	545,779	Open	15.1	272
8/28/2025	20:30:00	7.3	1.147	2.3	545,783	Open	14.7	271
8/28/2025	20:45:00	7.4	2.759	5.4	545,798	Open	14.7	273
8/28/2025	21:00:00	7.2	2.426	0.8	545,837	Open	14.8	275
8/28/2025	21:15:00	7.3	2.373	4.7	545,841	Closed	14.8	275

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/28/2025	21:30:00	7.3	2.964	1.7	545,861	Open	14.9	278
8/28/2025	21:45:00	7.3	2.952	1.7	545,901	Open	15	282
8/28/2025	22:00:00	7.3	2.445	2.6	545,941	Open	15.2	283
8/28/2025	22:15:00	7.3	0.795	8.8	545,974	Closed	15.3	282
8/28/2025	22:30:00	7.3	3.293	2.1	546,010	Open	15.2	282
8/28/2025	22:45:00	7.3	3.187	16.5	546,036	Open	15.2	280
8/28/2025	23:00:00	7.3	3.202	32.7	546,058	Closed	15.2	280
8/28/2025	23:15:00	7.3	2.403	2.5	546,074	Open	15.2	275
8/28/2025	23:30:00	7.3	2.343	12.8	546,091	Open	15.1	276
8/28/2025	23:45:00	7.3	2.328	2.7	546,101	Open	15	276
8/29/2025	0:00:00	7.3	0.466	2.2	546,125	Closed	15.1	276
8/29/2025	0:15:00	7.3	1.794	1.7	546,155	Open	15	276
8/29/2025	0:30:00	7.3	2.850	2	546,191	Open	14.9	277
8/29/2025	0:45:00	7.3	2.820	2	546,229	Open	14.8	274
8/29/2025	1:00:00	7.3	2.827	2.4	546,247	Open	14.8	269
8/29/2025	1:15:00	7.3	2.301	3.5	546,263	Open	14.7	268
8/29/2025	1:30:00	7.2	2.831	1.9	546,290	Open	14.6	268
8/29/2025	1:45:00	7.2	2.816	1.6	546,328	Open	14.5	268
8/29/2025	2:00:00	7.3	2.237	3.6	546,362	Closed	14.4	268
8/29/2025	2:15:00	7.3	2.097	2.7	546,397	Open	14.2	271
8/29/2025	2:30:00	7.2	2.392	1.1	546,424	Open	14.4	271
8/29/2025	2:45:00	7.2	1.915	0.9	546,444	Open	14.5	273
8/29/2025	3:00:00	7.2	2.536	1	546,467	Open	14.4	273
8/29/2025	3:15:00	7.2	1.995	2.5	546,503	Open	14.4	273
8/29/2025	3:30:00	7.2	0.257	1.7	546,528	Closed	14.5	271

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	3:45:00	7.3	1.223	8.1	546,559	Open	14.4	276
8/29/2025	4:00:00	7.2	2.229	5.8	546,588	Open	14.4	276
8/29/2025	4:15:00	7.3	1.987	4.2	546,624	Open	14.3	276
8/29/2025	4:30:00	7.3	0.257	1.9	546,653	Closed	14.5	276
8/29/2025	4:45:00	7.3	0.265	1.7	546,672	Closed	14.5	276
8/29/2025	5:00:00	7.2	2.589	3.3	546,689	Open	14.6	278
8/29/2025	5:15:00	7.2	2.040	3	546,727	Open	14.5	276
8/29/2025	5:30:00	7.2	2.108	2.6	546,762	Open	14.4	276
8/29/2025	5:45:00	7.2	2.615	0.9	546,799	Open	14.4	276
8/29/2025	6:00:00	7.2	0.185	0.8	546,828	Closed	14.5	276
8/29/2025	6:15:00	7.2	0.000	3.3	546,846	Open	14.4	276
8/29/2025	6:30:00	7.3	2.157	6.3	546,871	Open	14.2	274
8/29/2025	6:45:00	7.3	2.672	3	546,909	Open	14.2	276
8/29/2025	7:00:00	7.3	0.269	1.7	546,935	Closed	14.3	278
8/29/2025	7:15:00	7.3	0.178	2.3	546,964	Closed	14.3	278
8/29/2025	7:30:00	7.2	2.093	1.7	546,990	Open	14.3	276
8/29/2025	7:45:00	7.2	2.672	1.1	547,027	Open	14.1	273
8/29/2025	8:00:00	7.2	2.676	2	547,053	Open	14.1	273
8/29/2025	8:15:00	7.2	2.593	7.8	547,088	Open	14.1	271
8/29/2025	8:30:00	7.2	2.123	6.5	547,127	Open	14.1	272
8/29/2025	8:45:00	7.3	0.182	1.2	547,156	Closed	14.2	273
8/29/2025	9:00:00	7.2	2.668	0.8	547,188	Open	14.2	273
8/29/2025	9:15:00	7.2	2.123	1	547,223	Open	14.3	272
8/29/2025	9:30:00	7.2	2.055	1.1	547,261	Open	14.3	272
8/29/2025	9:45:00	7.2	2.661	1.2	547,298	Open	14.4	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	10:00:00	7.2	2.653	0.6	547,334	Open	14.5	273
8/29/2025	10:15:00	7.3	2.415	2.8	547,360	Closed	14.6	272
8/29/2025	10:30:00	7.2	2.135	2.6	547,398	Open	14.5	272
8/29/2025	10:45:00	7.2	2.668	1	547,435	Open	14.5	272
8/29/2025	11:00:00	7.2	2.661	0.9	547,470	Open	14.6	272
8/29/2025	11:15:00	7.3	2.116	2	547,495	Open	14.8	272
8/29/2025	11:30:00	7.3	0.125	1.3	547,526	Closed	14.7	273
8/29/2025	11:45:00	7.2	2.657	1.2	547,560	Open	14.7	272
8/29/2025	12:00:00	7.3	2.680	0.9	547,584	Open	14.9	273
8/29/2025	12:15:00	7.3	2.668	2.2	547,620	Open	14.9	272
8/29/2025	12:30:00	7.3	0.000	4.4	547,653	Closed	14.9	270
8/29/2025	12:45:00	7.3	2.676	1.4	547,687	Open	14.9	272
8/29/2025	13:00:00	7.3	2.684	1.3	547,711	Open	15.1	270
8/29/2025	13:15:00	7.3	2.142	1.9	547,747	Open	15	272
8/29/2025	13:30:00	7.3	0.193	0.4	547,777	Closed	15	270
8/29/2025	13:45:00	7.3	2.653	0.8	547,813	Open	15	270
8/29/2025	14:00:00	7.3	2.426	0.7	547,838	Closed	15.1	271
8/29/2025	14:15:00	7.3	2.650	1.2	547,873	Open	15.1	269
8/29/2025	14:30:00	7.3	0.000	2.6	547,909	Closed	15.1	269
8/29/2025	14:45:00	7.3	2.661	0.4	547,938	Open	15.1	267
8/29/2025	15:00:00	7.3	0.140	0.6	547,964	Closed	15.2	267
8/29/2025	15:15:00	7.3	2.525	1.2	547,998	Open	15.2	269
8/29/2025	15:30:00	7.3	1.874	2.5	548,023	Open	15.3	269
8/29/2025	15:45:00	7.3	2.665	1.1	548,060	Open	15.2	269
8/29/2025	16:00:00	7.3	2.665	1	548,086	Open	15.2	269

Title WoodFibre Weekly Water Discharge Report

Revision:
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Data Date Range
August 25, 2025 to August 31, 2025
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SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	16:15:00	7.3	2.653	1.5	548,122	Open	15.2	269
8/29/2025	16:30:00	7.3	2.150	2.6	548,147	Open	15.2	267
8/29/2025	16:45:00	7.3	2.646	1.6	548,184	Open	15.2	269
8/29/2025	17:00:00	7.3	2.668	2.2	548,210	Open	15.2	271
8/29/2025	17:15:00	7.3	2.623	3.2	548,246	Open	15.2	271
8/29/2025	17:30:00	7.3	2.101	3.9	548,284	Open	15.2	271
8/29/2025	17:45:00	7.3	2.657	3.3	548,321	Open	15.1	271
8/29/2025	18:00:00	7.3	2.661	1.2	548,348	Open	15.1	271
8/29/2025	18:15:00	7.3	2.668	1.6	548,383	Open	15.1	271
8/29/2025	18:30:00	7.3	2.142	2.7	548,410	Open	15	270
8/29/2025	18:45:00	7.3	2.657	3.3	548,448	Open	14.8	270
8/29/2025	19:00:00	7.2	2.665	1	548,473	Open	14.8	268
8/29/2025	19:15:00	7.3	0.000	1.4	548,505	Closed	14.8	268
8/29/2025	19:30:00	7.3	2.252	1.1	548,535	Open	14.7	268
8/29/2025	19:45:00	7.3	1.646	2.3	548,554	Open	14.7	268
8/29/2025	20:00:00	7.3	0.000	1	548,569	Closed	14.5	268
8/29/2025	20:15:00	7.2	2.574	0.5	548,601	Open	14.6	268
8/29/2025	20:30:00	7.2	2.589	20.9	548,640	Open	14.5	268
8/29/2025	20:45:00	7.3	2.093	1.4	548,660	Open	14.5	268
8/29/2025	21:00:00	7.2	2.684	0.8	548,697	Open	14.4	268
8/29/2025	21:15:00	7.3	2.093	1.9	548,734	Open	14.5	268
8/29/2025	21:30:00	7.3	2.188	4.7	548,769	Open	14.5	268
8/29/2025	21:45:00	7.3	0.000	4.3	548,804	Closed	14.4	268
8/29/2025	22:00:00	7.3	2.755	3.6	548,834	Open	14.5	270
8/29/2025	22:15:00	7.3	2.763	4.3	548,862	Open	14.4	270

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
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SD
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BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/29/2025	22:30:00	7.3	0.000	4.6	548,899	Closed	14.4	268
8/29/2025	22:45:00	7.3	2.195	5.1	548,928	Open	14.4	268
8/29/2025	23:00:00	7.3	2.782	6.5	548,957	Open	14.3	268
8/29/2025	23:15:00	7.3	2.101	4.3	548,978	Open	14.4	267
8/29/2025	23:30:00	7.3	0.000	4.8	548,999	Closed	14.3	266
8/29/2025	23:45:00	7.3	0.000	6.8	549,022	Closed	14.2	266
8/30/2025	0:00:00	7.3	1.173	5.6	549,040	Closed	14.2	266
8/30/2025	0:15:00	7.3	2.744	4.5	549,076	Open	14.1	268
8/30/2025	0:30:00	7.3	2.112	10.7	549,117	Open	14	266
8/30/2025	0:45:00	7.3	2.176	4.7	549,117	Closed	14.1	268
8/30/2025	1:00:00	7.3	0.920	1	549,117	Closed	14.1	268
8/30/2025	1:15:00	7.3	1.934	5.8	549,131	Open	14	266
8/30/2025	1:30:00	7.2	2.744	1.7	549,160	Open	14	268
8/30/2025	1:45:00	7.3	0.659	5.9	549,191	Closed	14.1	266
8/30/2025	2:00:00	7.3	0.643	1.1	549,211	Closed	14	266
8/30/2025	2:15:00	7.2	0.670	1.1	549,242	Closed	13.9	268
8/30/2025	2:30:00	7.2	2.638	8.4	549,262	Open	14	266
8/30/2025	2:45:00	7.2	2.744	2.1	549,288	Open	13.9	266
8/30/2025	3:00:00	7.3	2.763	5.4	549,312	Open	13.9	264
8/30/2025	3:15:00	7.2	1.787	3	549,347	Open	13.9	264
8/30/2025	3:30:00	7.3	2.748	1.8	549,374	Open	14	266
8/30/2025	3:45:00	7.3	0.466	9.7	549,403	Closed	14.1	266
8/30/2025	4:00:00	7.3	0.431	2	549,426	Closed	14.1	268
8/30/2025	4:15:00	7.2	2.385	2	549,454	Open	14.1	268
8/30/2025	4:30:00	7.3	2.740	1.8	549,476	Open	14.2	269

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	4:45:00	7.3	2.744	2.1	549,512	Open	14.1	271
8/30/2025	5:00:00	7.3	2.574	2.4	549,553	Open	14.1	271
8/30/2025	5:15:00	7.2	2.161	4.3	549,578	Open	14.1	269
8/30/2025	5:30:00	7.2	2.759	2	549,599	Open	14.1	269
8/30/2025	5:45:00	7.2	2.089	3	549,637	Open	14	268
8/30/2025	6:00:00	7.3	2.150	4.2	549,655	Open	14.1	268
8/30/2025	6:15:00	7.2	2.748	3.8	549,675	Open	14.1	268
8/30/2025	6:30:00	7.3	2.752	4.1	549,687	Open	14.6	267
8/30/2025	6:45:00	7.3	2.759	2.8	549,713	Open	14.6	268
8/30/2025	7:00:00	7.3	0.261	4.2	549,747	Closed	14.8	267
8/30/2025	7:15:00	7.3	0.299	3.7	549,772	Closed	14.9	268
8/30/2025	7:30:00	7.2	2.718	0.3	549,799	Open	14.5	265
8/30/2025	7:45:00	7.2	2.142	1.4	549,837	Open	14.3	265
8/30/2025	8:00:00	7.2	2.184	3	549,872	Open	14.3	267
8/30/2025	8:15:00	7.2	2.718	1.9	549,913	Open	14.3	268
8/30/2025	8:30:00	7.2	2.737	1.5	549,937	Open	14.4	270
8/30/2025	8:45:00	7.2	2.721	1.7	549,974	Open	14.4	272
8/30/2025	9:00:00	7.2	2.097	1.6	550,014	Open	14.5	275
8/30/2025	9:15:00	7.2	2.192	2.2	550,040	Open	14.6	275
8/30/2025	9:30:00	7.2	2.718	1	550,078	Open	14.5	275
8/30/2025	9:45:00	7.3	2.101	1.6	550,104	Open	14.7	275
8/30/2025	10:00:00	7.3	0.231	0.7	550,131	Closed	14.7	273
8/30/2025	10:15:00	7.3	0.208	0.6	550,157	Closed	14.7	273
8/30/2025	10:30:00	7.2	2.729	1	550,188	Open	14.7	275
8/30/2025	10:45:00	7.3	2.759	1.2	550,215	Open	14.8	275

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	11:00:00	7.2	2.154	7	550,256	Open	14.8	275
8/30/2025	11:15:00	7.3	2.207	2.8	550,281	Open	14.9	275
8/30/2025	11:30:00	7.3	2.740	1.8	550,304	Open	15	273
8/30/2025	11:45:00	7.3	1.942	4.3	550,330	Open	15.1	275
8/30/2025	12:00:00	7.3	0.212	4.2	550,356	Closed	15	275
8/30/2025	12:15:00	7.2	2.718	1.3	550,394	Open	14.9	273
8/30/2025	12:30:00	7.2	2.737	1	550,418	Open	14.9	273
8/30/2025	12:45:00	7.2	2.748	1	550,443	Open	15	273
8/30/2025	13:00:00	7.2	2.157	7.5	550,484	Open	14.8	273
8/30/2025	13:15:00	7.2	2.218	2.3	550,510	Open	14.9	272
8/30/2025	13:30:00	7.2	2.759	0.9	550,536	Open	15	272
8/30/2025	13:45:00	7.3	0.000	0.7	550,571	Closed	15.1	272
8/30/2025	14:00:00	7.2	2.226	1.2	550,598	Open	15.2	273
8/30/2025	14:15:00	7.2	2.718	1	550,639	Open	15.1	272
8/30/2025	14:30:00	7.2	2.744	0.9	550,663	Open	15.2	272
8/30/2025	14:45:00	7.2	2.725	0.9	550,685	Open	15.2	272
8/30/2025	15:00:00	7.2	2.146	6.1	550,713	Open	15.2	272
8/30/2025	15:15:00	7.3	1.976	0.8	550,732	Closed	15.3	270
8/30/2025	15:30:00	7.2	2.714	0.9	550,732	Closed	15.3	272
8/30/2025	15:45:00	7.3	2.142	3.5	550,736	Open	15.5	272
8/30/2025	16:00:00	7.3	0.761	1.4	550,766	Closed	15.4	273
8/30/2025	16:15:00	7.2	2.718	16.4	550,796	Open	15.3	270
8/30/2025	16:30:00	7.2	2.737	1.7	550,822	Open	15.4	270
8/30/2025	16:45:00	7.2	2.729	1.1	550,858	Open	15.3	270
8/30/2025	17:00:00	7.3	2.154	5.3	550,883	Open	15.3	270

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	17:15:00	7.3	2.086	0.9	550,907	Closed	15.3	269
8/30/2025	17:30:00	7.3	2.710	1.7	550,944	Open	15.2	270
8/30/2025	17:45:00	7.3	2.139	2.6	550,964	Open	15.4	270
8/30/2025	18:00:00	7.2	2.173	1.9	550,982	Open	15.3	273
8/30/2025	18:15:00	7.3	2.733	1.1	551,009	Open	15.2	270
8/30/2025	18:30:00	7.3	0.477	1.2	551,039	Closed	15.1	270
8/30/2025	18:45:00	7.2	2.725	0.9	551,068	Open	15	272
8/30/2025	19:00:00	7.2	2.139	4.6	551,095	Open	15	270
8/30/2025	19:15:00	7.2	2.192	3.6	551,130	Open	15	270
8/30/2025	19:30:00	7.2	2.718	1.6	551,168	Open	14.9	270
8/30/2025	19:45:00	7.2	2.108	1.5	551,205	Open	14.9	270
8/30/2025	20:00:00	7.3	2.173	1.5	551,240	Open	14.8	270
8/30/2025	20:15:00	7.3	2.729	1.4	551,251	Open	15.2	268
8/30/2025	20:30:00	7.3	0.265	24.7	551,267	Closed	14.9	270
8/30/2025	20:45:00	7.2	2.472	5.7	551,282	Open	14.7	272
8/30/2025	21:00:00	7.2	2.188	23.6	551,322	Closed	14.6	272
8/30/2025	21:15:00	7.2	2.135	25.4	551,343	Closed	14.6	270
8/30/2025	21:30:00	7.3	2.578	0.6	551,379	Open	14.4	272
8/30/2025	21:45:00	7.3	0.000	0.5	551,404	Open	14.3	271
8/30/2025	22:00:00	7.4	2.869	1.7	551,426	Open	14.3	270
8/30/2025	22:15:00	7.3	2.036	3.4	551,459	Open	14.1	269
8/30/2025	22:30:00	7.3	2.566	2.2	551,492	Open	14.4	270
8/30/2025	22:45:00	7.3	2.252	0.8	551,525	Open	14.4	271
8/30/2025	23:00:00	7.3	2.422	1.1	551,562	Open	14.4	273
8/30/2025	23:15:00	7.3	0.352	2.1	551,597	Open	14.6	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/30/2025	23:30:00	7.3	0.299	1.5	551,613	Open	14.6	274
8/30/2025	23:45:00	7.3	0.413	0.7	551,636	Open	14.5	276
8/31/2025	0:00:00	7.3	0.405	0.9	551,661	Open	14.5	273
8/31/2025	0:15:00	7.2	2.653	0.9	551,692	Open	14.3	273
8/31/2025	0:30:00	7.3	2.415	0.4	551,731	Open	14.3	273
8/31/2025	0:45:00	7.3	2.139	1.5	551,763	Open	14.3	273
8/31/2025	1:00:00	7.3	2.676	1.9	551,801	Open	14.2	271
8/31/2025	1:15:00	7.3	2.002	0.9	551,838	Open	14.3	272
8/31/2025	1:30:00	7.3	2.642	1	551,858	Open	14.4	273
8/31/2025	1:45:00	7.2	2.631	1.3	551,897	Open	14.1	271
8/31/2025	2:00:00	7.3	2.396	1.7	551,926	Open	14.2	271
8/31/2025	2:15:00	7.3	0.348	0.7	551,957	Open	14	271
8/31/2025	2:30:00	7.3	2.619	0.8	551,991	Open	14	273
8/31/2025	2:45:00	7.3	0.322	1.2	552,012	Open	14.1	271
8/31/2025	3:00:00	7.2	2.214	5.7	552,020	Open	13.9	273
8/31/2025	3:15:00	7.4	2.377	4.5	552,043	Open	14	274
8/31/2025	3:30:00	7.3	2.506	1.4	552,079	Open	13.9	274
8/31/2025	3:45:00	7.3	1.934	1.1	552,115	Open	14.2	275
8/31/2025	4:00:00	7.3	2.010	1.2	552,147	Open	14.4	273
8/31/2025	4:15:00	7.3	2.472	1.1	552,182	Open	14.5	273
8/31/2025	4:30:00	7.3	2.036	0.9	552,215	Open	14.7	273
8/31/2025	4:45:00	7.3	2.479	0.9	552,241	Open	14.9	274
8/31/2025	5:00:00	7.3	2.494	1	552,265	Open	14.9	274
8/31/2025	5:15:00	7.3	1.707	3.6	552,296	Open	14.8	274
8/31/2025	5:30:00	7.4	2.104	3.9	552,326	Open	14.7	272

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	5:45:00	7.3	2.150	2.6	552,349	Open	14.9	276
8/31/2025	6:00:00	7.3	2.210	2.5	552,385	Open	15	274
8/31/2025	6:15:00	7.3	2.733	1.1	552,409	Open	15	274
8/31/2025	6:30:00	7.3	0.288	0.7	552,428	Closed	15.3	273
8/31/2025	6:45:00	7.3	0.265	1.1	552,446	Closed	15.3	271
8/31/2025	7:00:00	7.3	2.737	1.2	552,479	Open	15.1	273
8/31/2025	7:15:00	7.3	2.737	0.9	552,503	Open	15.3	271
8/31/2025	7:30:00	7.3	2.740	0.6	552,527	Open	15.1	269
8/31/2025	7:45:00	7.3	0.231	0.7	552,562	Closed	14.9	271
8/31/2025	8:00:00	7.2	0.572	1	552,590	Closed	14.9	267
8/31/2025	8:15:00	7.2	2.725	0	552,620	Open	14.7	269
8/31/2025	8:30:00	7.2	2.691	0.3	552,655	Open	15	269
8/31/2025	8:45:00	7.2	2.733	0.5	552,672	Open	15	269
8/31/2025	9:00:00	7.2	2.680	0.8	552,689	Closed	14.9	269
8/31/2025	9:15:00	7.2	2.706	2	552,722	Open	15.1	269
8/31/2025	9:30:00	7.3	0.723	4.3	552,750	Closed	15.3	268
8/31/2025	9:45:00	7.3	2.078	1.8	552,774	Open	15.5	268
8/31/2025	10:00:00	7.3	0.708	0.9	552,810	Closed	15.5	268
8/31/2025	10:15:00	7.2	2.718	23.1	552,820	Open	15.8	268
8/31/2025	10:30:00	7.2	2.714	4.7	552,856	Open	15.9	269
8/31/2025	10:45:00	7.2	2.131	1.7	552,892	Open	15.9	269
8/31/2025	11:00:00	7.2	2.718	2.1	552,933	Open	15.8	269
8/31/2025	11:15:00	7.3	2.699	2.1	552,968	Open	15.9	270
8/31/2025	11:30:00	7.3	2.748	1.8	552,981	Open	16.2	271
8/31/2025	11:45:00	7.3	2.101	1.9	553,020	Open	16	271

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	12:00:00	7.3	2.120	1.3	553,032	Closed	16.3	269
8/31/2025	12:15:00	7.2	2.706	0.8	553,041	Open	15.9	271
8/31/2025	12:30:00	7.3	0.749	0.4	553,062	Closed	16.1	268
8/31/2025	12:45:00	7.3	2.180	2	553,095	Open	16	271
8/31/2025	13:00:00	7.2	2.702	2.3	553,135	Open	15.7	269
8/31/2025	13:15:00	7.3	0.572	1.2	553,162	Closed	15.7	269
8/31/2025	13:30:00	7.3	2.725	1.6	553,174	Open	15.9	269
8/31/2025	13:45:00	7.3	2.097	2.3	553,212	Open	15.8	271
8/31/2025	14:00:00	7.3	2.150	3.2	553,219	Open	16.3	271
8/31/2025	14:15:00	7.3	2.725	4.2	553,257	Open	15.8	271
8/31/2025	14:30:00	7.3	2.702	5	553,292	Open	15.9	271
8/31/2025	14:45:00	7.3	0.413	5.6	553,323	Closed	15.8	271
8/31/2025	15:00:00	7.3	2.702	3	553,345	Open	15.8	272
8/31/2025	15:15:00	7.3	2.710	2.1	553,380	Open	15.8	272
8/31/2025	15:30:00	7.3	2.725	2.4	553,416	Open	15.9	272
8/31/2025	15:45:00	7.3	2.104	4.4	553,454	Open	16	271
8/31/2025	16:00:00	7.3	0.795	7.5	553,463	Closed	15.9	271
8/31/2025	16:15:00	7.3	2.718	3.8	553,479	Open	16	271
8/31/2025	16:30:00	7.3	2.684	5.2	553,514	Open	16.3	271
8/31/2025	16:45:00	7.3	2.139	3.9	553,550	Open	16.1	272
8/31/2025	17:00:00	7.3	2.657	4.7	553,590	Open	15.9	271
8/31/2025	17:15:00	7.3	2.676	2.5	553,625	Open	15.9	271
8/31/2025	17:30:00	7.3	0.556	1.3	553,657	Closed	15.8	271
8/31/2025	17:45:00	7.3	2.104	1.7	553,674	Open	15.9	271
8/31/2025	18:00:00	7.3	0.492	1.1	553,705	Closed	15.7	271

Title WoodFibre Weekly Water Discharge Report

Revision:
0
Data Date Range
August 25, 2025 to August 31, 2025
Prepared by:
SD
Approved by:
BC2
Date:
September 11, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/31/2025	18:15:00	7.2	2.691	2.5	553,718	Open	15.9	271
8/31/2025	18:30:00	7.3	2.691	1.6	553,753	Open	16.1	271
8/31/2025	18:45:00	7.3	2.070	1.3	553,788	Open	15.9	272
8/31/2025	19:00:00	7.3	2.684	1.9	553,828	Open	15.5	272
8/31/2025	19:15:00	7.2	2.718	1.9	553,843	Open	15.9	272
8/31/2025	19:30:00	7.2	2.710	2	553,878	Open	15.4	273
8/31/2025	19:45:00	7.3	2.029	1.6	553,915	Open	15.3	272
8/31/2025	20:00:00	7.3	2.070	1.1	553,951	Open	15.1	272
8/31/2025	20:15:00	7.2	2.672	0.7	553,988	Open	15	270
8/31/2025	20:30:00	7.3	0.386	0.6	554,008	Closed	15.3	270
8/31/2025	20:45:00	7.3	2.070	0.9	554,035	Open	15.3	268
8/31/2025	21:00:00	7.3	2.668	1.5	554,075	Open	15	272
8/31/2025	21:15:00	7.3	2.638	3.7	554,091	Closed	15.6	272
8/31/2025	21:30:00	7.3	2.691	0.8	554,126	Open	15	271
8/31/2025	21:45:00	7.3	2.063	1.3	554,164	Open	14.9	271
8/31/2025	22:00:00	7.3	2.116	0.9	554,200	Open	14.8	272
8/31/2025	22:15:00	7.3	2.653	1.7	554,237	Open	14.7	273
8/31/2025	22:30:00	7.3	0.344	1	554,255	Closed	15	272
8/31/2025	22:45:00	7.3	2.127	1.5	554,290	Open	14.9	272
8/31/2025	23:00:00	7.3	2.684	1.3	554,329	Open	14.7	272
8/31/2025	23:15:00	7.3	2.676	1.8	554,364	Open	14.8	272
8/31/2025	23:30:00	7.3	2.676	1.1	554,399	Open	14.8	272
8/31/2025	23:45:00	7.3	1.809	1.9	554,431	Closed	14.8	272

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

Appendix B: Photos

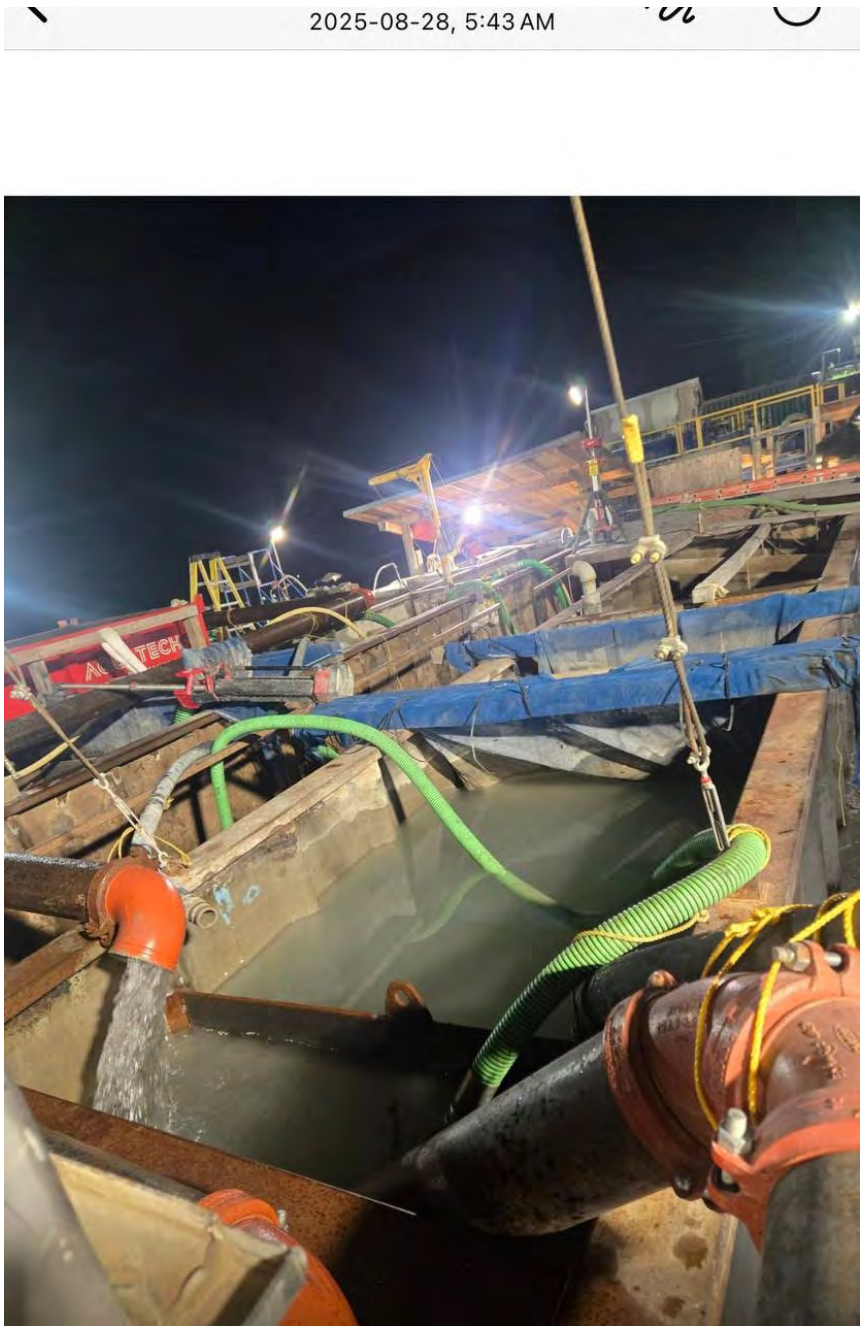
		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Photo 1: No visible sheen observed in the WTP water, August 25



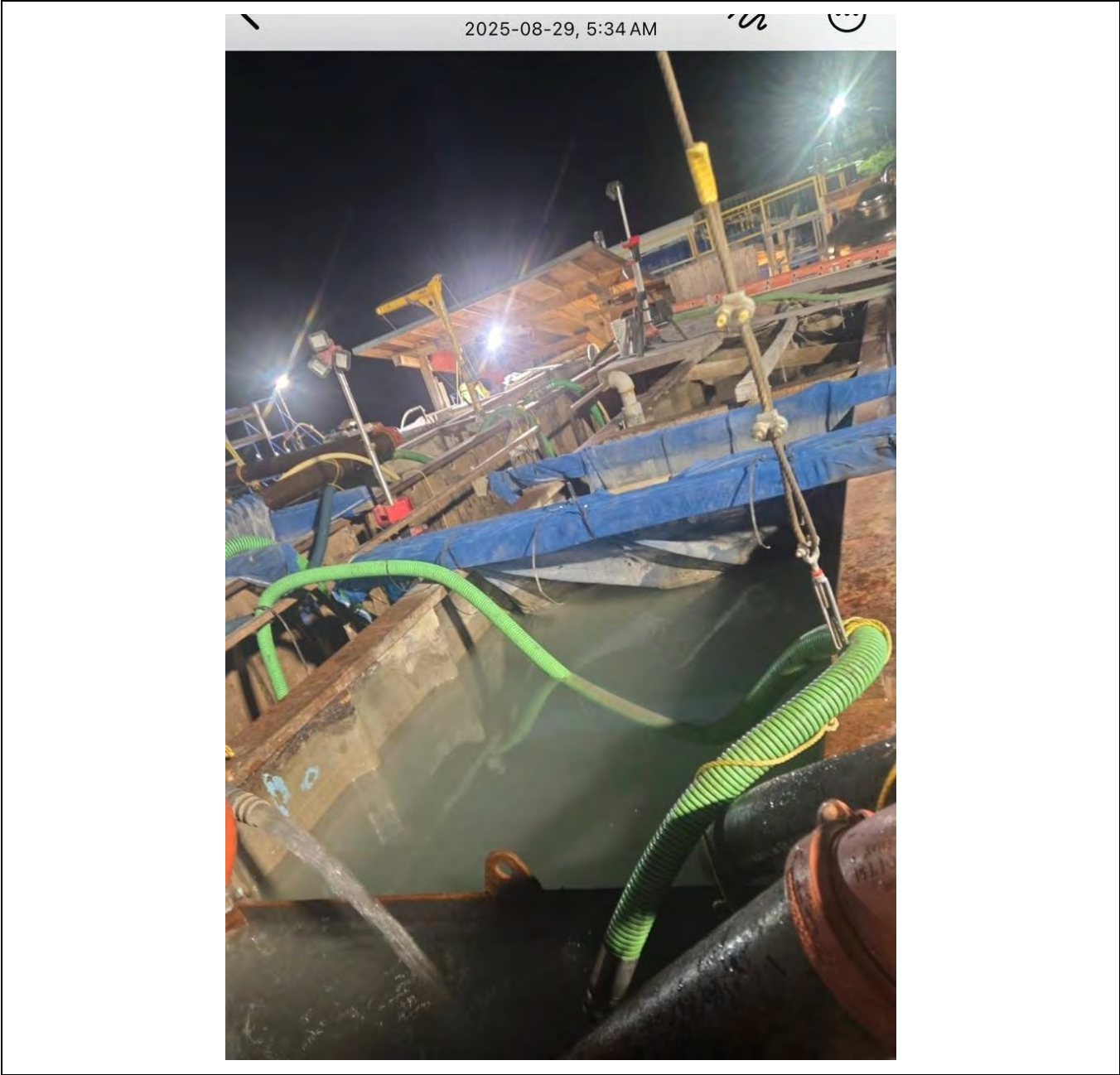
		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: Approved by: Date:	SD BC2 September 11, 2025

Photo 2: No visible sheen observed in the WTP water, August 28



		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

Photo 3: No visible sheen observed in the WTP water, August 29



		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 25, 2025 to August 31, 2025	Prepared by: SD Approved by: BC2 Date: September 11, 2025	

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix D	D-1

Appendix D: Woodfibre Site Receiving Environment Documentation

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix D	D-2

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 2025-08-26 09:50:00	WLNG DS 2025-08-26 09:00:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			7	6.3
Field Temperature	°C	18	19					18.1	14.8
General Parameters									
pH	pH Units							6.77	7.56
Alkalinity (Total as CaCO ₃)	mg/L							9.4	47
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							8.9	47.1
Hardness (CaCO ₃)-Dissolved	mg/L							9.75	53.3
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.32	19.3		14	131		<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							11	58
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.043	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.043	<0.02
Nitrogen (N)-Total	mg/L							0.117	0.471
Phosphorus (P)-Total (4500-P)	mg/L							0.0084	0.0035
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	9.6
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.24
Sulphate (SO ₄)-Dissolved	mg/L	128						2.1	9

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

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

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-08-26 09:50:00	WLNG DS 2025-08-26 09:00:00
Total Metals									
Aluminum (Al)-Total	mg/L	0.03763						0.0435	0.117
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	0.000398
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000127	0.00135
Barium (Ba)-Total	mg/L			1				0.00546	0.00571
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	0.014
Cadmium (Cd)-Total	mg/L						0.00012	0.000006	0.00001
Calcium (Ca)-Total	mg/L							3.02	17.3
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00023	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L							0.000022	0.000057
Copper (Cu)-Total	mg/L				0.002	0.003		0.00066	0.00014
Iron (Fe)-Total	mg/L		1					0.0682	0.0201
Lead (Pb)-Total	mg/L				0.002	0.14		0.000031	<0.00002
Lithium (Li)-Total	mg/L							<0.0005	0.00349
Magnesium (Mg)-Total	mg/L							0.33	0.93
Manganese (Mn)-Total	mg/L	0.644	0.638				0.1	0.00174	0.0395
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000579	0.0228
Nickel (Ni)-Total	mg/L						0.0083	0.00022	0.00017
Phosphorus (P)-Total (ICPMS)	mg/L							0.0099	0.0053
Potassium (K)-Total	mg/L							<0.25	1.51
Rubidium (Rb)-Total	mg/L							0.000538	0.00311
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							4.72	6.24
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.75	5.54
Strontium (Sr)-Total	mg/L							0.0152	0.0408
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000003	0.000011
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							<0.002	<0.002
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000058	0.000455
Vanadium (V)-Total	mg/L			0.06			0.005	0.00021	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		<0.001	0.0018
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001

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

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

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life Long Term Average	WLNG US 2025-08-26 09:50:00	WLNG DS 2025-08-26 09:00:00
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0325	0.0609
Antimony (Sb)-Dissolved	mg/L							0.000029	0.000413
Arsenic (As)-Dissolved	mg/L							0.000144	0.00137
Barium (Ba)-Dissolved	mg/L							0.00552	0.00552
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	0.014
Cadmium (Cd)-Dissolved	mg/L	0.000036	0.000049					<0.000005	0.0000122
Calcium (Ca)-Dissolved	mg/L							3.32	19.8
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000389						0.0000221	0.0000575
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					0.000625	0.000066
Iron (Fe)-Dissolved	mg/L		0.35					0.0441	0.0014
Lead (Pb)-Dissolved	mg/L	0.001807						0.0000151	<0.000005
Lithium (Li)-Dissolved	mg/L							<0.0005	0.0034
Manganese (Mn)-Dissolved	mg/L							0.000789	0.041
Magnesium (Mg)-Dissolved	mg/L							0.357	0.977
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000523	0.0248
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0117					0.000238	0.000166
Phosphorus (P)-Dissolved	mg/L							0.004	0.003
Potassium (K)-Dissolved	mg/L							0.223	1.6
Rubidium (Rb)-Dissolved	mg/L							0.000587	0.0034
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							4.92	6.56
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.89	6.14
Strontium (Sr)-Dissolved	mg/L			1.25				0.0171	0.0433
Sulphur (S)-Dissolved	mg/L							<3	3.1
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000136
Thorium (Th)-Dissolved	mg/L							0.0000119	0.0000075
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L							0.0000503	0.00039
Vanadium (V)-Dissolved	mg/L							0.00021	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.004517	0.009					0.00048	0.00127
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

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

² 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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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 2025-08-26 09:50:00	WLNG DS 2025-08-26 09:00:00
Inorganics									
Organic Carbon (C)-Total	mg/L							2.1	1.7
Organic Carbon (C)-Dissolved	mg/L							2.1	1.5
Solids-Total Dissolved	mg/L							24	88
Solids-Total Suspended	mg/L	6	26					<1	1.2

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

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

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

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix D	D-3

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information				
Site ID:	<u>WLNG (EAS) DS</u>		Date:	<u>August 26, 2025</u>
Site Name:	<u>East Creek</u>		Time:	<u>9:00</u>
Site UTM:	Zone:	E: <u></u>	Crew:	<u>HM</u>
(NAD83)	N: <u></u>		Weather:	<u>Sun, 23°C</u>

In Situ Parameters			
pH:	<u>6.3</u>	DO:	<u>1.3</u> (mg/L)
Temp.:	<u>14.8</u> (°C)	Cond:	<u>311.3</u> (us)
Turbidity:	<u>0.35</u> NTU	ORP:	<u>65.5</u> (mV)
Visible Sheen:	<u>N</u>		
Water Surface Condition:	<u>Clear</u>		

Photo Record
Photo 

Observations
Sediment accumulation was noted. Testing has been undertaken to characterize the material.

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

Site ID:	<u>WLNG (EAS) US</u>	Date:	<u>August 26, 2025</u>
Site Name:	<u>East Creek</u>	Time:	<u>9:50</u>
Site UTM:	Zone: <u>E:</u>	Crew:	<u>HM</u>
(NAD83)	N: <u></u>	Weather:	<u>Sun, 23°C</u>

In Situ Parameters

pH:	<u>7</u>	DO:	<u>1.5</u>	(mg/L)
Temp.:	<u>18.1</u>	Cond:	<u>155.7</u>	(us)
Turbidity:	<u>0</u>	ORP:	<u>-1.3</u>	(mV)
Visible Sheen:	<u>N</u>			
Water Surface Condition:	<u>Clear</u>			

Photo Record

Photo



Observations

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 25 th to Aug 31 st , 2025
	Report #	75
	Appendix E	E-1

Appendix E: Lab Documentation



RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey **Job Number:** C573380
Client Project Name & Number: WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163

Test Result:

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

Sample Name :

WLNG -EOP

Description: Clear, colourless **Sample Number:** DRQ419-17
Sample Collected: Aug 26, 2025 **Sampling Method :** N/A **Site Collection:** N/A
Sample Collected By: N/A **Volume Received:** 4 x ECO10 **Avg Temp Arrival:** 8 °C **Storage:** 2-6 °C
Sample Received: Aug 26, 2025 04:30 PM **pH:** 7.5 **Dissolved Oxygen:** 10.1 mg/L
Analysis Start : Aug 29, 2025 05:17 PM **Temperature :** 15 °C **Sample Conductance:** 145 µS/cm

Concentration	Temperature (°C)	Temperature (°C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	pH	pH	Conductivity (uS/cm)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)
% vol/vol	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	Initial	96 hrs	96 hrs	96 hrs
0	15	15	10.1	10.0	7.7	7.5	49	0	0	0
6.25	15	15	10.1	10.0	7.6	7.5	55	0	0	0
12.5	15	15	10.1	10.0	7.6	7.5	59	0	0	0
25	15	15	10.1	9.9	7.6	7.6	73	0	0	0
50	15	15	10.1	9.9	7.6	7.6	89	0	0	0
100	15	15	10.1	9.9	7.5	7.7	145	0	0	0

Comments : All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.
The reference toxicant test conducted for this batch of fish was outside 2 standard deviations of the historical mean but within 3 standard deviations (0.07, 0.42) mg/L. There was nothing unusual about the reference toxicant test or with the culture prior to testing; therefore, the point was kept in the control chart.

Culture/Control/Dilution Water

Burnaby Municipal Dechlorinated Water

Hardness: 22 mg/L CaCO₃ Other parameters available on request.

Test Conditions

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

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

Test Organism :

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

Culture Temperature : 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.1 g **Length (Mean) +- SD :** 3.75 ± 0.32 cm
Culture Water Renewal : ≥ 1L/min/kg fish **Weight (Range) :** 0.3 – 0.6 g **Length (Range) :** 3.30 – 4.20 cm
Culture Photoperiod : 16:8 (light: dark) **% Mortality within 7 days :** 0.07%
Feeding rate and frequency : daily: 1-5% biomass of trout. **Acclimation Time:** >14 days

Reference chemical:

Zinc

Test Date:

Aug 28, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) :

0.35 (0.25, 0.51)mg/L

Statistical Method :

Probit

Historical Mean LC50 (warning limits) :

0.17 (0.09, 0.31) mg/L

Concentration : 0,0.04,0.08,0.16,0.32,0.64 mg/L

Test Method

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

Method Deviations :

None.

Note: The results contained in this report refer only to the testing of the sample submitted. Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation, including the toxicity parameters reported herein. The conductivity, dissolved oxygen and pH data contained within the toxicity report are provided for information purposes and are not individually accredited parameters. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.



RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey
Client Project Name & Number: WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163

Job Number: C573380
Sample Number: DRQ419-17

Analyst : Larissa dos Santos Soares, Melanie Mazziotti

A handwritten signature in cursive script, appearing to read "Kimaki", written over a horizontal line.

Verified By : Kimberly Tamaki, Scientist, Ecotoxicology

Date: Sep 08, 2025 04:38 PM



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 112064

Attention: Saeesh Mangwani

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

Report Date: 2025/09/08
 Report #: R3707324
 Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C573380

Received: 2025/08/26, 16:30

Sample Matrix: Water
 # Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO ₃ ,HCO ₃ ,OH	8	N/A	2025/08/29	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/08/29	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO ₄ -E m
Chromium III (Calc'd)	8	N/A	2025/09/04		
Total Hexavalent Chromium	8	N/A	2025/09/02	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	8	N/A	2025/08/28	BBY6SOP-00053	SM 24 5310 B m
Fluoride	8	N/A	2025/09/03	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/09/04	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H ₂ S) (1)	8	N/A	2025/09/02		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/09/02	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO ₃) (3)	8	N/A	2025/09/04	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO ₃)	6	N/A	2025/09/03	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO ₃)	2	N/A	2025/09/04	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/09/03	2025/09/03	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/08/29	2025/09/02	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/09/02	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/09/02	2025/09/02	BBY8SOP-00029	BCMOE BCLM Sep2017 m
EPH in Water when PAH required	1	2025/09/02	2025/09/03	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	6	N/A	2025/09/03	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	2	N/A	2025/09/04	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	8	N/A	2025/09/03	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/09/03	2025/09/03	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	8	N/A	2025/09/04	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/09/03	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/09/03	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/08/29	AB SOP-00007	SM 24 4500 NH ₃ A G m
Nitrate + Nitrite (N)	8	N/A	2025/08/28	BBY6SOP-00010	SM 24 4500-NO ₃ - H m
Nitrite (N) Regular Level Water	7	N/A	2025/08/28	BBY6SOP-00010	SM 24 4500-NO ₂ - m
Nitrite (N) Regular Level Water	1	N/A	2025/08/29	BBY6SOP-00010	SM 24 4500-NO ₂ - m
Nitrogen - Nitrate (as N)	8	N/A	2025/08/29	BBY WI-00033	Auto Calc



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 112064

Attention: Saeesh Mangwani

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

Report Date: 2025/09/08
 Report #: R3707324
 Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C573380

Received: 2025/08/26, 16:30

Sample Matrix: Water
 # Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAH in Water by GC/MS (SIM)	2	2025/09/02	2025/09/02	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	2	N/A	2025/09/03	BBY WI-00033	Auto Calc
pH @25°C (6)	8	N/A	2025/08/29	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/08/30	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	1	N/A	2025/08/29	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	8	2025/09/02	2025/09/02	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	6	2025/08/28	2025/08/29	BBY6SOP-00033	SM 24 2540 C m
Total Dissolved Solids (Filt. Residue)	2	2025/09/02	2025/09/03	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	2	N/A	2025/09/03	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	8	N/A	2025/08/28	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/09/02	2025/09/03	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	8	2025/09/02	2025/09/03	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/08/27	Field Test	Field Test
Field Temperature	6	N/A	2025/08/27	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/08/29	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	2	N/A	2025/08/30	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



Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 112064

Attention: Saeesh Mangwani

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

Report Date: 2025/09/08
Report #: R3707324
Version: 2 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C573380

Received: 2025/08/26, 16:30
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.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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, Dibenzo(a,h)anthracene, and Benzo(g,h,i)perylene.
- (6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
- (7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
- (8) TOC present in the sample should be considered as non-purgeable TOC.
- (9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Levi Manchak, Project Manager SR
Email: Levi.MANCHAK@bureauveritas.com
Phone# (780)862-5634

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



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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		DRQ418			DRQ418			DRQ419		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	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	C066546				ND	0.0050	C066546
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Calculated Parameters

Total Chromium III	mg/L	ND	0.00099	C064477				ND	0.00099	C064477
Dissolved Hardness (CaCO ₃)	mg/L	53.3	0.50	C064126				54.6	0.50	C064126
Total Hardness (CaCO ₃)	mg/L	47.1	0.50	C064125				55.6	0.50	C064125
Nitrate (N)	mg/L	ND	0.020	C064214				ND	0.020	C064214
Sulphide (as H ₂ S)	mg/L	ND	0.0020	C063970				ND	0.0020	C063970

Field Parameters

Field pH	pH	6.3	N/A	ONSITE				6.9	N/A	ONSITE
Field Temperature	°C	14.8	N/A	ONSITE				13	N/A	ONSITE

Misc. Inorganics

pH	pH	7.56	N/A	C066827				7.58	N/A	C066827
Total Organic Carbon (C)	mg/L	1.7	0.50	C065648				2.0	0.50	C065648
Total Dissolved Solids	mg/L	88	10	C070603				110	10	C066552
Total Suspended Solids	mg/L	1.2	1.0	C070079	1.2	1.0	C070079	1.6	1.0	C070079

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L	1.5	0.50	C066221				1.6	0.50	C066221
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Anions

Alkalinity (PP as CaCO ₃)	mg/L	ND	1.0	C066821				ND	1.0	C066821
Alkalinity (Total as CaCO ₃)	mg/L	47	1.0	C066821				47	1.0	C066821
Bicarbonate (HCO ₃)	mg/L	58	1.0	C066821				58	1.0	C066821
Carbonate (CO ₃)	mg/L	ND	1.0	C066821				ND	1.0	C066821
Dissolved Fluoride (F)	mg/L	0.24	0.050	C070425				0.25	0.050	C070425
Hydroxide (OH)	mg/L	ND	1.0	C066821				ND	1.0	C066821
Total Sulphide	mg/L	ND	0.0018	C070097				ND	0.0018	C070097
Chloride (Cl)	mg/L	9.6	1.0	C067700				9.3	1.0	C067700
Sulphate (SO ₄)	mg/L	9.0	1.0	C067700				9.0	1.0	C067700

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 Job #: C573380
Report Date: 2025/09/08

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		DRQ418			DRQ418			DRQ419		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	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	C070615				ND	0.00099	C070615
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C067799	ND	0.015	C067799	ND	0.015	C067806
Total Phosphorus (P)	mg/L	0.0035	0.0010	C069905				0.0051	0.0010	C069905
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C066542				ND	0.020	C066542
Total Nitrogen (N)	mg/L	0.471	0.020	C069920				0.166	0.020	C069920
Misc. Organics										
Phenols	mg/L							ND	0.0015	C068596
Rainbow Trout										
LC50	% vol/vol							ATTACHED	N/A	C067848
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 Job #: C573380
Report Date: 2025/09/08

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		DRQ419			DRQ420		DRQ421		DRQ422		
Sampling Date		2025/08/26			2025/08/26		2025/08/26		2025/08/26		
COC Number		112064			112064		112064		112064		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch

ANIONS											
Nitrite (N)	mg/L				ND	C066546	ND	C066546	ND	0.0050	C066546
Calculated Parameters											
Total Chromium III	mg/L				ND	C064477	0.0029	C064477	0.0020	0.00099	C064477
Dissolved Hardness (CaCO ₃)	mg/L				9.75	C064126	9.43	C064126	8.46	0.50	C064126
Total Hardness (CaCO ₃)	mg/L				8.90	C064125	27.7	C064125	20.6	0.50	C064125
Nitrate (N)	mg/L				0.043	C064214	0.032	C064214	0.024	0.020	C064214
Sulphide (as H ₂ S)	mg/L				ND	C063970	0.0091	C063970	0.014	0.0020	C063970
Field Parameters											
Field pH	pH				7	ONSITE	6.88	ONSITE	6.73	N/A	ONSITE
Field Temperature	°C				18.1	ONSITE	14.1	ONSITE	14.4	N/A	ONSITE
Misc. Inorganics											
pH	pH				6.77	C066827	6.74	C066913	6.63	N/A	C066913
Total Organic Carbon (C)	mg/L				2.1	C065648	ND	C065648	ND	0.50	C065648
Total Dissolved Solids	mg/L				24	C066552	32	C066552	28	10	C066552
Total Suspended Solids	mg/L				ND	C070079	250	C070079	230	1.0	C070079
Lab Filtered Inorganics											
Dissolved Organic Carbon (C)	mg/L				2.1	C066221	ND	C066221	ND	0.50	C066493
Anions											
Alkalinity (PP as CaCO ₃)	mg/L				ND	C066821	ND	C066908	ND	1.0	C066908
Alkalinity (Total as CaCO ₃)	mg/L				9.4	C066821	8.3	C066908	7.4	1.0	C066908
Bicarbonate (HCO ₃)	mg/L				11	C066821	10	C066908	9.1	1.0	C066908
Carbonate (CO ₃)	mg/L				ND	C066821	ND	C066908	ND	1.0	C066908
Dissolved Fluoride (F)	mg/L				ND	C070425	ND	C070425	ND	0.050	C070425
Hydroxide (OH)	mg/L				ND	C066821	ND	C066908	ND	1.0	C066908
Total Sulphide	mg/L				ND	C070097	0.0086	C070097	0.013	0.0018	C070097
Chloride (Cl)	mg/L				ND	C067700	ND	C067700	ND	1.0	C067700
Sulphate (SO ₄)	mg/L				2.1	C067700	2.7	C067700	2.3	1.0	C067700
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 Job #: C573380
Report Date: 2025/09/08

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		DRQ419			DRQ420		DRQ421		DRQ422		
Sampling Date		2025/08/26			2025/08/26		2025/08/26		2025/08/26		
COC Number		112064			112064		112064		112064		
	UNITS	WLNG -EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch
Metals											
Total Hex. Chromium (Cr 6+)	mg/L				ND	C070615	ND	C070615	ND	0.00099	C070615
Nutrients											
Total Ammonia (N)	mg/L	ND	0.015	C067806	ND	C067799	0.049	C067799	0.035	0.015	C067806
Total Phosphorus (P)	mg/L				0.0084	C069905	0.28	C069905	0.28	0.0010	C069905
Nitrate plus Nitrite (N)	mg/L				0.043	C066542	0.032	C066542	0.024	0.020	C066542
Total Nitrogen (N)	mg/L				0.117	C069920	0.145	C069920	0.109	0.020	C069920
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 Job #: C573380
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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		DRQ422			DRQ423			DRQ423		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C066546	ND	0.0050	C066546
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C064477			
Dissolved Hardness (CaCO ₃)	mg/L				ND	0.50	C064126			
Total Hardness (CaCO ₃)	mg/L				ND	0.50	C064125			
Nitrate (N)	mg/L				ND	0.020	C064214			
Sulphide (as H ₂ S)	mg/L				ND	0.0020	C063970			
Misc. Inorganics										
pH	pH				5.80	N/A	C066913			
Total Organic Carbon (C)	mg/L				ND	0.50	C065648			
Total Dissolved Solids	mg/L				ND	10	C066552	ND	10	C066552
Total Suspended Solids	mg/L				ND	1.0	C070079			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				ND	0.50	C066493			
Anions										
Alkalinity (PP as CaCO ₃)	mg/L				ND	1.0	C066908			
Alkalinity (Total as CaCO ₃)	mg/L				ND	1.0	C066908			
Bicarbonate (HCO ₃)	mg/L				ND	1.0	C066908			
Carbonate (CO ₃)	mg/L				ND	1.0	C066908			
Dissolved Fluoride (F)	mg/L				ND	0.050	C070425			
Hydroxide (OH)	mg/L				ND	1.0	C066908			
Total Sulphide	mg/L	0.013	0.0018	C070097	ND	0.0018	C070097			
Chloride (Cl)	mg/L				ND	1.0	C067700	ND	1.0	C067700
Sulphate (SO ₄)	mg/L				ND	1.0	C067700	ND	1.0	C067700
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				0.00099	0.00099	C070615			
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 Job #: C573380
Report Date: 2025/09/08

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		DRQ422			DRQ423			DRQ423		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C067799			
Total Phosphorus (P)	mg/L				ND	0.0010	C069905			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C066542	ND	0.020	C066542
Total Nitrogen (N)	mg/L				0.045	0.020	C069920	0.052	0.020	C069920
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 Job #: C573380
Report Date: 2025/09/08

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		DRQ424			DRQ425			DRQ425		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch

ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C066546	ND	0.0050	C066546			
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C064477	ND	0.00099	C064477			
Dissolved Hardness (CaCO ₃)	mg/L	ND	0.50	C064126	54.2	0.50	C064126			
Total Hardness (CaCO ₃)	mg/L	ND	0.50	C064125	55.5	0.50	C064125			
Nitrate (N)	mg/L	ND	0.020	C064214	ND	0.020	C064214			
Sulphide (as H ₂ S)	mg/L	ND	0.0020	C063970	ND	0.0020	C063970			
Field Parameters										
Field pH	pH				6.9	N/A	ONSITE			
Field Temperature	°C				13	N/A	ONSITE			
Misc. Inorganics										
pH	pH	5.67	N/A	C066913	7.48	N/A	C066913			
Total Organic Carbon (C)	mg/L	ND	0.50	C065648	1.8	0.50	C065648			
Total Dissolved Solids	mg/L	ND	10	C066552	88	10	C070603			
Total Suspended Solids	mg/L	ND	1.0	C070079	1.2	1.0	C070079			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	C066493	1.5	0.50	C066493			
Anions										
Alkalinity (PP as CaCO ₃)	mg/L	ND	1.0	C066908	ND	1.0	C066908			
Alkalinity (Total as CaCO ₃)	mg/L	ND	1.0	C066908	48	1.0	C066908			
Bicarbonate (HCO ₃)	mg/L	ND	1.0	C066908	59	1.0	C066908			
Carbonate (CO ₃)	mg/L	ND	1.0	C066908	ND	1.0	C066908			
Dissolved Fluoride (F)	mg/L	ND	0.050	C070425	0.25	0.050	C070425			
Hydroxide (OH)	mg/L	ND	1.0	C066908	ND	1.0	C066908			
Total Sulphide	mg/L	ND	0.0018	C070097	ND	0.0018	C070097			
Chloride (Cl)	mg/L	ND	1.0	C067700	9.7	1.0	C067700			
Sulphate (SO ₄)	mg/L	ND	1.0	C067700	9.0	1.0	C067700			

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 Job #: C573380
Report Date: 2025/09/08

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		DRQ424			DRQ425			DRQ425		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C070615	ND	0.00099	C070615	ND	0.00099	C070615
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C067806	ND	0.015	C067799			
Total Phosphorus (P)	mg/L	ND	0.0010	C069905	0.0031	0.0010	C069905			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C066542	ND	0.020	C066542			
Total Nitrogen (N)	mg/L	ND	0.020	C069920	0.176	0.020	C069920			
Misc. Organics										
Phenols	mg/L				ND	0.0015	C068596			
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 Job #: C573380
Report Date: 2025/09/08

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DRQ419	DRQ425	DRQ425		
Sampling Date		2025/08/26	2025/08/26	2025/08/26		
COC Number		112064	112064	112064		
	UNITS	WLNG -EOP	DUP	DUP Lab-Dup	RDL	QC Batch
Glycols						
Ethylene Glycol	mg/L	ND	ND	ND	3.0	C069951
Diethylene Glycol	mg/L	ND	ND	ND	5.0	C069951
Triethylene Glycol	mg/L	ND	ND	ND	5.0	C069951
Propylene Glycol	mg/L	ND	ND	ND	5.0	C069951
Surrogate Recovery (%)						
Methyl Sulfone (sur.)	%	87	87	81		C069951
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 Job #: C573380
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HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DRQ418			DRQ418			DRQ419	DRQ420		
Sampling Date		2025/08/26			2025/08/26			2025/08/26	2025/08/26		
COC Number		112064			112064			112064	112064		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Elements											
Total Mercury (Hg)	ug/L	ND	0.0019	C067466				ND	ND	0.0019	C067466
Lab Filtered Elements											
Dissolved Mercury (Hg)	ug/L	ND (1)	0.0019	C071264	ND	0.0019	C071264	ND (1)	ND (1)	0.0019	C071264
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate 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		DRQ421	DRQ422	DRQ423	DRQ424	DRQ425		
Sampling Date		2025/08/26	2025/08/26	2025/08/26	2025/08/26	2025/08/26		
COC Number		112064	112064	112064	112064	112064		
	UNITS	SQRI-US	SQRI-DS	Field Blank	Trip Blank	DUP	RDL	QC Batch
Elements								
Total Mercury (Hg)	ug/L	0.0051	ND	ND	ND	ND	0.0019	C067466
Lab Filtered Elements								
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	C071264
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.								



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ418			DRQ418			DRQ419	DRQ420		
Sampling Date		2025/08/26			2025/08/26			2025/08/26	2025/08/26		
COC Number		112064			112064			112064	112064		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	C070150				ND	ND	0.010	C070150
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	19.8	0.050	C064132				20.2	3.32	0.050	C064132
Dissolved Magnesium (Mg)	mg/L	0.977	0.050	C064132				0.983	0.357	0.050	C064132
Dissolved Potassium (K)	mg/L	1.60	0.050	C064132				1.72	0.223	0.050	C064132
Dissolved Sodium (Na)	mg/L	6.14	0.050	C064132				6.32	1.89	0.050	C064132
Dissolved Sulphur (S)	mg/L	3.1	3.0	C064132				ND	ND	3.0	C064132
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	60.9	0.50	C067464				47.8	32.5	0.50	C067464
Dissolved Antimony (Sb)	ug/L	0.413	0.020	C067464				0.446	0.029	0.020	C067464
Dissolved Arsenic (As)	ug/L	1.37	0.020	C067464				1.51	0.144	0.020	C067464
Dissolved Barium (Ba)	ug/L	5.52	0.020	C067464				5.70	5.52	0.020	C067464
Dissolved Beryllium (Be)	ug/L	ND	0.010	C067464				ND	ND	0.010	C067464
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C067464				ND	ND	0.0050	C067464
Dissolved Boron (B)	ug/L	14	10	C067464				15	ND	10	C067464
Dissolved Cadmium (Cd)	ug/L	0.0122	0.0050	C067464				0.0099	ND	0.0050	C067464
Dissolved Cesium (Cs)	ug/L	ND	0.050	C067464				ND	ND	0.050	C067464
Dissolved Chromium (Cr)	ug/L	ND	0.10	C067464				ND	ND	0.10	C067464
Dissolved Cobalt (Co)	ug/L	0.0575	0.0050	C067464				0.0641	0.0221	0.0050	C067464
Dissolved Copper (Cu)	ug/L	0.066	0.050	C067464				0.466	0.625	0.050	C067464
Dissolved Iron (Fe)	ug/L	1.4	1.0	C067464				ND	44.1	1.0	C067464
Dissolved Lead (Pb)	ug/L	ND	0.0050	C067464				0.0057	0.0151	0.0050	C067464
Dissolved Lithium (Li)	ug/L	3.40	0.50	C067464				3.87	ND	0.50	C067464
Dissolved Manganese (Mn)	ug/L	41.0	0.050	C067464				46.1	0.789	0.050	C067464
Dissolved Molybdenum (Mo)	ug/L	24.8	0.050	C067464				25.3	0.523	0.050	C067464
Dissolved Nickel (Ni)	ug/L	0.166	0.020	C067464				0.232	0.238	0.020	C067464
Dissolved Phosphorus (P)	ug/L	3.0	2.0	C067464				ND	4.0	2.0	C067464
Dissolved Rubidium (Rb)	ug/L	3.40	0.050	C067464				3.68	0.587	0.050	C067464
Dissolved Selenium (Se)	ug/L	ND	0.040	C067464				ND	ND	0.040	C067464
Dissolved Silicon (Si)	ug/L	6560	50	C067464				6680	4920	50	C067464
Dissolved Silver (Ag)	ug/L	ND	0.0050	C067464				ND	ND	0.0050	C067464
RDL = Reportable Detection Limit											
Lab-Dup = Laboratory Initiated Duplicate											
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.											



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ418			DRQ418			DRQ419	DRQ420		
Sampling Date		2025/08/26			2025/08/26			2025/08/26	2025/08/26		
COC Number		112064			112064			112064	112064		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	43.3	0.050	C067464				44.2	17.1	0.050	C067464
Dissolved Tellurium (Te)	ug/L	ND	0.020	C067464				ND	ND	0.020	C067464
Dissolved Thallium (Tl)	ug/L	0.0136	0.0020	C067464				0.0137	ND	0.0020	C067464
Dissolved Thorium (Th)	ug/L	0.0075	0.0050	C067464				ND	0.0119	0.0050	C067464
Dissolved Tin (Sn)	ug/L	ND	0.20	C067464				ND	ND	0.20	C067464
Dissolved Titanium (Ti)	ug/L	ND	0.50	C067464				ND	ND	0.50	C067464
Dissolved Uranium (U)	ug/L	0.390	0.0020	C067464				0.358	0.0503	0.0020	C067464
Dissolved Vanadium (V)	ug/L	ND	0.20	C067464				ND	0.21	0.20	C067464
Dissolved Zinc (Zn)	ug/L	1.27	0.10	C067464				3.01	0.48	0.10	C067464
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C067464				ND	ND	0.10	C067464
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	117	3.0	C071016	115	3.0	C071016	151	43.5	3.0	C071016
Total Antimony (Sb)	ug/L	0.398	0.020	C071016	0.408	0.020	C071016	0.454	ND	0.020	C071016
Total Arsenic (As)	ug/L	1.35	0.020	C071016	1.43	0.020	C071016	1.69	0.127	0.020	C071016
Total Barium (Ba)	ug/L	5.71	0.050	C071016	5.58	0.050	C071016	6.73	5.46	0.050	C071016
Total Beryllium (Be)	ug/L	ND	0.010	C071016	ND	0.010	C071016	ND	ND	0.010	C071016
Total Bismuth (Bi)	ug/L	ND	0.010	C071016	ND	0.010	C071016	ND	ND	0.010	C071016
Total Boron (B)	ug/L	14	10	C071016	15	10	C071016	16	ND	10	C071016
Total Cadmium (Cd)	ug/L	0.0100	0.0050	C071016	0.0080	0.0050	C071016	0.0130	0.0060	0.0050	C071016
Total Cesium (Cs)	ug/L	ND	0.050	C071016	ND	0.050	C071016	ND	ND	0.050	C071016
Total Chromium (Cr)	ug/L	ND	0.10	C071016	0.11	0.10	C071016	ND	0.23	0.10	C071016
Total Cobalt (Co)	ug/L	0.057	0.010	C071016	0.059	0.010	C071016	0.069	0.022	0.010	C071016
Total Copper (Cu)	ug/L	0.14	0.10	C071016	0.12	0.10	C071016	1.49	0.66	0.10	C071016
Total Iron (Fe)	ug/L	20.1	5.0	C071016	21.9	5.0	C071016	42.3	68.2	5.0	C071016
Total Lead (Pb)	ug/L	ND	0.020	C071016	ND	0.020	C071016	0.107	0.031	0.020	C071016
Total Lithium (Li)	ug/L	3.49	0.50	C071016	3.70	0.50	C071016	4.30	ND	0.50	C071016
Total Manganese (Mn)	ug/L	39.5	0.10	C071016	42.4	0.10	C071016	52.2	1.74	0.10	C071016
Total Molybdenum (Mo)	ug/L	22.8	0.050	C071016	24.3	0.050	C071016	28.1	0.579	0.050	C071016
Total Nickel (Ni)	ug/L	0.17	0.10	C071016	0.20	0.10	C071016	0.47	0.22	0.10	C071016
Total Phosphorus (P)	ug/L	5.3	5.0	C071016	7.3	5.0	C071016	5.8	9.9	5.0	C071016
Total Rubidium (Rb)	ug/L	3.11	0.050	C071016	3.27	0.050	C071016	3.96	0.538	0.050	C071016
Total Selenium (Se)	ug/L	ND	0.040	C071016	ND	0.040	C071016	ND	ND	0.040	C071016
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 Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ418			DRQ418			DRQ419	DRQ420		
Sampling Date		2025/08/26			2025/08/26			2025/08/26	2025/08/26		
COC Number		112064			112064			112064	112064		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Total Silicon (Si)	ug/L	6240 (1)	50	C071016	6660	50	C071016	7570	4720	50	C071016
Total Silver (Ag)	ug/L	ND	0.010	C071016	ND	0.010	C071016	ND	ND	0.010	C071016
Total Strontium (Sr)	ug/L	40.8	0.050	C071016	42.8	0.050	C071016	47.1	15.2	0.050	C071016
Total Tellurium (Te)	ug/L	ND (1)	0.020	C071016	ND	0.020	C071016	ND	ND	0.020	C071016
Total Thallium (Tl)	ug/L	0.0110	0.0020	C071016	0.0120	0.0020	C071016	0.0180	0.0030	0.0020	C071016
Total Thorium (Th)	ug/L	ND	0.050	C071016	ND	0.050	C071016	ND	ND	0.050	C071016
Total Tin (Sn)	ug/L	ND	0.20	C071016	ND	0.20	C071016	ND	ND	0.20	C071016
Total Titanium (Ti)	ug/L	ND	2.0	C071016	ND	2.0	C071016	ND	ND	2.0	C071016
Total Uranium (U)	ug/L	0.455	0.0050	C071016	0.497	0.0050	C071016	0.531	0.0580	0.0050	C071016
Total Vanadium (V)	ug/L	ND	0.20	C071016	ND	0.20	C071016	ND	0.21	0.20	C071016
Total Zinc (Zn)	ug/L	1.8	1.0	C071016	2.2	1.0	C071016	4.1	ND	1.0	C071016
Total Zirconium (Zr)	ug/L	ND	0.10	C071016	ND	0.10	C071016	ND	ND	0.10	C071016
Total Calcium (Ca)	mg/L	17.3	0.25	C064134				20.5	3.02	0.25	C064134
Total Magnesium (Mg)	mg/L	0.93	0.25	C064134				1.07	0.33	0.25	C064134
Total Potassium (K)	mg/L	1.51	0.25	C064134				1.94	ND	0.25	C064134
Total Sodium (Na)	mg/L	5.54	0.25	C064134				6.63	1.75	0.25	C064134
Total Sulphur (S)	mg/L	ND	3.0	C064134				3.9	ND	3.0	C064134

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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

(1) Matrix spike exceeds acceptance limits due to matrix interference.



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ421			DRQ421			DRQ422		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C070150				ND	0.010	C070150
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	3.15	0.050	C064132				2.83	0.050	C064132
Dissolved Magnesium (Mg)	mg/L	0.382	0.050	C064132				0.337	0.050	C064132
Dissolved Potassium (K)	mg/L	0.559	0.050	C064132				0.567	0.050	C064132
Dissolved Sodium (Na)	mg/L	1.29	0.050	C064132				1.11	0.050	C064132
Dissolved Sulphur (S)	mg/L	ND	3.0	C064132				ND	3.0	C064132
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	32.7	0.50	C067464	33.3	0.50	C067464	42.8	0.50	C067464
Dissolved Antimony (Sb)	ug/L	ND	0.020	C067464	ND	0.020	C067464	ND	0.020	C067464
Dissolved Arsenic (As)	ug/L	0.149	0.020	C067464	0.145	0.020	C067464	0.150	0.020	C067464
Dissolved Barium (Ba)	ug/L	4.07	0.020	C067464	4.10	0.020	C067464	4.55	0.020	C067464
Dissolved Beryllium (Be)	ug/L	ND	0.010	C067464	ND	0.010	C067464	ND	0.010	C067464
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C067464	ND	0.0050	C067464	ND	0.0050	C067464
Dissolved Boron (B)	ug/L	ND	10	C067464	ND	10	C067464	ND	10	C067464
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C067464	ND	0.0050	C067464	ND	0.0050	C067464
Dissolved Cesium (Cs)	ug/L	ND	0.050	C067464	ND	0.050	C067464	ND	0.050	C067464
Dissolved Chromium (Cr)	ug/L	ND	0.10	C067464	ND	0.10	C067464	0.23	0.10	C067464
Dissolved Cobalt (Co)	ug/L	0.0372	0.0050	C067464	0.0367	0.0050	C067464	0.0343	0.0050	C067464
Dissolved Copper (Cu)	ug/L	0.306	0.050	C067464	0.319	0.050	C067464	0.326	0.050	C067464
Dissolved Iron (Fe)	ug/L	18.6	1.0	C067464	19.0	1.0	C067464	24.0	1.0	C067464
Dissolved Lead (Pb)	ug/L	0.0090	0.0050	C067464	0.0114	0.0050	C067464	0.0119	0.0050	C067464
Dissolved Lithium (Li)	ug/L	0.76	0.50	C067464	0.76	0.50	C067464	0.70	0.50	C067464
Dissolved Manganese (Mn)	ug/L	10.4	0.050	C067464	10.7	0.050	C067464	10.9	0.050	C067464
Dissolved Molybdenum (Mo)	ug/L	0.346	0.050	C067464	0.375	0.050	C067464	0.328	0.050	C067464
Dissolved Nickel (Ni)	ug/L	0.064	0.020	C067464	0.091	0.020	C067464	0.175	0.020	C067464
Dissolved Phosphorus (P)	ug/L	12.7	2.0	C067464	13.3	2.0	C067464	8.5	2.0	C067464
Dissolved Rubidium (Rb)	ug/L	0.832	0.050	C067464	0.854	0.050	C067464	0.874	0.050	C067464
Dissolved Selenium (Se)	ug/L	ND	0.040	C067464	ND	0.040	C067464	ND	0.040	C067464
Dissolved Silicon (Si)	ug/L	2600	50	C067464	2620	50	C067464	2190	50	C067464
Dissolved Silver (Ag)	ug/L	ND	0.0050	C067464	ND	0.0050	C067464	ND	0.0050	C067464
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 Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ421			DRQ421			DRQ422		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	19.6	0.050	C067464	19.9	0.050	C067464	17.5	0.050	C067464
Dissolved Tellurium (Te)	ug/L	ND	0.020	C067464	ND	0.020	C067464	ND	0.020	C067464
Dissolved Thallium (Tl)	ug/L	0.0031	0.0020	C067464	0.0024	0.0020	C067464	0.0029	0.0020	C067464
Dissolved Thorium (Th)	ug/L	0.0095	0.0050	C067464	0.0075	0.0050	C067464	0.0078	0.0050	C067464
Dissolved Tin (Sn)	ug/L	ND	0.20	C067464	ND	0.20	C067464	ND	0.20	C067464
Dissolved Titanium (Ti)	ug/L	0.97	0.50	C067464	1.02	0.50	C067464	1.34	0.50	C067464
Dissolved Uranium (U)	ug/L	0.0097	0.0020	C067464	0.0095	0.0020	C067464	0.0106	0.0020	C067464
Dissolved Vanadium (V)	ug/L	1.01	0.20	C067464	0.99	0.20	C067464	0.82	0.20	C067464
Dissolved Zinc (Zn)	ug/L	0.14	0.10	C067464	0.21	0.10	C067464	0.11	0.10	C067464
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C067464	ND	0.10	C067464	ND	0.10	C067464
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	7950	3.0	C071016				4500	3.0	C071016
Total Antimony (Sb)	ug/L	0.036	0.020	C071016				0.028	0.020	C071016
Total Arsenic (As)	ug/L	0.529	0.020	C071016				0.404	0.020	C071016
Total Barium (Ba)	ug/L	96.3	0.050	C071016				76.0	0.050	C071016
Total Beryllium (Be)	ug/L	0.096	0.010	C071016				0.062	0.010	C071016
Total Bismuth (Bi)	ug/L	0.013	0.010	C071016				0.011	0.010	C071016
Total Boron (B)	ug/L	ND	10	C071016				ND	10	C071016
Total Cadmium (Cd)	ug/L	0.0230	0.0050	C071016				0.0180	0.0050	C071016
Total Cesium (Cs)	ug/L	0.222	0.050	C071016				0.188	0.050	C071016
Total Chromium (Cr)	ug/L	2.86	0.10	C071016				1.99	0.10	C071016
Total Cobalt (Co)	ug/L	2.52	0.010	C071016				1.98	0.010	C071016
Total Copper (Cu)	ug/L	8.49	0.10	C071016				6.57	0.10	C071016
Total Iron (Fe)	ug/L	5290	5.0	C071016				3910	5.0	C071016
Total Lead (Pb)	ug/L	1.01	0.020	C071016				0.728	0.020	C071016
Total Lithium (Li)	ug/L	3.97	0.50	C071016				3.21	0.50	C071016
Total Manganese (Mn)	ug/L	150	0.10	C071016				120	0.10	C071016
Total Molybdenum (Mo)	ug/L	0.437	0.050	C071016				0.369	0.050	C071016
Total Nickel (Ni)	ug/L	2.96	0.10	C071016				2.17	0.10	C071016
Total Phosphorus (P)	ug/L	352	5.0	C071016				264	5.0	C071016
Total Rubidium (Rb)	ug/L	7.24	0.050	C071016				6.22	0.050	C071016
Total Selenium (Se)	ug/L	ND	0.040	C071016				ND	0.040	C071016
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 Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ421			DRQ421			DRQ422		
Sampling Date		2025/08/26			2025/08/26			2025/08/26		
COC Number		112064			112064			112064		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch
Total Silicon (Si)	ug/L	14400	50	C071016				8970	50	C071016
Total Silver (Ag)	ug/L	0.018	0.010	C071016				0.011	0.010	C071016
Total Strontium (Sr)	ug/L	78.5	0.050	C071016				45.6	0.050	C071016
Total Tellurium (Te)	ug/L	0.066	0.020	C071016				0.044	0.020	C071016
Total Thallium (Tl)	ug/L	0.0490	0.0020	C071016				0.0430	0.0020	C071016
Total Thorium (Th)	ug/L	0.336	0.050	C071016				0.152	0.050	C071016
Total Tin (Sn)	ug/L	ND	0.20	C071016				ND	0.20	C071016
Total Titanium (Ti)	ug/L	380	2.0	C071016				282	2.0	C071016
Total Uranium (U)	ug/L	0.159	0.0050	C071016				0.134	0.0050	C071016
Total Vanadium (V)	ug/L	13.1	0.20	C071016				9.71	0.20	C071016
Total Zinc (Zn)	ug/L	17.2	1.0	C071016				13.9	1.0	C071016
Total Zirconium (Zr)	ug/L	0.80	0.10	C071016				0.64	0.10	C071016
Total Calcium (Ca)	mg/L	6.22	0.25	C064134				4.45	0.25	C064134
Total Magnesium (Mg)	mg/L	2.95	0.25	C064134				2.30	0.25	C064134
Total Potassium (K)	mg/L	2.50	0.25	C064134				2.10	0.25	C064134
Total Sodium (Na)	mg/L	2.97	0.25	C064134				1.82	0.25	C064134
Total Sulphur (S)	mg/L	ND	3.0	C064134				ND	3.0	C064134
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 Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ423		DRQ424		DRQ425		
Sampling Date		2025/08/26		2025/08/26		2025/08/26		
COC Number		112064		112064		112064		
	UNITS	Field Blank	QC Batch	Trip Blank	QC Batch	DUP	RDL	QC Batch
ANIONS								
Bromide (Br)	mg/L	ND	C070150	ND	C070150	ND	0.010	C070150
Dissolved Metals by ICPMS								
Dissolved Calcium (Ca)	mg/L	ND	C064132	ND	C064132	20.0	0.050	C064132
Dissolved Magnesium (Mg)	mg/L	ND	C064132	ND	C064132	1.04	0.050	C064132
Dissolved Potassium (K)	mg/L	ND	C064132	ND	C064132	1.82	0.050	C064132
Dissolved Sodium (Na)	mg/L	ND	C064132	ND	C064132	6.63	0.050	C064132
Dissolved Sulphur (S)	mg/L	ND	C064132	ND	C064132	3.3	3.0	C064132
Lab Filtered Metals								
Dissolved Aluminum (Al)	ug/L	0.52	C067464	ND	C073640	48.5	0.50	C067468
Dissolved Antimony (Sb)	ug/L	ND	C067464	ND	C067468	0.470	0.020	C067468
Dissolved Arsenic (As)	ug/L	ND	C067464	ND	C067468	1.60	0.020	C067468
Dissolved Barium (Ba)	ug/L	ND	C067464	ND	C067468	6.03	0.020	C067468
Dissolved Beryllium (Be)	ug/L	ND	C067464	ND	C067468	ND	0.010	C067468
Dissolved Bismuth (Bi)	ug/L	ND	C067464	ND	C067468	ND	0.0050	C067468
Dissolved Boron (B)	ug/L	ND	C067464	ND	C067468	16	10	C067468
Dissolved Cadmium (Cd)	ug/L	ND	C067464	ND	C067468	0.0121	0.0050	C067468
Dissolved Cesium (Cs)	ug/L	ND	C067464	ND	C067468	ND	0.050	C067468
Dissolved Chromium (Cr)	ug/L	ND	C067464	ND	C067468	ND	0.10	C067468
Dissolved Cobalt (Co)	ug/L	ND	C067464	ND	C067468	0.0585	0.0050	C067468
Dissolved Copper (Cu)	ug/L	ND	C067464	ND	C067468	0.518	0.050	C067468
Dissolved Iron (Fe)	ug/L	ND	C067464	ND	C067468	1.8	1.0	C067468
Dissolved Lead (Pb)	ug/L	ND	C067464	ND	C067468	0.0094	0.0050	C067468
Dissolved Lithium (Li)	ug/L	ND	C067464	ND	C067468	3.95	0.50	C067468
Dissolved Manganese (Mn)	ug/L	ND	C067464	ND	C067468	48.1	0.050	C067468
Dissolved Molybdenum (Mo)	ug/L	ND	C067464	0.063	C067468	26.9	0.050	C067468
Dissolved Nickel (Ni)	ug/L	ND	C067464	ND	C067468	0.262	0.020	C067468
Dissolved Phosphorus (P)	ug/L	2.5	C067464	ND	C073640	3.3	2.0	C067468
Dissolved Rubidium (Rb)	ug/L	ND	C067464	ND	C067468	3.91	0.050	C067468
Dissolved Selenium (Se)	ug/L	ND	C067464	ND	C067468	ND	0.040	C067468
Dissolved Silicon (Si)	ug/L	ND	C067464	ND	C067468	6890	50	C067468
Dissolved Silver (Ag)	ug/L	ND	C067464	ND	C067468	ND	0.0050	C067468
Dissolved Strontium (Sr)	ug/L	ND	C067464	ND	C067468	47.6	0.050	C067468
RDL = Reportable Detection Limit								
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.								



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ423		DRQ424		DRQ425		
Sampling Date		2025/08/26		2025/08/26		2025/08/26		
COC Number		112064		112064		112064		
	UNITS	Field Blank	QC Batch	Trip Blank	QC Batch	DUP	RDL	QC Batch
Dissolved Tellurium (Te)	ug/L	ND	C067464	ND	C067468	ND	0.020	C067468
Dissolved Thallium (Tl)	ug/L	ND	C067464	ND	C067468	0.0158	0.0020	C067468
Dissolved Thorium (Th)	ug/L	0.0062	C067464	ND	C067468	ND	0.0050	C067468
Dissolved Tin (Sn)	ug/L	ND	C067464	ND	C067468	ND	0.20	C067468
Dissolved Titanium (Ti)	ug/L	ND	C067464	ND	C067468	ND	0.50	C067468
Dissolved Uranium (U)	ug/L	ND	C067464	ND	C067468	0.370	0.0020	C067468
Dissolved Vanadium (V)	ug/L	ND	C067464	ND	C067468	ND	0.20	C067468
Dissolved Zinc (Zn)	ug/L	0.14	C067464	0.11	C067468	3.15	0.10	C067468
Dissolved Zirconium (Zr)	ug/L	ND	C067464	ND	C067468	ND	0.10	C067468
Total Metals by ICPMS								
Total Aluminum (Al)	ug/L	ND	C070280	ND	C070280	166	0.50	C070280
Total Antimony (Sb)	ug/L	ND	C070280	ND	C070280	0.441	0.020	C070280
Total Arsenic (As)	ug/L	ND	C070280	ND	C070280	1.54	0.020	C070280
Total Barium (Ba)	ug/L	ND	C070280	ND	C070280	8.90	0.020	C070280
Total Beryllium (Be)	ug/L	ND	C070280	ND	C070280	ND	0.010	C070280
Total Bismuth (Bi)	ug/L	ND	C070280	ND	C070280	ND	0.0050	C070280
Total Boron (B)	ug/L	ND	C070280	ND	C070280	17	10	C070280
Total Cadmium (Cd)	ug/L	ND	C070280	ND	C070280	0.0134	0.0050	C070280
Total Cesium (Cs)	ug/L	ND	C070280	ND	C070280	ND	0.050	C070280
Total Chromium (Cr)	ug/L	ND	C070280	ND	C070280	ND	0.10	C070280
Total Cobalt (Co)	ug/L	ND	C070280	ND	C070280	0.0738	0.0050	C070280
Total Copper (Cu)	ug/L	ND	C070280	ND	C070280	0.897	0.050	C070280
Total Iron (Fe)	ug/L	ND	C070280	ND	C070280	53.8	1.0	C070280
Total Lead (Pb)	ug/L	ND	C070280	ND	C070280	0.123	0.0050	C070280
Total Lithium (Li)	ug/L	ND	C070280	ND	C070280	3.83	0.50	C070280
Total Manganese (Mn)	ug/L	ND	C070280	ND	C070280	51.8	0.050	C070280
Total Molybdenum (Mo)	ug/L	ND	C070280	ND	C070280	26.3	0.050	C070280
Total Nickel (Ni)	ug/L	ND	C070280	ND	C070280	0.241	0.020	C070280
Total Phosphorus (P)	ug/L	ND	C070280	ND	C070280	7.4	2.0	C070280
Total Rubidium (Rb)	ug/L	ND	C070280	ND	C070280	4.13	0.050	C070280
Total Selenium (Se)	ug/L	ND	C070280	ND	C070280	ND	0.040	C070280
Total Silicon (Si)	ug/L	ND	C070280	ND	C070280	6960	50	C070280
Total Silver (Ag)	ug/L	ND	C070280	ND	C070280	ND	0.0050	C070280
RDL = Reportable Detection Limit								
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.								



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRQ423		DRQ424		DRQ425		
Sampling Date		2025/08/26		2025/08/26		2025/08/26		
COC Number		112064		112064		112064		
	UNITS	Field Blank	QC Batch	Trip Blank	QC Batch	DUP	RDL	QC Batch
Total Strontium (Sr)	ug/L	ND	C070280	ND	C070280	47.5	0.050	C070280
Total Tellurium (Te)	ug/L	ND	C070280	ND	C070280	ND	0.020	C070280
Total Thallium (Tl)	ug/L	ND	C070280	ND	C070280	0.0171	0.0020	C070280
Total Thorium (Th)	ug/L	ND	C070280	ND	C070280	ND	0.050	C070280
Total Tin (Sn)	ug/L	ND	C070280	ND	C070280	ND	0.20	C070280
Total Titanium (Ti)	ug/L	ND	C070280	ND	C070280	3.44	0.50	C070280
Total Uranium (U)	ug/L	ND	C070280	ND	C070280	0.400	0.0020	C070280
Total Vanadium (V)	ug/L	ND	C070280	ND	C070280	ND	0.20	C070280
Total Zinc (Zn)	ug/L	ND	C070280	ND	C070280	4.95	0.10	C070280
Total Zirconium (Zr)	ug/L	ND	C070280	ND	C070280	ND	0.10	C070280
Total Calcium (Ca)	mg/L	ND	C064134	ND	C064134	20.5	0.050	C064134
Total Magnesium (Mg)	mg/L	ND	C064134	ND	C064134	1.05	0.050	C064134
Total Potassium (K)	mg/L	ND	C064134	ND	C064134	1.89	0.050	C064134
Total Sodium (Na)	mg/L	ND	C064134	ND	C064134	6.72	0.050	C064134
Total Sulphur (S)	mg/L	ND	C064134	ND	C064134	ND	3.0	C064134
RDL = Reportable Detection Limit								
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.								



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DRQ418	DRQ419	DRQ420	DRQ421	DRQ422	DRQ425		
Sampling Date		2025/08/26	2025/08/26	2025/08/26	2025/08/26	2025/08/26	2025/08/26		
COC Number		112064	112064	112064	112064	112064	112064		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	DUP	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	0.0055	0.0091	ND	0.0018	C064485
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	0.0058	0.0097	ND	0.0019	C064485
RDL = Reportable Detection Limit									
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



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

Bureau Veritas ID		DRQ419	DRQ425		
Sampling Date		2025/08/26	2025/08/26		
COC Number		112064	112064		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
Low Molecular Weight PAH's	ug/L	ND	ND	0.10	C064330
High Molecular Weight PAH's	ug/L	ND	ND	0.050	C064330
Total PAH	ug/L	ND	ND	0.10	C064330
Polycyclic Aromatics					
Quinoline	ug/L	ND	ND	0.020	C069729
Naphthalene	ug/L	ND	ND	0.10	C069729
1-Methylnaphthalene	ug/L	ND	ND	0.050	C069729
2-Methylnaphthalene	ug/L	ND	ND	0.10	C069729
Acenaphthylene	ug/L	ND	ND	0.050	C069729
Acenaphthene	ug/L	ND	ND	0.050	C069729
Fluorene	ug/L	ND	ND	0.050	C069729
Phenanthrene	ug/L	ND	ND	0.050	C069729
Anthracene	ug/L	ND	ND	0.010	C069729
Acridine	ug/L	ND	ND	0.050	C069729
Fluoranthene	ug/L	ND	ND	0.020	C069729
Pyrene	ug/L	ND	ND	0.020	C069729
Benzo(a)anthracene	ug/L	ND	ND	0.010	C069729
Chrysene	ug/L	ND	ND	0.020	C069729
Benzo(b&j)fluoranthene	ug/L	ND	ND	0.030	C069729
Benzo(k)fluoranthene	ug/L	ND	ND	0.050	C069729
Benzo(a)pyrene	ug/L	ND	ND	0.0050	C069729
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	0.050	C069729
Dibenz(a,h)anthracene	ug/L	ND	ND	0.0030	C069729
Benzo(g,h,i)perylene	ug/L	ND	ND	0.050	C069729
Calculated Parameters					
LEPH (C10-C19 less PAH)	mg/L	ND	ND	0.20	C064338
HEPH (C19-C32 less PAH)	mg/L	ND	ND	0.20	C064338
Ext. Pet. Hydrocarbon					
EPH (C10-C19)	mg/L	ND	ND	0.20	C069732
EPH (C19-C32)	mg/L	ND	ND	0.20	C069732
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.					



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

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

Bureau Veritas ID		DRQ419	DRQ425		
Sampling Date		2025/08/26	2025/08/26		
COC Number		112064	112064		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Surrogate Recovery (%)					
O-TERPHENYL (sur.)	%	110	113		C069732
D10-ANTHRACENE (sur.)	%	116	113		C069729
D8-ACENAPHTHYLENE (sur.)	%	103	101		C069729
D8-NAPHTHALENE (sur.)	%	94	94		C069729
TERPHENYL-D14 (sur.)	%	112	110		C069729
RDL = Reportable Detection Limit					



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DRQ419	DRQ425		
Sampling Date		2025/08/26	2025/08/26		
COC Number		112064	112064		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	C064344
Volatiles					
VH C6-C10	ug/L	ND	ND	300	C065922
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	C065922
1,1,1-trichloroethane	ug/L	ND	ND	0.50	C065922
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	C065922
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	C065922
1,1,2-trichloroethane	ug/L	ND	ND	0.50	C065922
1,1-dichloroethane	ug/L	ND	ND	0.50	C065922
1,1-dichloroethene	ug/L	ND	ND	0.50	C065922
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	C065922
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	C065922
1,2-dibromoethane	ug/L	ND	ND	0.20	C065922
1,2-dichlorobenzene	ug/L	ND	ND	0.50	C065922
1,2-dichloroethane	ug/L	ND	ND	0.50	C065922
1,2-dichloropropane	ug/L	ND	ND	0.50	C065922
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	C065922
1,3-Butadiene	ug/L	ND	ND	0.50	C065922
1,3-dichlorobenzene	ug/L	ND	ND	0.50	C065922
1,3-dichloropropane	ug/L	ND	ND	1.0	C065922
1,4-dichlorobenzene	ug/L	ND	ND	0.50	C065922
Benzene	ug/L	ND	ND	0.40	C065922
Bromobenzene	ug/L	ND	ND	2.0	C065922
Bromodichloromethane	ug/L	ND	ND	1.0	C065922
Bromoform	ug/L	ND	ND	1.0	C065922
Bromomethane	ug/L	ND	ND	1.0	C065922
Carbon tetrachloride	ug/L	ND	ND	0.50	C065922
Chlorobenzene	ug/L	ND	ND	0.50	C065922
Dibromochloromethane	ug/L	ND	ND	1.0	C065922
Chloroethane	ug/L	ND	ND	1.0	C065922
Chloroform	ug/L	ND	ND	1.0	C065922
RDL = Reportable Detection Limit					
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.					



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DRQ419	DRQ425		
Sampling Date		2025/08/26	2025/08/26		
COC Number		112064	112064		
	UNITS	WLNG -EOP	DUP	RDL	QC Batch
Chloromethane	ug/L	ND	ND	1.0	C065922
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	C065922
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	C065922
Dichlorodifluoromethane	ug/L	ND	ND	2.0	C065922
Dichloromethane	ug/L	ND	ND	2.0	C065922
Ethylbenzene	ug/L	ND	ND	0.40	C065922
Hexachlorobutadiene	ug/L	ND	ND	0.50	C065922
Isopropylbenzene	ug/L	ND	ND	2.0	C065922
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	C065922
Styrene	ug/L	1.5	1.4	0.50	C065922
Tetrachloroethene	ug/L	ND	ND	0.50	C065922
Toluene	ug/L	ND	ND	0.40	C065922
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	C065922
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	C065922
Trichloroethene	ug/L	ND	ND	0.50	C065922
Trichlorofluoromethane	ug/L	ND	ND	4.0	C065922
Vinyl chloride	ug/L	ND	ND	0.50	C065922
m & p-Xylene	ug/L	ND	ND	0.40	C065922
o-Xylene	ug/L	ND	ND	0.40	C065922
Xylenes (Total)	ug/L	ND	ND	0.40	C065922
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	101	102		C065922
4-Bromofluorobenzene (sur.)	%	87	86		C065922
D4-1,2-Dichloroethane (sur.)	%	84	79		C065922
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.					



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

GENERAL COMMENTS

Sample DRQ423 [Field Blank] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.
Sample DRQ424, Elements by ICPMS Low Level (lab filter): Test repeated.

Results relate only to the items tested.



QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C065648	BTM		Matrix Spike	Total Organic Carbon (C)	2025/08/28		114	%	80 - 120
C065648	BTM		Spiked Blank	Total Organic Carbon (C)	2025/08/28		108	%	80 - 120
C065648	BTM		Method Blank	Total Organic Carbon (C)	2025/08/28	ND, RDL=0.50		mg/L	
C065648	BTM		RPD	Total Organic Carbon (C)	2025/08/28	NC		%	20
C065922	NGU		Matrix Spike	1,4-Difluorobenzene (sur.)	2025/08/28		100	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/08/28		92	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/08/28		77	%	50 - 140
				1,1,1,2-tetrachloroethane	2025/08/28		70	%	50 - 140
				1,1,1-trichloroethane	2025/08/28		75	%	50 - 140
				1,1,2,2-tetrachloroethane	2025/08/28		76	%	50 - 140
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/28		74	%	50 - 140
				1,1,2-trichloroethane	2025/08/28		72	%	50 - 140
				1,1-dichloroethane	2025/08/28		79	%	50 - 140
				1,1-dichloroethene	2025/08/28		93	%	50 - 140
				1,2,3-trichlorobenzene	2025/08/28		82	%	50 - 140
				1,2,4-trichlorobenzene	2025/08/28		84	%	50 - 140
				1,2-dibromoethane	2025/08/28		75	%	50 - 140
				1,2-dichlorobenzene	2025/08/28		83	%	50 - 140
				1,2-dichloroethane	2025/08/28		75	%	50 - 140
				1,2-dichloropropane	2025/08/28		75	%	50 - 140
				1,3,5-trimethylbenzene	2025/08/28		92	%	50 - 140
				1,3-Butadiene	2025/08/28		63	%	50 - 140
				1,3-dichlorobenzene	2025/08/28		84	%	50 - 140
				1,3-dichloropropane	2025/08/28		70	%	50 - 140
				1,4-dichlorobenzene	2025/08/28		82	%	50 - 140
				Benzene	2025/08/28		76	%	50 - 140
				Bromobenzene	2025/08/28		82	%	50 - 140
				Bromodichloromethane	2025/08/28		70	%	50 - 140
				Bromoform	2025/08/28		74	%	50 - 140
				Bromomethane	2025/08/28		79	%	50 - 140
				Carbon tetrachloride	2025/08/28		74	%	50 - 140
				Chlorobenzene	2025/08/28		74	%	50 - 140
				Dibromochloromethane	2025/08/28		72	%	50 - 140
				Chloroethane	2025/08/28		81	%	50 - 140
				Chloroform	2025/08/28		72	%	50 - 140
				Chloromethane	2025/08/28		80	%	50 - 140
				cis-1,2-dichloroethene	2025/08/28		75	%	50 - 140
				cis-1,3-dichloropropene	2025/08/28		73	%	50 - 140
				Dichlorodifluoromethane	2025/08/28		88	%	50 - 140
				Dichloromethane	2025/08/28		69	%	50 - 140
				Ethylbenzene	2025/08/28		78	%	50 - 140
				Hexachlorobutadiene	2025/08/28		80	%	50 - 140
				Isopropylbenzene	2025/08/28		82	%	50 - 140
				Methyl-tert-butylether (MTBE)	2025/08/28		67	%	50 - 140
				Styrene	2025/08/28		66	%	50 - 140
				Tetrachloroethene	2025/08/28		72	%	50 - 140
				Toluene	2025/08/28		78	%	50 - 140
				trans-1,2-dichloroethene	2025/08/28		79	%	50 - 140
				trans-1,3-dichloropropene	2025/08/28		54	%	50 - 140
				Trichloroethene	2025/08/28		71	%	50 - 140
				Trichlorofluoromethane	2025/08/28		74	%	50 - 140
				Vinyl chloride	2025/08/28		82	%	50 - 140



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				m & p-Xylene	2025/08/28		66	%	50 - 140
				o-Xylene	2025/08/28		77	%	50 - 140
C065922		NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/08/28		100	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/08/28		94	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/08/28		83	%	50 - 140
				VH C6-C10	2025/08/28		88	%	70 - 130
				1,1,1,2-tetrachloroethane	2025/08/28		75	%	60 - 130
				1,1,1-trichloroethane	2025/08/28		82	%	60 - 130
				1,1,2,2-tetrachloroethane	2025/08/28		79	%	60 - 130
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/28		81	%	60 - 130
				1,1,2-trichloroethane	2025/08/28		75	%	60 - 130
				1,1-dichloroethane	2025/08/28		86	%	60 - 130
				1,1-dichloroethene	2025/08/28		101	%	60 - 130
				1,2,3-trichlorobenzene	2025/08/28		85	%	60 - 130
				1,2,4-trichlorobenzene	2025/08/28		86	%	60 - 130
				1,2-dibromoethane	2025/08/28		80	%	60 - 130
				1,2-dichlorobenzene	2025/08/28		86	%	60 - 130
				1,2-dichloroethane	2025/08/28		79	%	60 - 130
				1,2-dichloropropane	2025/08/28		82	%	60 - 130
				1,3,5-trimethylbenzene	2025/08/28		96	%	60 - 130
				1,3-Butadiene	2025/08/28		80	%	50 - 140
				1,3-dichlorobenzene	2025/08/28		88	%	60 - 130
				1,3-dichloropropane	2025/08/28		73	%	60 - 130
				1,4-dichlorobenzene	2025/08/28		85	%	60 - 130
				Benzene	2025/08/28		82	%	60 - 130
				Bromobenzene	2025/08/28		85	%	60 - 130
				Bromodichloromethane	2025/08/28		76	%	60 - 130
				Bromoform	2025/08/28		77	%	60 - 130
				Bromomethane	2025/08/28		83	%	50 - 140
				Carbon tetrachloride	2025/08/28		82	%	60 - 130
				Chlorobenzene	2025/08/28		79	%	60 - 130
				Dibromochloromethane	2025/08/28		77	%	60 - 130
				Chloroethane	2025/08/28		88	%	50 - 140
				Chloroform	2025/08/28		77	%	60 - 130
				Chloromethane	2025/08/28		87	%	50 - 140
				cis-1,2-dichloroethene	2025/08/28		80	%	60 - 130
				cis-1,3-dichloropropene	2025/08/28		80	%	50 - 140
				Dichlorodifluoromethane	2025/08/28		96	%	50 - 140
				Dichloromethane	2025/08/28		74	%	60 - 130
				Ethylbenzene	2025/08/28		84	%	60 - 130
				Hexachlorobutadiene	2025/08/28		84	%	60 - 130
				Isopropylbenzene	2025/08/28		86	%	60 - 130
				Methyl-tert-butylether (MTBE)	2025/08/28		72	%	60 - 130
				Styrene	2025/08/28		71	%	60 - 130
				Tetrachloroethene	2025/08/28		76	%	60 - 130
				Toluene	2025/08/28		84	%	60 - 130
				trans-1,2-dichloroethene	2025/08/28		85	%	60 - 130
				trans-1,3-dichloropropene	2025/08/28		60	%	50 - 140
				Trichloroethene	2025/08/28		80	%	60 - 130
				Trichlorofluoromethane	2025/08/28		82	%	60 - 130
				Vinyl chloride	2025/08/28		88	%	50 - 140
				m & p-Xylene	2025/08/28		71	%	60 - 130
				o-Xylene	2025/08/28		84	%	60 - 130



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C065922	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/08/28		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/08/28		86	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/08/28		83	%	50 - 140
			VH C6-C10	2025/08/28	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/28	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/08/28	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/08/28	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/08/28	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/08/28	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/08/28	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/08/28	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/08/28	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/08/28	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/08/28	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/08/28	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/08/28	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/08/28	ND, RDL=0.50		ug/L	
			Benzene	2025/08/28	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/08/28	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/08/28	ND, RDL=1.0		ug/L	
			Bromoform	2025/08/28	ND, RDL=1.0		ug/L	
			Bromomethane	2025/08/28	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/08/28	ND, RDL=0.50		ug/L	



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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C065922	NGU	RPD	Chlorobenzene	2025/08/28	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/08/28	ND, RDL=1.0		ug/L	
			Chloroethane	2025/08/28	ND, RDL=1.0		ug/L	
			Chloroform	2025/08/28	ND, RDL=1.0		ug/L	
			Chloromethane	2025/08/28	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/08/28	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/08/28	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/08/28	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/08/28	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/08/28	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/08/28	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/08/28	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/08/28	ND, RDL=4.0		ug/L	
			Styrene	2025/08/28	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/08/28	ND, RDL=0.50		ug/L	
			Toluene	2025/08/28	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/08/28	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/08/28	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/08/28	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/08/28	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/08/28	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/08/28	ND, RDL=0.40		ug/L	
			o-Xylene	2025/08/28	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/08/28	ND, RDL=0.40		ug/L	
			VH C6-C10	2025/08/29	NC		%	30
			1,1,1-trichloroethane	2025/08/29	NC		%	30
			1,1,2,2-tetrachloroethane	2025/08/29	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/29	NC		%	30
			1,1,2-trichloroethane	2025/08/29	NC		%	30
			1,1-dichloroethane	2025/08/29	NC		%	30



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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,1-dichloroethene	2025/08/29	NC		%	30
			1,2,4-trichlorobenzene	2025/08/29	NC		%	30
			1,2-dibromoethane	2025/08/29	NC		%	30
			1,2-dichlorobenzene	2025/08/29	NC		%	30
			1,2-dichloroethane	2025/08/29	NC		%	30
			1,2-dichloropropane	2025/08/29	NC		%	30
			1,3,5-trimethylbenzene	2025/08/29	NC		%	30
			1,3-Butadiene	2025/08/29	NC		%	30
			Benzene	2025/08/29	NC		%	30
			Bromobenzene	2025/08/29	NC		%	30
			Bromodichloromethane	2025/08/29	NC		%	30
			Bromomethane	2025/08/29	NC		%	30
			Carbon tetrachloride	2025/08/29	NC		%	30
			Chlorobenzene	2025/08/29	NC		%	30
			cis-1,2-dichloroethene	2025/08/29	NC		%	30
			Dichlorodifluoromethane	2025/08/29	NC		%	30
			Dichloromethane	2025/08/29	NC		%	30
			Ethylbenzene	2025/08/29	NC		%	30
			Isopropylbenzene	2025/08/29	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/08/29	NC		%	30
			Styrene	2025/08/29	NC		%	30
			Tetrachloroethene	2025/08/29	NC		%	30
			Toluene	2025/08/29	NC		%	30
			trans-1,2-dichloroethene	2025/08/29	NC		%	30
			Trichloroethene	2025/08/29	NC		%	30
			Vinyl chloride	2025/08/29	NC		%	30
			m & p-Xylene	2025/08/29	NC		%	30
			o-Xylene	2025/08/29	NC		%	30
			Xylenes (Total)	2025/08/29	NC		%	30
C066221	BTM	Matrix Spike	Dissolved Organic Carbon (C)	2025/08/28		118	%	80 - 120
C066221	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/08/28		108	%	80 - 120
C066221	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/08/28	ND, RDL=0.50		mg/L	
C066221	BTM	RPD	Dissolved Organic Carbon (C)	2025/08/28	1.5		%	20
C066493	BTM	Matrix Spike	Dissolved Organic Carbon (C)	2025/08/28		120	%	80 - 120
C066493	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/08/28		105	%	80 - 120
C066493	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/08/28	ND, RDL=0.50		mg/L	
C066493	BTM	RPD	Dissolved Organic Carbon (C)	2025/08/28	0.61		%	20
C066542	C2L	Matrix Spike [DRQ423-02]	Nitrate plus Nitrite (N)	2025/08/28		120	%	80 - 120
C066542	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/08/28		110	%	80 - 120
C066542	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/08/28	ND, RDL=0.020		mg/L	
C066542	C2L	RPD [DRQ423-02]	Nitrate plus Nitrite (N)	2025/08/28	NC		%	25
C066546	C2L	Matrix Spike [DRQ423-02]	Nitrite (N)	2025/08/28		104	%	80 - 120
C066546	C2L	Spiked Blank	Nitrite (N)	2025/08/28		104	%	80 - 120
C066546	C2L	Method Blank	Nitrite (N)	2025/08/28	ND, RDL=0.0050		mg/L	
C066546	C2L	RPD [DRQ423-02]	Nitrite (N)	2025/08/28	NC		%	20
C066552	KA5	Matrix Spike [DRQ424-11]	Total Dissolved Solids	2025/08/29		101	%	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
C066552	KA5	Spiked Blank	Total Dissolved Solids	2025/08/29		100	%	80 - 120
C066552	KA5	Method Blank	Total Dissolved Solids	2025/08/29	ND, RDL=10		mg/L	
C066552	KA5	RPD [DRQ423-11]	Total Dissolved Solids	2025/08/29	NC		%	20
C066821	TSO	Spiked Blank	Alkalinity (Total as CaCO3)	2025/08/29		95	%	80 - 120
C066821	TSO	Method Blank	Alkalinity (PP as CaCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/08/29	ND, RDL=1.0		mg/L	
C066821	TSO	RPD	Alkalinity (PP as CaCO3)	2025/08/29	NC		%	20
			Alkalinity (Total as CaCO3)	2025/08/29	1.8		%	20
			Bicarbonate (HCO3)	2025/08/29	1.8		%	20
			Carbonate (CO3)	2025/08/29	NC		%	20
			Hydroxide (OH)	2025/08/29	NC		%	20
C066827	TSO	Spiked Blank	pH	2025/08/29		100	%	97 - 103
C066827	TSO	RPD	pH	2025/08/29	0.38		%	N/A
C066908	TSO	Spiked Blank	Alkalinity (Total as CaCO3)	2025/08/29		96	%	80 - 120
C066908	TSO	Method Blank	Alkalinity (PP as CaCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/08/29	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/08/29	ND, RDL=1.0		mg/L	
C066908	TSO	RPD	Alkalinity (PP as CaCO3)	2025/08/29	NC		%	20
			Alkalinity (Total as CaCO3)	2025/08/29	1.6		%	20
			Bicarbonate (HCO3)	2025/08/29	1.6		%	20
			Carbonate (CO3)	2025/08/29	NC		%	20
			Hydroxide (OH)	2025/08/29	NC		%	20
C066913	TSO	Spiked Blank	pH	2025/08/29		100	%	97 - 103
C067464	AA1	Matrix Spike [DRQ421-05]	Dissolved Aluminum (Al)	2025/09/03		100	%	80 - 120
			Dissolved Antimony (Sb)	2025/09/03		101	%	80 - 120
			Dissolved Arsenic (As)	2025/09/03		100	%	80 - 120
			Dissolved Barium (Ba)	2025/09/03		98	%	80 - 120
			Dissolved Beryllium (Be)	2025/09/03		100	%	80 - 120
			Dissolved Bismuth (Bi)	2025/09/03		96	%	80 - 120
			Dissolved Boron (B)	2025/09/03		104	%	80 - 120
			Dissolved Cadmium (Cd)	2025/09/03		99	%	80 - 120
			Dissolved Cesium (Cs)	2025/09/03		101	%	80 - 120
			Dissolved Chromium (Cr)	2025/09/03		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/09/03		99	%	80 - 120
			Dissolved Copper (Cu)	2025/09/03		97	%	80 - 120
			Dissolved Iron (Fe)	2025/09/03		103	%	80 - 120



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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C067464	AA1	Spiked Blank	Dissolved Lead (Pb)	2025/09/03		94	%	80 - 120
			Dissolved Lithium (Li)	2025/09/03		101	%	80 - 120
			Dissolved Manganese (Mn)	2025/09/03		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/09/03		101	%	80 - 120
			Dissolved Nickel (Ni)	2025/09/03		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/09/03		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/09/03		99	%	80 - 120
			Dissolved Selenium (Se)	2025/09/03		99	%	80 - 120
			Dissolved Silicon (Si)	2025/09/03		99	%	80 - 120
			Dissolved Silver (Ag)	2025/09/03		97	%	80 - 120
			Dissolved Strontium (Sr)	2025/09/03		99	%	80 - 120
			Dissolved Tellurium (Te)	2025/09/03		109	%	80 - 120
			Dissolved Thallium (Tl)	2025/09/03		99	%	80 - 120
			Dissolved Thorium (Th)	2025/09/03		101	%	80 - 120
			Dissolved Tin (Sn)	2025/09/03		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/09/03		103	%	80 - 120
			Dissolved Uranium (U)	2025/09/03		100	%	80 - 120
			Dissolved Vanadium (V)	2025/09/03		100	%	80 - 120
			Dissolved Zinc (Zn)	2025/09/03		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/09/03		99	%	80 - 120
			Dissolved Aluminum (Al)	2025/09/03		104	%	80 - 120
			Dissolved Antimony (Sb)	2025/09/03		101	%	80 - 120
			Dissolved Arsenic (As)	2025/09/03		103	%	80 - 120
			Dissolved Barium (Ba)	2025/09/03		100	%	80 - 120
			Dissolved Beryllium (Be)	2025/09/03		103	%	80 - 120
			Dissolved Bismuth (Bi)	2025/09/03		98	%	80 - 120
			Dissolved Boron (B)	2025/09/03		105	%	80 - 120
			Dissolved Cadmium (Cd)	2025/09/03		102	%	80 - 120
			Dissolved Cesium (Cs)	2025/09/03		104	%	80 - 120
			Dissolved Chromium (Cr)	2025/09/03		102	%	80 - 120
			Dissolved Cobalt (Co)	2025/09/03		100	%	80 - 120
			Dissolved Copper (Cu)	2025/09/03		98	%	80 - 120
			Dissolved Iron (Fe)	2025/09/03		106	%	80 - 120
			Dissolved Lead (Pb)	2025/09/03		95	%	80 - 120
			Dissolved Lithium (Li)	2025/09/03		103	%	80 - 120
			Dissolved Manganese (Mn)	2025/09/03		102	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/09/03		101	%	80 - 120
			Dissolved Nickel (Ni)	2025/09/03		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/09/03		106	%	80 - 120
			Dissolved Rubidium (Rb)	2025/09/03		105	%	80 - 120
			Dissolved Selenium (Se)	2025/09/03		101	%	80 - 120
			Dissolved Silicon (Si)	2025/09/03		110	%	80 - 120
			Dissolved Silver (Ag)	2025/09/03		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/09/03		104	%	80 - 120
			Dissolved Tellurium (Te)	2025/09/03		108	%	80 - 120
			Dissolved Thallium (Tl)	2025/09/03		98	%	80 - 120
			Dissolved Thorium (Th)	2025/09/03		101	%	80 - 120
			Dissolved Tin (Sn)	2025/09/03		101	%	80 - 120
			Dissolved Titanium (Ti)	2025/09/03		104	%	80 - 120
			Dissolved Uranium (U)	2025/09/03		99	%	80 - 120
			Dissolved Vanadium (V)	2025/09/03		102	%	80 - 120
			Dissolved Zinc (Zn)	2025/09/03		108	%	80 - 120
			Dissolved Zirconium (Zr)	2025/09/03		103	%	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
C067464	AA1	Method Blank	Dissolved Aluminum (Al)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/09/03	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/09/03	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/09/03	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/09/03	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/09/03	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/09/03	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/09/03	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/09/03	ND, RDL=0.0050		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
C067464	AA1	RPD [DRQ421-05]	Dissolved Tin (Sn)	2025/09/03	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/09/03	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/09/03	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Aluminum (Al)	2025/09/03	1.6		%	20
			Dissolved Antimony (Sb)	2025/09/03	NC		%	20
			Dissolved Arsenic (As)	2025/09/03	2.9		%	20
			Dissolved Barium (Ba)	2025/09/03	0.73		%	20
			Dissolved Beryllium (Be)	2025/09/03	NC		%	20
			Dissolved Bismuth (Bi)	2025/09/03	NC		%	20
			Dissolved Boron (B)	2025/09/03	NC		%	20
			Dissolved Cadmium (Cd)	2025/09/03	NC		%	20
			Dissolved Cesium (Cs)	2025/09/03	NC		%	20
			Dissolved Chromium (Cr)	2025/09/03	NC		%	20
			Dissolved Cobalt (Co)	2025/09/03	1.4		%	20
			Dissolved Copper (Cu)	2025/09/03	4.4		%	20
			Dissolved Iron (Fe)	2025/09/03	2.3		%	20
			Dissolved Lead (Pb)	2025/09/03	NC		%	20
			Dissolved Lithium (Li)	2025/09/03	0.22		%	20
			Dissolved Manganese (Mn)	2025/09/03	2.8		%	20
			Dissolved Molybdenum (Mo)	2025/09/03	8.0		%	20
			Dissolved Nickel (Ni)	2025/09/03	NC		%	20
			Dissolved Phosphorus (P)	2025/09/03	4.9		%	20
			Dissolved Rubidium (Rb)	2025/09/03	2.6		%	20
			Dissolved Selenium (Se)	2025/09/03	NC		%	20
			Dissolved Silicon (Si)	2025/09/03	0.84		%	20
			Dissolved Silver (Ag)	2025/09/03	NC		%	20
			Dissolved Strontium (Sr)	2025/09/03	1.9		%	20
			Dissolved Tellurium (Te)	2025/09/03	NC		%	20
			Dissolved Thallium (Tl)	2025/09/03	NC		%	20
			Dissolved Thorium (Th)	2025/09/03	NC		%	20
			Dissolved Tin (Sn)	2025/09/03	NC		%	20
			Dissolved Titanium (Ti)	2025/09/03	5.2		%	20
			Dissolved Uranium (U)	2025/09/03	2.1		%	20
			Dissolved Vanadium (V)	2025/09/03	2.0		%	20
			Dissolved Zinc (Zn)	2025/09/03	NC		%	20
			Dissolved Zirconium (Zr)	2025/09/03	NC		%	20
C067466	RLC	Matrix Spike	Total Mercury (Hg)	2025/09/02		92	%	80 - 120
C067466	RLC	Spiked Blank	Total Mercury (Hg)	2025/09/02		101	%	80 - 120
C067466	RLC	Method Blank	Total Mercury (Hg)	2025/09/02	ND, RDL=0.0019		ug/L	
C067466	RLC	RPD	Total Mercury (Hg)	2025/09/02	NC		%	20
C067468	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/09/03		99	%	80 - 120
			Dissolved Antimony (Sb)	2025/09/03		101	%	80 - 120
			Dissolved Arsenic (As)	2025/09/03		104	%	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 Barium (Ba)	2025/09/03		NC	%	80 - 120
				Dissolved Beryllium (Be)	2025/09/03		102	%	80 - 120
				Dissolved Bismuth (Bi)	2025/09/03		99	%	80 - 120
				Dissolved Boron (B)	2025/09/03		106	%	80 - 120
				Dissolved Cadmium (Cd)	2025/09/03		104	%	80 - 120
				Dissolved Cesium (Cs)	2025/09/03		100	%	80 - 120
				Dissolved Chromium (Cr)	2025/09/03		100	%	80 - 120
				Dissolved Cobalt (Co)	2025/09/03		99	%	80 - 120
				Dissolved Copper (Cu)	2025/09/03		96	%	80 - 120
				Dissolved Iron (Fe)	2025/09/03		100	%	80 - 120
				Dissolved Lead (Pb)	2025/09/03		97	%	80 - 120
				Dissolved Lithium (Li)	2025/09/03		97	%	80 - 120
				Dissolved Manganese (Mn)	2025/09/03		99	%	80 - 120
				Dissolved Molybdenum (Mo)	2025/09/03		100	%	80 - 120
				Dissolved Nickel (Ni)	2025/09/03		96	%	80 - 120
				Dissolved Phosphorus (P)	2025/09/03		105	%	80 - 120
				Dissolved Rubidium (Rb)	2025/09/03		98	%	80 - 120
				Dissolved Selenium (Se)	2025/09/03		101	%	80 - 120
				Dissolved Silicon (Si)	2025/09/03		105	%	80 - 120
				Dissolved Silver (Ag)	2025/09/03		103	%	80 - 120
				Dissolved Strontium (Sr)	2025/09/03		NC	%	80 - 120
				Dissolved Tellurium (Te)	2025/09/03		106	%	80 - 120
				Dissolved Thallium (Tl)	2025/09/03		101	%	80 - 120
				Dissolved Thorium (Th)	2025/09/03		105	%	80 - 120
				Dissolved Tin (Sn)	2025/09/03		104	%	80 - 120
				Dissolved Titanium (Ti)	2025/09/03		104	%	80 - 120
				Dissolved Uranium (U)	2025/09/03		107	%	80 - 120
				Dissolved Vanadium (V)	2025/09/03		102	%	80 - 120
				Dissolved Zinc (Zn)	2025/09/03		102	%	80 - 120
				Dissolved Zirconium (Zr)	2025/09/03		101	%	80 - 120
	C067468	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/09/03		101	%	80 - 120
				Dissolved Antimony (Sb)	2025/09/03		104	%	80 - 120
				Dissolved Arsenic (As)	2025/09/03		105	%	80 - 120
				Dissolved Barium (Ba)	2025/09/03		102	%	80 - 120
				Dissolved Beryllium (Be)	2025/09/03		102	%	80 - 120
				Dissolved Bismuth (Bi)	2025/09/03		102	%	80 - 120
				Dissolved Boron (B)	2025/09/03		105	%	80 - 120
				Dissolved Cadmium (Cd)	2025/09/03		104	%	80 - 120
				Dissolved Cesium (Cs)	2025/09/03		101	%	80 - 120
				Dissolved Chromium (Cr)	2025/09/03		104	%	80 - 120
				Dissolved Cobalt (Co)	2025/09/03		102	%	80 - 120
				Dissolved Copper (Cu)	2025/09/03		100	%	80 - 120
				Dissolved Iron (Fe)	2025/09/03		104	%	80 - 120
				Dissolved Lead (Pb)	2025/09/03		99	%	80 - 120
				Dissolved Lithium (Li)	2025/09/03		96	%	80 - 120
				Dissolved Manganese (Mn)	2025/09/03		105	%	80 - 120
				Dissolved Molybdenum (Mo)	2025/09/03		101	%	80 - 120
				Dissolved Nickel (Ni)	2025/09/03		101	%	80 - 120
				Dissolved Phosphorus (P)	2025/09/03		106	%	80 - 120
				Dissolved Rubidium (Rb)	2025/09/03		100	%	80 - 120
				Dissolved Selenium (Se)	2025/09/03		103	%	80 - 120
				Dissolved Silicon (Si)	2025/09/03		111	%	80 - 120
				Dissolved Silver (Ag)	2025/09/03		102	%	80 - 120



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C067468	AA1	Method Blank	Dissolved Strontium (Sr)	2025/09/03		106	%	80 - 120
			Dissolved Tellurium (Te)	2025/09/03		107	%	80 - 120
			Dissolved Thallium (Tl)	2025/09/03		104	%	80 - 120
			Dissolved Thorium (Th)	2025/09/03		104	%	80 - 120
			Dissolved Tin (Sn)	2025/09/03		106	%	80 - 120
			Dissolved Titanium (Ti)	2025/09/03		104	%	80 - 120
			Dissolved Uranium (U)	2025/09/03		111	%	80 - 120
			Dissolved Vanadium (V)	2025/09/03		104	%	80 - 120
			Dissolved Zinc (Zn)	2025/09/03		108	%	80 - 120
			Dissolved Zirconium (Zr)	2025/09/03		103	%	80 - 120
			Dissolved Aluminum (Al)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/09/03	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/09/03	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/09/03	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/09/03	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/09/03	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/09/03	ND, RDL=50		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
C067468	AA1	RPD	Dissolved Silver (Ag)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/09/03	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/09/03	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/09/03	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/09/03	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/09/03	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/09/03	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/09/03	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/09/03	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/09/03	ND, RDL=0.10		ug/L	
			Dissolved Aluminum (Al)	2025/09/03	12		%	20
			Dissolved Antimony (Sb)	2025/09/03	0.75		%	20
			Dissolved Arsenic (As)	2025/09/03	2.4		%	20
			Dissolved Barium (Ba)	2025/09/03	0.82		%	20
			Dissolved Beryllium (Be)	2025/09/03	NC		%	20
			Dissolved Bismuth (Bi)	2025/09/03	NC		%	20
			Dissolved Boron (B)	2025/09/03	NC		%	20
			Dissolved Cadmium (Cd)	2025/09/03	9.0		%	20
			Dissolved Chromium (Cr)	2025/09/03	NC		%	20
			Dissolved Cobalt (Co)	2025/09/03	15		%	20
			Dissolved Copper (Cu)	2025/09/03	1.7		%	20
			Dissolved Iron (Fe)	2025/09/03	4.3		%	20
			Dissolved Lead (Pb)	2025/09/03	NC		%	20
			Dissolved Lithium (Li)	2025/09/03	2.7		%	20
			Dissolved Manganese (Mn)	2025/09/03	4.3		%	20
			Dissolved Molybdenum (Mo)	2025/09/03	2.1		%	20
			Dissolved Nickel (Ni)	2025/09/03	7.6		%	20
			Dissolved Selenium (Se)	2025/09/03	11		%	20
			Dissolved Silicon (Si)	2025/09/03	2.3		%	20
			Dissolved Silver (Ag)	2025/09/03	NC		%	20
			Dissolved Strontium (Sr)	2025/09/03	0.85		%	20
			Dissolved Thallium (Tl)	2025/09/03	NC		%	20
			Dissolved Tin (Sn)	2025/09/03	NC		%	20
			Dissolved Titanium (Ti)	2025/09/03	NC		%	20
			Dissolved Uranium (U)	2025/09/03	0.34		%	20
			Dissolved Vanadium (V)	2025/09/03	NC		%	20
			Dissolved Zinc (Zn)	2025/09/03	2.4		%	20
			Dissolved Zirconium (Zr)	2025/09/03	NC		%	20
C067700	JLP	Matrix Spike [DRQ423-02]	Chloride (Cl)	2025/08/29		102	%	80 - 120
			Sulphate (SO4)	2025/08/29		101	%	80 - 120



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C067700	JLP	Spiked Blank	Chloride (Cl)	2025/08/29		100	%	80 - 120
			Sulphate (SO4)	2025/08/29		96	%	80 - 120
C067700	JLP	Method Blank	Chloride (Cl)	2025/08/29	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/08/29	ND, RDL=1.0		mg/L	
C067700	JLP	RPD [DRQ423-02]	Chloride (Cl)	2025/08/29	NC		%	20
			Sulphate (SO4)	2025/08/29	NC		%	20
C067799	BB3	Matrix Spike [DRQ418-09]	Total Ammonia (N)	2025/08/29		106	%	80 - 120
C067799	BB3	Spiked Blank	Total Ammonia (N)	2025/08/29		108	%	80 - 120
C067799	BB3	Method Blank	Total Ammonia (N)	2025/08/29	ND, RDL=0.015		mg/L	
C067799	BB3	RPD [DRQ418-09]	Total Ammonia (N)	2025/08/29	NC		%	20
C067806	BB3	Matrix Spike [DRQ419-09]	Total Ammonia (N)	2025/08/29		106	%	80 - 120
C067806	BB3	Spiked Blank	Total Ammonia (N)	2025/08/29		109	%	80 - 120
C067806	BB3	Method Blank	Total Ammonia (N)	2025/08/29	ND, RDL=0.015		mg/L	
C067806	BB3	RPD [DRQ419-09]	Total Ammonia (N)	2025/08/29	NC		%	20
C068596	JYU	Matrix Spike	Phenols	2025/08/30		101	%	80 - 120
C068596	JYU	Spiked Blank	Phenols	2025/08/30		101	%	80 - 120
C068596	JYU	Method Blank	Phenols	2025/08/30	ND, RDL=0.0015		mg/L	
C068596	JYU	RPD	Phenols	2025/08/30	NC		%	20
C069729	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/09/02		108	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/09/02		102	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/09/02		91	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/09/02		106	%	50 - 140
			Quinoline	2025/09/02		95	%	50 - 140
			Naphthalene	2025/09/02		84	%	50 - 140
			1-Methylnaphthalene	2025/09/02		90	%	50 - 140
			2-Methylnaphthalene	2025/09/02		87	%	50 - 140
			Acenaphthylene	2025/09/02		91	%	50 - 140
			Acenaphthene	2025/09/02		89	%	50 - 140
			Fluorene	2025/09/02		87	%	50 - 140
			Phenanthrene	2025/09/02		85	%	50 - 140
			Anthracene	2025/09/02		90	%	50 - 140
			Acridine	2025/09/02		56	%	50 - 140
			Fluoranthene	2025/09/02		95	%	50 - 140
			Pyrene	2025/09/02		98	%	50 - 140
			Benzo(a)anthracene	2025/09/02		95	%	50 - 140
			Chrysene	2025/09/02		103	%	50 - 140
			Benzo(b&j)fluoranthene	2025/09/02		98	%	50 - 140
			Benzo(k)fluoranthene	2025/09/02		106	%	50 - 140
			Benzo(a)pyrene	2025/09/02		92	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/09/02		92	%	50 - 140
			Dibenz(a,h)anthracene	2025/09/02		91	%	50 - 140
			Benzo(g,h,i)perylene	2025/09/02		95	%	50 - 140
C069729	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/09/02		116	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/09/02		101	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/09/02		84	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/09/02		114	%	50 - 140



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			Quinoline	2025/09/02	ND, RDL=0.020		ug/L	
			Naphthalene	2025/09/02	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/09/02	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/09/02	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/09/02	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/09/02	ND, RDL=0.050		ug/L	
			Fluorene	2025/09/02	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/09/02	ND, RDL=0.050		ug/L	
			Anthracene	2025/09/02	ND, RDL=0.010		ug/L	
			Acridine	2025/09/02	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/09/02	ND, RDL=0.020		ug/L	
			Pyrene	2025/09/02	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/09/02	ND, RDL=0.010		ug/L	
			Chrysene	2025/09/02	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/09/02	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/09/02	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/09/02	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/09/02	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/09/02	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/09/02	ND, RDL=0.050		ug/L	
			Quinoline	2025/09/02	NC		%	40
			Naphthalene	2025/09/02	NC		%	40
			1-Methylnaphthalene	2025/09/02	NC		%	40
			2-Methylnaphthalene	2025/09/02	NC		%	40
			Acenaphthylene	2025/09/02	NC		%	40
			Acenaphthene	2025/09/02	NC		%	40
			Fluorene	2025/09/02	NC		%	40
			Phenanthrene	2025/09/02	NC		%	40
			Anthracene	2025/09/02	NC		%	40
			Acridine	2025/09/02	NC		%	40
			Fluoranthene	2025/09/02	NC		%	40
			Pyrene	2025/09/02	NC		%	40
			Benzo(a)anthracene	2025/09/02	NC		%	40
			Chrysene	2025/09/02	NC		%	40



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C069732	JST	Spiked Blank	Benzo(b&j)fluoranthene	2025/09/02	NC		%	40
			Benzo(k)fluoranthene	2025/09/02	NC		%	40
			Benzo(a)pyrene	2025/09/02	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/09/02	NC		%	40
			Dibenz(a,h)anthracene	2025/09/02	NC		%	40
			Benzo(g,h,i)perylene	2025/09/02	NC		%	40
			O-TERPHENYL (sur.)	2025/09/02		118	%	60 - 140
C069732	JST	Method Blank	EPH (C10-C19)	2025/09/02		107	%	70 - 130
			EPH (C19-C32)	2025/09/02		116	%	70 - 130
			O-TERPHENYL (sur.)	2025/09/02		118	%	60 - 140
			EPH (C10-C19)	2025/09/02	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/09/02	ND, RDL=0.20		mg/L	
C069732	JST	RPD	EPH (C10-C19)	2025/09/02	NC		%	30
			EPH (C19-C32)	2025/09/02	NC		%	30
C069905	NKT	Matrix Spike	Total Phosphorus (P)	2025/09/03		109	%	N/A
C069905	NKT	Spiked Blank	Total Phosphorus (P)	2025/09/03		113	%	80 - 120
C069905	NKT	Method Blank	Total Phosphorus (P)	2025/09/03	ND, RDL=0.0010		mg/L	
C069905	NKT	RPD	Total Phosphorus (P)	2025/09/03	3.8		%	20
C069920	CBK	Matrix Spike [DRQ423-08]	Total Nitrogen (N)	2025/09/03		104	%	80 - 120
C069920	CBK	Spiked Blank	Total Nitrogen (N)	2025/09/03		103	%	80 - 120
C069920	CBK	Method Blank	Total Nitrogen (N)	2025/09/03	ND, RDL=0.020		mg/L	
C069920	CBK	RPD [DRQ423-08]	Total Nitrogen (N)	2025/09/03	15		%	20
C069951	AAX	Matrix Spike [DRQ419-16]	Methyl Sulfone (sur.)	2025/09/04		79	%	50 - 140
C069951	AAX	Spiked Blank	Ethylene Glycol	2025/09/04		80	%	60 - 140
			Diethylene Glycol	2025/09/04		94	%	60 - 140
			Triethylene Glycol	2025/09/04		83	%	60 - 140
			Propylene Glycol	2025/09/04		78	%	60 - 140
			Methyl Sulfone (sur.)	2025/09/04		87	%	50 - 140
			Ethylene Glycol	2025/09/04		86	%	70 - 130
			Diethylene Glycol	2025/09/04		99	%	70 - 130
			Triethylene Glycol	2025/09/04		91	%	70 - 130
C069951	AAX	Method Blank	Propylene Glycol	2025/09/04		80	%	70 - 130
			Methyl Sulfone (sur.)	2025/09/04		91	%	50 - 140
			Ethylene Glycol	2025/09/04	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/09/04	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/09/04	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/09/04	ND, RDL=5.0		mg/L	
			Ethylene Glycol	2025/09/04	NC		%	30
			Diethylene Glycol	2025/09/04	NC		%	30
C069951	AAX	RPD [DRQ425-16]	Triethylene Glycol	2025/09/04	NC		%	30
			Propylene Glycol	2025/09/04	NC		%	30
			Total Suspended Solids	2025/09/03		NC	%	80 - 120



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C070079	KA5	Spiked Blank	Total Suspended Solids	2025/09/03		105	%	80 - 120
C070079	KA5	Method Blank	Total Suspended Solids	2025/09/03	ND, RDL=1.0		mg/L	
C070079	KA5	RPD [DRQ418-01]	Total Suspended Solids	2025/09/03	0		%	20
C070097	NJD	Matrix Spike [DRQ420-10]	Total Sulphide	2025/09/02		108	%	80 - 120
C070097	NJD	Spiked Blank	Total Sulphide	2025/09/02		104	%	80 - 120
C070097	NJD	Method Blank	Total Sulphide	2025/09/02	ND, RDL=0.0018		mg/L	
C070097	NJD	RPD [DRQ422-10]	Total Sulphide	2025/09/02	0		%	20
C070150	AD5	Matrix Spike	Bromide (Br)	2025/09/02		97	%	78 - 120
C070150	AD5	Spiked Blank	Bromide (Br)	2025/09/02		91	%	80 - 120
C070150	AD5	Method Blank	Bromide (Br)	2025/09/02	ND, RDL=0.010		mg/L	
C070150	AD5	RPD	Bromide (Br)	2025/09/02	6.1		%	20
C070280	AA1	Matrix Spike	Total Aluminum (Al)	2025/09/03		99	%	80 - 120
			Total Antimony (Sb)	2025/09/03		103	%	80 - 120
			Total Arsenic (As)	2025/09/03		107	%	80 - 120
			Total Barium (Ba)	2025/09/03		93	%	80 - 120
			Total Beryllium (Be)	2025/09/03		101	%	80 - 120
			Total Bismuth (Bi)	2025/09/03		98	%	80 - 120
			Total Boron (B)	2025/09/03		103	%	80 - 120
			Total Cadmium (Cd)	2025/09/03		103	%	80 - 120
			Total Cesium (Cs)	2025/09/03		99	%	80 - 120
			Total Chromium (Cr)	2025/09/03		99	%	80 - 120
			Total Cobalt (Co)	2025/09/03		95	%	80 - 120
			Total Copper (Cu)	2025/09/03		93	%	80 - 120
			Total Iron (Fe)	2025/09/03		96	%	80 - 120
			Total Lead (Pb)	2025/09/03		95	%	80 - 120
			Total Lithium (Li)	2025/09/03		96	%	80 - 120
			Total Manganese (Mn)	2025/09/03		94	%	80 - 120
			Total Molybdenum (Mo)	2025/09/03		102	%	80 - 120
			Total Nickel (Ni)	2025/09/03		93	%	80 - 120
			Total Phosphorus (P)	2025/09/03		105	%	80 - 120
			Total Rubidium (Rb)	2025/09/03		101	%	80 - 120
			Total Selenium (Se)	2025/09/03		101	%	80 - 120
			Total Silicon (Si)	2025/09/03		105	%	80 - 120
			Total Silver (Ag)	2025/09/03		103	%	80 - 120
			Total Strontium (Sr)	2025/09/03		NC	%	80 - 120
			Total Tellurium (Te)	2025/09/03		104	%	80 - 120
			Total Thallium (Tl)	2025/09/03		100	%	80 - 120
			Total Thorium (Th)	2025/09/03		103	%	80 - 120
			Total Tin (Sn)	2025/09/03		103	%	80 - 120
			Total Titanium (Ti)	2025/09/03		101	%	80 - 120
			Total Uranium (U)	2025/09/03		107	%	80 - 120
			Total Vanadium (V)	2025/09/03		100	%	80 - 120
			Total Zinc (Zn)	2025/09/03		97	%	80 - 120
			Total Zirconium (Zr)	2025/09/03		100	%	80 - 120
C070280	AA1	Spiked Blank	Total Aluminum (Al)	2025/09/03		102	%	80 - 120
			Total Antimony (Sb)	2025/09/03		104	%	80 - 120
			Total Arsenic (As)	2025/09/03		106	%	80 - 120
			Total Barium (Ba)	2025/09/03		102	%	80 - 120
			Total Beryllium (Be)	2025/09/03		104	%	80 - 120



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C070280	AA1	Method Blank	Total Bismuth (Bi)	2025/09/03		101	%	80 - 120
			Total Boron (B)	2025/09/03		107	%	80 - 120
			Total Cadmium (Cd)	2025/09/03		104	%	80 - 120
			Total Cesium (Cs)	2025/09/03		103	%	80 - 120
			Total Chromium (Cr)	2025/09/03		103	%	80 - 120
			Total Cobalt (Co)	2025/09/03		102	%	80 - 120
			Total Copper (Cu)	2025/09/03		100	%	80 - 120
			Total Iron (Fe)	2025/09/03		103	%	80 - 120
			Total Lead (Pb)	2025/09/03		98	%	80 - 120
			Total Lithium (Li)	2025/09/03		102	%	80 - 120
			Total Manganese (Mn)	2025/09/03		103	%	80 - 120
			Total Molybdenum (Mo)	2025/09/03		104	%	80 - 120
			Total Nickel (Ni)	2025/09/03		101	%	80 - 120
			Total Phosphorus (P)	2025/09/03		104	%	80 - 120
			Total Rubidium (Rb)	2025/09/03		100	%	80 - 120
			Total Selenium (Se)	2025/09/03		102	%	80 - 120
			Total Silicon (Si)	2025/09/03		109	%	80 - 120
			Total Silver (Ag)	2025/09/03		103	%	80 - 120
			Total Strontium (Sr)	2025/09/03		106	%	80 - 120
			Total Tellurium (Te)	2025/09/03		105	%	80 - 120
			Total Thallium (Tl)	2025/09/03		101	%	80 - 120
			Total Thorium (Th)	2025/09/03		102	%	80 - 120
			Total Tin (Sn)	2025/09/03		105	%	80 - 120
			Total Titanium (Ti)	2025/09/03		105	%	80 - 120
			Total Uranium (U)	2025/09/03		108	%	80 - 120
			Total Vanadium (V)	2025/09/03		103	%	80 - 120
			Total Zinc (Zn)	2025/09/03		109	%	80 - 120
			Total Zirconium (Zr)	2025/09/03		102	%	80 - 120
			Total Aluminum (Al)	2025/09/03	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/09/03	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/09/03	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/09/03	ND, RDL=0.050		ug/L	



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C070280	AA1	RPD	Total Iron (Fe)	2025/09/03	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/09/03	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/09/03	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/09/03	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/09/03	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/09/03	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/09/03	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/09/03	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/09/03	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/09/03	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Aluminum (Al)	2025/09/03	8.0		%	20
			Total Antimony (Sb)	2025/09/03	5.8		%	20
			Total Arsenic (As)	2025/09/03	5.3		%	20
			Total Barium (Ba)	2025/09/03	0.52		%	20
			Total Beryllium (Be)	2025/09/03	NC		%	20
			Total Bismuth (Bi)	2025/09/03	NC		%	20
			Total Boron (B)	2025/09/03	NC		%	20
			Total Cadmium (Cd)	2025/09/03	NC		%	20
			Total Chromium (Cr)	2025/09/03	7.5		%	20
			Total Cobalt (Co)	2025/09/03	6.1		%	20
			Total Copper (Cu)	2025/09/03	6.4		%	20
			Total Iron (Fe)	2025/09/03	0.57		%	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 Lead (Pb)	2025/09/03	12		%	20
			Total Lithium (Li)	2025/09/03	1.2		%	20
			Total Manganese (Mn)	2025/09/03	4.4		%	20
			Total Molybdenum (Mo)	2025/09/03	0.16		%	20
			Total Nickel (Ni)	2025/09/03	3.0		%	20
			Total Phosphorus (P)	2025/09/03	16		%	20
			Total Selenium (Se)	2025/09/03	0.84		%	20
			Total Silicon (Si)	2025/09/03	0.32		%	20
			Total Silver (Ag)	2025/09/03	2.8		%	20
			Total Strontium (Sr)	2025/09/03	1.3		%	20
			Total Thallium (Tl)	2025/09/03	NC		%	20
			Total Tin (Sn)	2025/09/03	NC		%	20
			Total Titanium (Ti)	2025/09/03	NC		%	20
			Total Uranium (U)	2025/09/03	1.8		%	20
			Total Vanadium (V)	2025/09/03	NC		%	20
			Total Zinc (Zn)	2025/09/03	8.4		%	20
			Total Zirconium (Zr)	2025/09/03	NC		%	20
			Total Aluminum (Al)	2025/09/03	NC		%	20
			Total Antimony (Sb)	2025/09/03	NC		%	20
			Total Arsenic (As)	2025/09/03	NC		%	20
			Total Barium (Ba)	2025/09/03	17		%	20
			Total Beryllium (Be)	2025/09/03	NC		%	20
			Total Bismuth (Bi)	2025/09/03	NC		%	20
			Total Boron (B)	2025/09/03	NC		%	20
			Total Cadmium (Cd)	2025/09/03	NC		%	20
			Total Chromium (Cr)	2025/09/03	NC		%	20
			Total Cobalt (Co)	2025/09/03	NC		%	20
			Total Copper (Cu)	2025/09/03	5.0		%	20
			Total Iron (Fe)	2025/09/03	NC		%	20
			Total Lead (Pb)	2025/09/03	NC		%	20
			Total Lithium (Li)	2025/09/03	NC		%	20
			Total Manganese (Mn)	2025/09/03	NC		%	20
			Total Molybdenum (Mo)	2025/09/03	NC		%	20
			Total Nickel (Ni)	2025/09/03	0.52		%	20
			Total Phosphorus (P)	2025/09/03	14		%	20
			Total Selenium (Se)	2025/09/03	NC		%	20
			Total Silicon (Si)	2025/09/03	NC		%	20
			Total Silver (Ag)	2025/09/03	NC		%	20
			Total Strontium (Sr)	2025/09/03	4.9		%	20
			Total Thallium (Tl)	2025/09/03	NC		%	20
			Total Tin (Sn)	2025/09/03	NC		%	20
			Total Titanium (Ti)	2025/09/03	NC		%	20
			Total Uranium (U)	2025/09/03	NC		%	20
			Total Vanadium (V)	2025/09/03	NC		%	20
			Total Zinc (Zn)	2025/09/03	7.7		%	20
			Total Zirconium (Zr)	2025/09/03	NC		%	20
C070425	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/09/03		94	%	80 - 120
C070425	CJY	Method Blank	Dissolved Fluoride (F)	2025/09/03	ND, RDL=0.050		mg/L	
C070603	KA5	Matrix Spike	Total Dissolved Solids	2025/09/03		NC	%	80 - 120
C070603	KA5	Spiked Blank	Total Dissolved Solids	2025/09/03		104	%	80 - 120
C070603	KA5	Method Blank	Total Dissolved Solids	2025/09/03	ND, RDL=10		mg/L	



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C070603	KA5	RPD	Total Dissolved Solids	2025/09/03	3.9		%	20
C070615	BB3	Matrix Spike [DRQ425-07]	Total Hex. Chromium (Cr 6+)	2025/09/02		87	%	80 - 120
C070615	BB3	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/09/02		111	%	80 - 120
C070615	BB3	Method Blank	Total Hex. Chromium (Cr 6+)	2025/09/02	ND, RDL=0.00099		mg/L	
C070615	BB3	RPD [DRQ425-07]	Total Hex. Chromium (Cr 6+)	2025/09/02	NC		%	20
C071016	MEM	Matrix Spike [DRQ420-04]	Total Aluminum (Al)	2025/09/03		111	%	80 - 120
			Total Antimony (Sb)	2025/09/03		107	%	80 - 120
			Total Arsenic (As)	2025/09/03		108	%	80 - 120
			Total Barium (Ba)	2025/09/03		109	%	80 - 120
			Total Beryllium (Be)	2025/09/03		110	%	80 - 120
			Total Bismuth (Bi)	2025/09/03		103	%	80 - 120
			Total Boron (B)	2025/09/03		108	%	80 - 120
			Total Cadmium (Cd)	2025/09/03		106	%	80 - 120
			Total Cesium (Cs)	2025/09/03		104	%	80 - 120
			Total Chromium (Cr)	2025/09/03		104	%	80 - 120
			Total Cobalt (Co)	2025/09/03		104	%	80 - 120
			Total Copper (Cu)	2025/09/03		102	%	80 - 120
			Total Iron (Fe)	2025/09/03		103	%	80 - 120
			Total Lead (Pb)	2025/09/03		103	%	80 - 120
			Total Lithium (Li)	2025/09/03		108	%	80 - 120
			Total Manganese (Mn)	2025/09/03		105	%	80 - 120
			Total Molybdenum (Mo)	2025/09/03		109	%	80 - 120
			Total Nickel (Ni)	2025/09/03		103	%	80 - 120
			Total Phosphorus (P)	2025/09/03		107	%	80 - 120
			Total Rubidium (Rb)	2025/09/03		110	%	80 - 120
			Total Selenium (Se)	2025/09/03		106	%	80 - 120
			Total Silicon (Si)	2025/09/03		121 (1)	%	80 - 120
			Total Silver (Ag)	2025/09/03		103	%	80 - 120
			Total Strontium (Sr)	2025/09/03		112	%	80 - 120
			Total Tellurium (Te)	2025/09/03		130 (1)	%	80 - 120
			Total Thallium (Tl)	2025/09/03		104	%	80 - 120
			Total Thorium (Th)	2025/09/03		104	%	80 - 120
			Total Tin (Sn)	2025/09/03		109	%	80 - 120
			Total Titanium (Ti)	2025/09/03		110	%	80 - 120
			Total Uranium (U)	2025/09/03		107	%	80 - 120
			Total Vanadium (V)	2025/09/03		105	%	80 - 120
			Total Zinc (Zn)	2025/09/03		105	%	80 - 120
			Total Zirconium (Zr)	2025/09/03		107	%	80 - 120
C071016	MEM	Spiked Blank	Total Aluminum (Al)	2025/09/03		100	%	80 - 120
			Total Antimony (Sb)	2025/09/03		102	%	80 - 120
			Total Arsenic (As)	2025/09/03		104	%	80 - 120
			Total Barium (Ba)	2025/09/03		104	%	80 - 120
			Total Beryllium (Be)	2025/09/03		107	%	80 - 120
			Total Bismuth (Bi)	2025/09/03		100	%	80 - 120
			Total Boron (B)	2025/09/03		108	%	80 - 120
			Total Cadmium (Cd)	2025/09/03		101	%	80 - 120
			Total Cesium (Cs)	2025/09/03		101	%	80 - 120
			Total Chromium (Cr)	2025/09/03		100	%	80 - 120
			Total Cobalt (Co)	2025/09/03		99	%	80 - 120
			Total Copper (Cu)	2025/09/03		99	%	80 - 120



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C071016	MEM	Method Blank	Total Iron (Fe)	2025/09/03		101	%	80 - 120
			Total Lead (Pb)	2025/09/03		98	%	80 - 120
			Total Lithium (Li)	2025/09/03		105	%	80 - 120
			Total Manganese (Mn)	2025/09/03		100	%	80 - 120
			Total Molybdenum (Mo)	2025/09/03		104	%	80 - 120
			Total Nickel (Ni)	2025/09/03		99	%	80 - 120
			Total Phosphorus (P)	2025/09/03		102	%	80 - 120
			Total Rubidium (Rb)	2025/09/03		100	%	80 - 120
			Total Selenium (Se)	2025/09/03		103	%	80 - 120
			Total Silicon (Si)	2025/09/03		111	%	80 - 120
			Total Silver (Ag)	2025/09/03		98	%	80 - 120
			Total Strontium (Sr)	2025/09/03		103	%	80 - 120
			Total Tellurium (Te)	2025/09/03		122 (2)	%	80 - 120
			Total Thallium (Tl)	2025/09/03		99	%	80 - 120
			Total Thorium (Th)	2025/09/03		100	%	80 - 120
			Total Tin (Sn)	2025/09/03		100	%	80 - 120
			Total Titanium (Ti)	2025/09/03		106	%	80 - 120
			Total Uranium (U)	2025/09/03		101	%	80 - 120
			Total Vanadium (V)	2025/09/03		100	%	80 - 120
			Total Zinc (Zn)	2025/09/03		99	%	80 - 120
			Total Zirconium (Zr)	2025/09/03		104	%	80 - 120
			Total Aluminum (Al)	2025/09/03	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/09/03	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/09/03	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/09/03	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/09/03	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/09/03	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/09/03	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/09/03	ND, RDL=0.10		ug/L	



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C071016	MEM	RPD [DRQ418-04]	Total Molybdenum (Mo)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/09/03	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/09/03	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/09/03	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/09/03	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/09/03	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/09/03	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/09/03	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/09/03	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/09/03	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/09/03	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/09/03	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/09/03	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/09/03	ND, RDL=0.10		ug/L	
			Total Aluminum (Al)	2025/09/03	2.0		%	20
			Total Antimony (Sb)	2025/09/03	2.5		%	20
			Total Arsenic (As)	2025/09/03	5.7		%	20
			Total Barium (Ba)	2025/09/03	2.2		%	20
			Total Beryllium (Be)	2025/09/03	NC		%	20
			Total Bismuth (Bi)	2025/09/03	NC		%	20
			Total Boron (B)	2025/09/03	7.1		%	20
			Total Cadmium (Cd)	2025/09/03	NC		%	20
			Total Cesium (Cs)	2025/09/03	NC		%	20
			Total Chromium (Cr)	2025/09/03	4.9		%	20
			Total Cobalt (Co)	2025/09/03	3.4		%	20
			Total Copper (Cu)	2025/09/03	17		%	20
			Total Iron (Fe)	2025/09/03	8.9		%	20
			Total Lead (Pb)	2025/09/03	NC		%	20
			Total Lithium (Li)	2025/09/03	5.8		%	20
			Total Manganese (Mn)	2025/09/03	7.1		%	20
			Total Molybdenum (Mo)	2025/09/03	6.3		%	20
			Total Nickel (Ni)	2025/09/03	18		%	20
			Total Phosphorus (P)	2025/09/03	NC		%	20
			Total Rubidium (Rb)	2025/09/03	4.8		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/09/03	NC		%	20
			Total Silicon (Si)	2025/09/03	6.5		%	20
			Total Silver (Ag)	2025/09/03	NC		%	20
			Total Strontium (Sr)	2025/09/03	4.8		%	20
			Total Tellurium (Te)	2025/09/03	NC		%	20
			Total Thallium (Tl)	2025/09/03	8.7		%	20
			Total Thorium (Th)	2025/09/03	NC		%	20
			Total Tin (Sn)	2025/09/03	NC		%	20
			Total Titanium (Ti)	2025/09/03	NC		%	20
			Total Uranium (U)	2025/09/03	8.8		%	20
			Total Vanadium (V)	2025/09/03	NC		%	20
			Total Zinc (Zn)	2025/09/03	NC		%	20
			Total Zirconium (Zr)	2025/09/03	NC		%	20
C071264	RLC	Matrix Spike [DRQ418-05]	Dissolved Mercury (Hg)	2025/09/03		115	%	80 - 120
C071264	RLC	Spiked Blank	Dissolved Mercury (Hg)	2025/09/03		108	%	80 - 120
C071264	RLC	Method Blank	Dissolved Mercury (Hg)	2025/09/03	ND, RDL=0.0019		ug/L	
C071264	RLC	RPD [DRQ418-05]	Dissolved Mercury (Hg)	2025/09/03	NC		%	20
C073640	MEM	Spiked Blank	Dissolved Aluminum (Al)	2025/09/04		108	%	80 - 120
			Dissolved Phosphorus (P)	2025/09/04		109	%	80 - 120
C073640	MEM	Method Blank	Dissolved Aluminum (Al)	2025/09/04	ND, RDL=0.50		ug/L	
			Dissolved Phosphorus (P)	2025/09/04	ND, RDL=2.0		ug/L	

N/A = Not Applicable

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

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

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

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

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

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

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

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

(2) Blank Spike outside acceptance criteria (10% of analytes failure allowed).



Bureau Veritas Job #: C573380
Report Date: 2025/09/08

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

VALIDATION SIGNATURE PAGE

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

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

Kimberly Tamaki, Scientist, Ecotoxicology

Levi Manchak, Project Manager SR

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

Suwan (Sze Yeung) Fock, B.Sc., 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 Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.



eCOC: W112064

Expected TAT: Standard TAT
Expected Arrival: 2025/08/26 16:45
Submitted By: Adrienne Trac
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: Brett Lucas
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver, BC, V7P 0A3
Email to:
blucas@hatfieldgroup.com
mwhelly@hatfieldgroup.com
danielle.samels@fortisbc.com
smangwani@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	Chit Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/08/26	WATER	14	A				1
WLNG-EOP	2	2025/08/26	WATER	22	A	A		A	2
WLNG-US	3	2025/08/26	WATER	14	A				1
SQR-US	4	2025/08/26	WATER	14	A				1
SQR-DS	5	2025/08/26	WATER	14	A				1
Field Blank	6	2025/08/26	WATER	14			A		3
Trip Blank	7	2025/08/26	WATER	14			A		3
DUP	8	2025/08/26	WATER	18	A	A			4

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

Submission Information

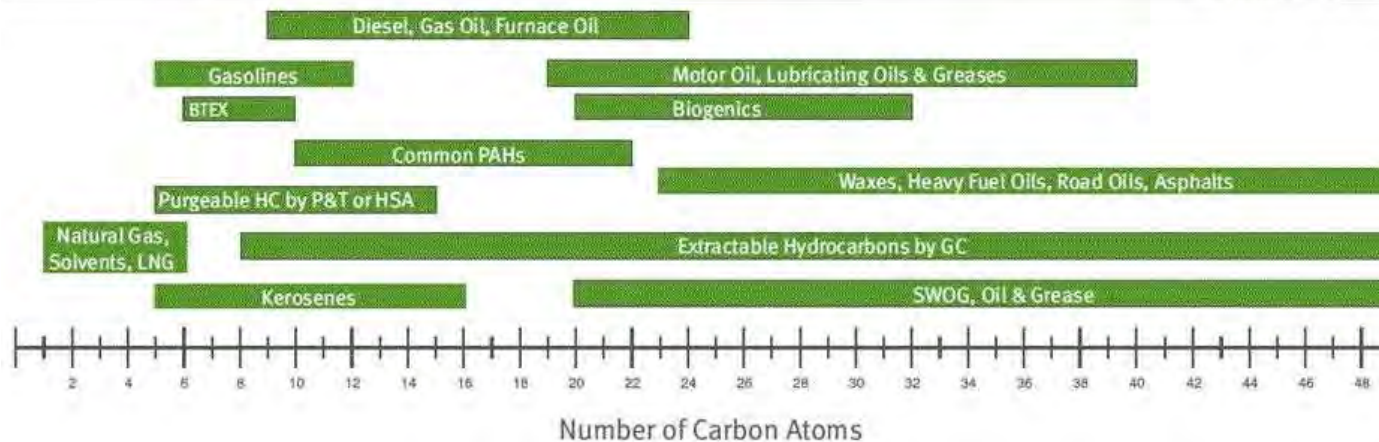
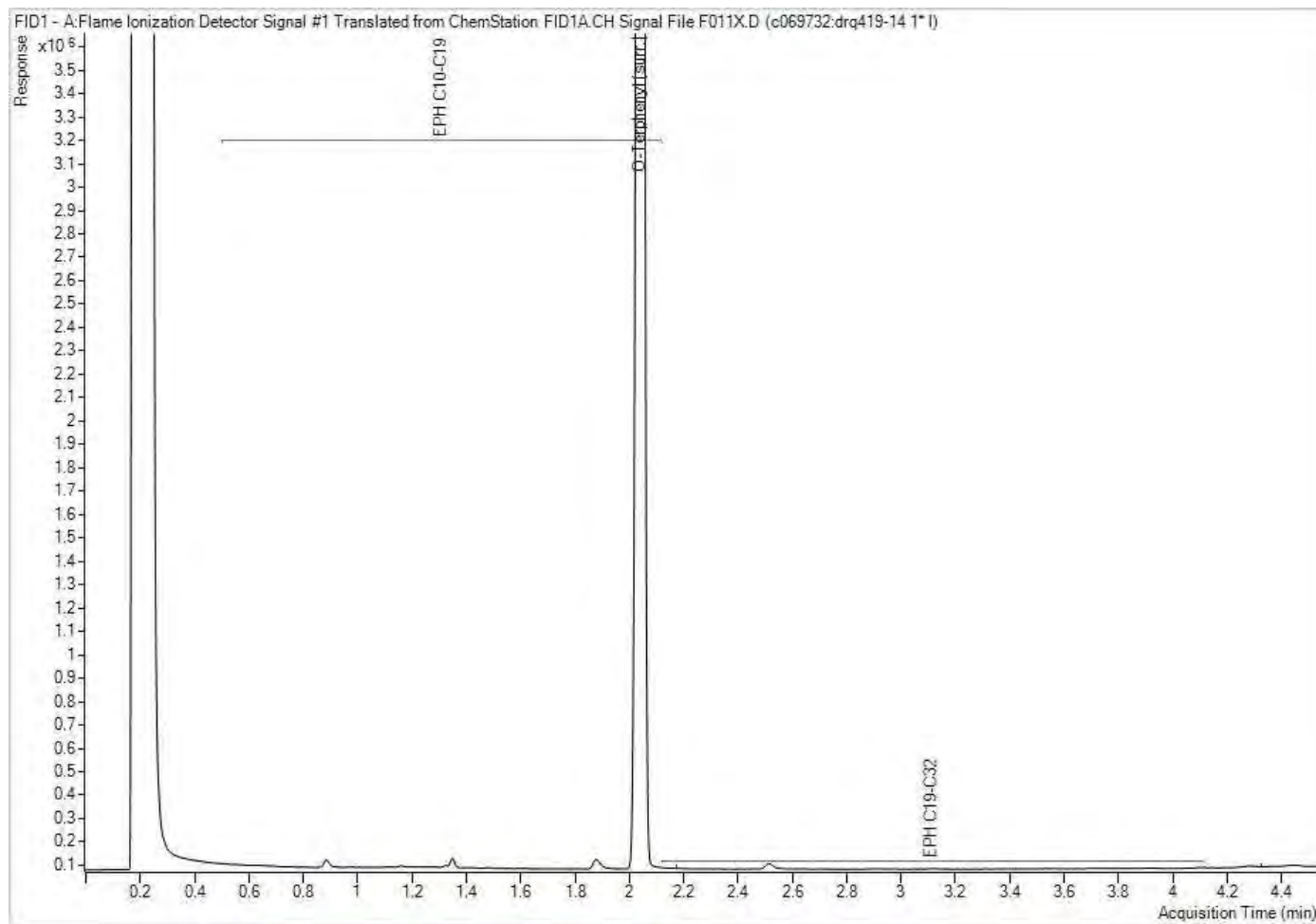
of Samples: 8



MVAN-2025-08-1775

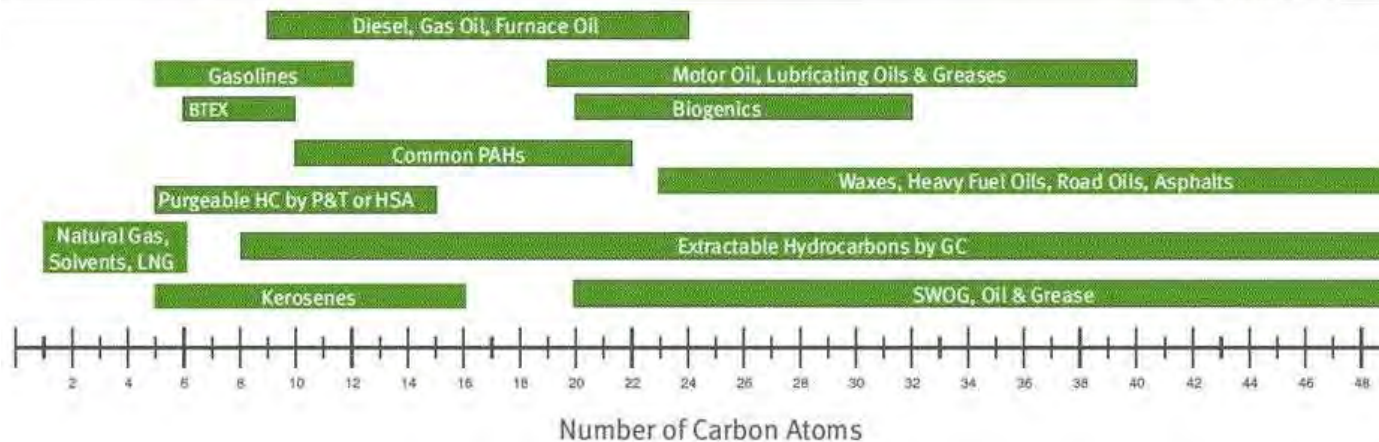
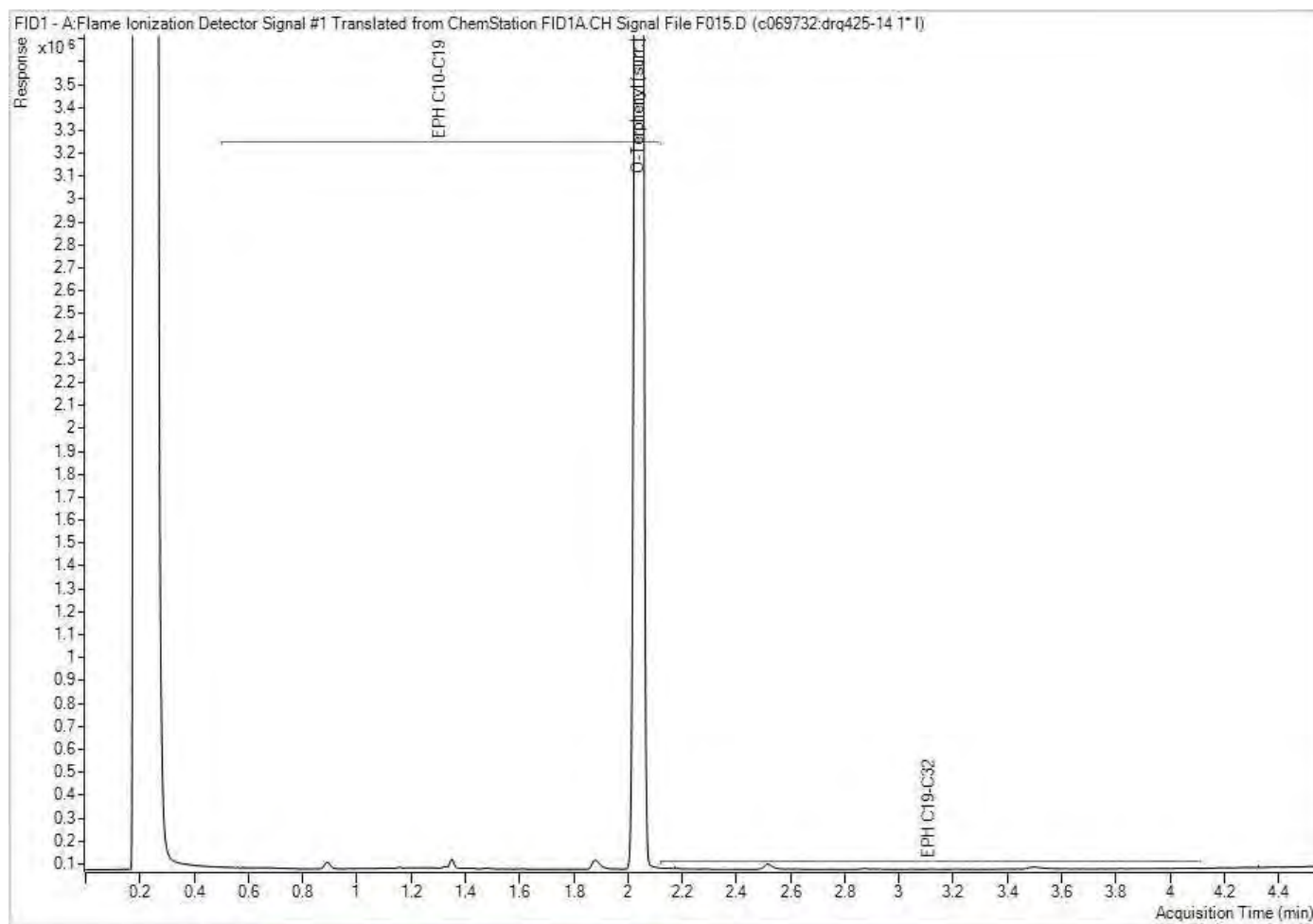
2025/08/26 16:30
24/25/25
18/26/20
20/21/24

EPH in Water when PAH required Chromatogram



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

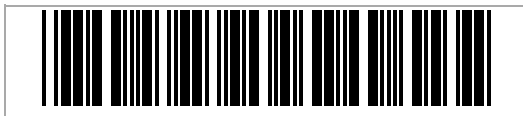
EPH in Water when PAH required Chromatogram



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



eCOC: W112064



Project Information: C573380
Job Received: 2025/08/26 16:30
Expected TAT: Standard TAT
Expected Arrival: 2025/08/26 16:45
Submitted By: Adrienne Trac
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: Brett Lucas
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
blucas@hatfieldgroup.com
mwhelly@hatfieldgroup.com
danielle.samels@fortisbc.com
smangwani@hatfieldgroup.com

Project Information

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

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/08/26	WATER	14	A				1
WLNG -EOP	2	2025/08/26	WATER	22	A	A		A	2
WLNG-US	3	2025/08/26	WATER	14	A				1
SQRI-US	4	2025/08/26	WATER	14	A				1
SQRI-DS	5	2025/08/26	WATER	14	A				1
Field Blank	6	2025/08/26	WATER	14			A		3
Trip Blank	7	2025/08/26	WATER	14			A		3
DUP	8	2025/08/26	WATER	18	A	A			4

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

Submission Information

of Samples: 8

Sample Set Listing

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