

TECHNICAL MEMORANDUM

To: Ashleigh Crompton, Mike Champion, Jackie Boruch, Ryan Schucroft, Jamie Maxwell (Woodfibre LNG) **Date:** 3 May 2024

From: Patrick Mueller and Holly Pelletier (Lorax) **Project #:** A633-7

Subject: PE-111578 Weekly Discharge and Compliance Report #11 for April 21 – April 27

Waste Discharge Authorization Effluent Permit PE-111578 was issued by the British Columbia Energy Regulator (BCER) to Woodfibre LNG on February 9, 2024. The permit specifies monitoring and reporting requirements that are required to be met by Woodfibre LNG during construction of the LNG Export Facility. Reporting is required on a weekly basis.

Discharge and compliance monitoring is conducted by on-site Environmental Monitors (Roe Environmental) that are sub-contracted to the civil works contractor (LB LNG) for site preparation. Analytical samples are submitted by Roe Environmental to ALS Environmental in Burnaby, BC, for testing. Lorax Environmental provides water quality database management and WDA compliance reporting services for Woodfibre LNG.

This technical memorandum (Report #11) was prepared by Lorax Environmental and summarizes monitoring conducted the week of April 21 – April 27 for contact waters directed to a WWTP or a sedimentation pond and presents monitoring data that were available at the time of reporting including results that were pending from prior reporting periods. Figures referenced in the following discussion are included at the end of this report. Report #11 has been prepared to meet the reporting requirements specified in Condition 4.2 of WDA Effluent Permit PE-111578:

“The Permittee shall summarize the results of the discharge and compliance monitoring program in a report that shall be submitted to the BCER weekly over the term of this permit. Reports must include suitable tabulated data. The table must include any applicable regulatory limits/guidelines e.g. permit limits, BC Water Quality Guidelines etc. Any exceedances of respective regulatory limits/guidelines must be clearly highlighted. Any missed sampling events/missing data must 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 this subject permit, and also made publicly available on the Woodfibre LNG Environmental Reporting webpage.”

1. Current Conditions

The Construction Phase of the Woodfibre LNG Export Facility commenced in October 2023. Early stage civil works are ongoing and these include site grading, levelling, bedrock excavation and sedimentation pond and WWTP construction. Shoring works along the shoreline and foreshore areas were initiated in December 2023, and in early 2024 construction of water management infrastructure was initiated and has continued through the April 21 – April 27 monitoring period. The East WWTP, and East and West sedimentation ponds have been completed, and the West WWTP is being assembled. The PE- 111578 water management facilities that are completed or were under construction during the reporting period are shown in Figure 1.

The East and West Catchment contact water conveyance ditches described in PE-111578 will be constructed following completion of site preparation activities (*e.g.*, site grading, bedrock excavation) along the ditch lines. Until the ditches are operational, non-contaminated contact waters are managed by LB LNG to remain on site or are directed to the East Sedimentation Pond. Contaminated contact waters are contained and directed to the East WWTP.

The East Sedimentation Pond permanent outfall structure is planned to be completed by May 20. Until those structures are constructed, a temporary discharge system (*i.e.*, pump, hosing and diffusor) has been established to convey East Sedimentation Pond effluent to the authorized discharge location when necessary for the discharge of excess water, and if the effluent water quality meets the requirements set out in PE-111578.

During the reporting period (April 21 – April 27) pilot testing of the East WWTP continued and a total 1,891 m³ of contact water was treated by the East WWTP. Contaminated and potentially contaminated contact waters from excavations within the East Catchment were directed to the East WWTP for treatment, and the treated effluent was discharged to the East Sedimentation Pond.

Non-contaminated contact waters from the East and West Catchments were directed to the East Sedimentation Pond April 21 – April 27. Figure 2 shows an areal view of the pond on April 24. A total of 102 m³ East Sedimentation Pond effluent was intermittently pumped to the discharge location (SP- E- OUT) during the monitoring period.

Construction of the West Sedimentation Pond was complete during the reporting period (April 21 – April 27), except for the outfall structure (Figure 3). Commissioning of the West WWTP is planned to begin in early May. There were no discharges from the West Sedimentation Pond to the receiving environment during the reporting period.

The completed non-contact water diversion ditch west of Mill Creek was commissioned for use on April 7. The diversion ditch discharges to Mill Creek at OUT-06 (Figure 1). Monitoring stations OUT-01 and OUT-02 at pre-existing outlets have been established. Non-contact water diversion ditches leading to these outlets will be upgraded and extended, later in the construction schedule.

2. Monitoring Summary

The PE-111578 authorized works were under construction during the April 21 – April 27 monitoring period. Compliance monitoring stations are progressively established by LB LNG as water management infrastructure is completed. Monitoring is conducted by the on-site Environmental Monitors (Roe Environmental) that are sub-contracted to LB LNG. Analytical samples are submitted by Roe Environmental to ALS Environmental in Burnaby, BC, for testing.

The following monitoring stations have been established (Figure 1):

- Creek water (SW-01, SW-02, SW-03, SW-04, SW-07).
- Howe Sound reference and IDZ locations (WQR1, WQR2, IDZ-E1 and IDZ-E2).
- Non-contact diversion ditch outlets (OUT-01, OUT-02 and OUT-06).
- Contact water monitoring locations (WWTP-E-IN, WWTP-E-OUT, SP-E-IN-2 and SP-E-OUT).

Stations WWTP-E-IN, WWTP-E-OUT, SP-E-IN-2, SP-E-NE and SP-E-OUT were monitored during the monitoring period (April 21 – April 27). Sampling dates and parameters tested are summarized in Table 1.

Table 1: Summary of PE-111578 monitoring samples collected April 21 – April 27.

Sampling Date	Sample	Description	Parameters Tested
April 21, 2024	SP-E-OUT	Discharge from the East Sedimentation Pond to Howe Sound (compliance point)	Field parameters
	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
April 22, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
April 23, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
	SP-E-NE	NE corner of East Sedimentation Pond proximal to the intake of the discharge pump	
April 24, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
	SP-E-NE	NE corner of East Sedimentation Pond proximal to the intake of the discharge pump	
April 25, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
	SP-E-NE	NE corner of East Sedimentation Pond proximal to the intake of the discharge pump	
April 26, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
	SP-E-NE	NE corner of East Sedimentation Pond proximal to the intake of the discharge pump	
April 27, 2024	WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	Field parameters
	WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond	
	SP-E-NE	NE corner of East Sedimentation Pond proximal to the intake of the discharge pump	

3. Water Quality Results

3.1 Overview

Field measurements for the PE-111578 monitoring stations were collected during the April 21 – April 27 monitoring period. Monthly monitoring of PE-111578 receiving environment stations is scheduled for the last week of April.

Dioxin and furans analytical results for East Sedimentation Pond and East Wastewater Treatment Plant samples collected April 16 and described in weekly report #10 were available at the time of reporting. Methyl mercury analytical results for the non-contact diversion ditch outlet (OUT-06) collected April 12 and for the East Sedimentation Pond sample collected April 16 were also available at the time of reporting. A summary of analytical results available at the time of reporting are listed below in Table 2.

Table 2: Summary of Analytical Results Included in Weekly Discharge and Compliance Report #11.

Sample	Description	Sampling Date	Parameters Reported
OUT-06	Non-contact water diversion ditch outlet	April 12, 2024	Methyl mercury
SP-E-IN-2	Influent pipe southwest of the East Sedimentation Pond	April 16, 2024	Methyl mercury, dioxins, and furans
SP-E-OUT	Discharge from the East Sedimentation Pond to Howe Sound (compliance point)		
WWTP-E-IN	Combined influent to the East WWTP from chromium reduction pre- treatment step and additional contaminant sources within the East catchment area	April 16, 2024	Dioxins and furans
WWTP-E-OUT	Effluent from the East WWTP discharged to the East Sedimentation Pond		

Federal and Provincial Water Quality Guidelines (WQG) are not specified for dioxins and furans. The general term “dioxins and furans” refers to a grouping of hundreds of individual compounds with similar chemical composition and properties. To simplify result presentation and interpretation, the results of individual compounds are typically converted to a total toxic equivalent (TEQ) value and are summed to produce a single TEQ value for each sample. Consistent with the pre-construction monitoring program, a lower-bound TEQ value is reported. The lower bound TEQ is calculated assuming a concentration of zero for results reported as not detected, therefore, if individual compounds are not detected the TEQ will equal zero.

3.2 East Sedimentation Pond

The East Sedimentation Pond influent and effluent results are screened against PE-111578 discharge limits. Parameters without a discharge limit are screened against BC and Federal water

quality guidelines (WQGs) for the protection of marine water aquatic life. Influent water is not discharged from site, therefore only effluent water quality is assessed for exceedances.

Effluent was discharged from East Sedimentation Pond on April 21. Field measurements were collected (sample SP-E-OUT) and field parameters met PE-111578 discharge limits, as well as BC and Federal WQGs. On days when there was no discharge from the East Sedimentation Pond in-pond field measurements were collected at the northeast corner of the pond, proximal to the effluent pump intake (station SP-E-NE). Daily field parameters are summarized in Appendix B. During the monitoring period, East Sedimentation Pond water quality ranged from pH 7.43 to pH 8.00, turbidity ranged 0.77 to 3.77 NTU and dissolved oxygen ranged from 9.21 to 11.23 mg/L.

Report #10 pending analytical results for methyl mercury, dioxins and furans for the East Sedimentation Pond influent and effluent samples collected April 16 (Stations SP-E-IN-2 and SP-E-OUT, respectively) were received at the time of reporting, and are summarized in Table 3 and Table 4. The methyl mercury concentration was 23.6 ng/L in the influent sample (SP-E-IN-2) and <0.020 ng/L for the effluent sample (SP-E-OUT). Methyl mercury is used to calculate the total mercury BC WQG that applies to an individual sample. Based on the reported methyl mercury concentration, the April 16 effluent sample (SP-E-OUT) met the BC WQG for total mercury.

Table 3: Summary of East Sedimentation Pond Water Quality Results for Methyl Mercury

Parameter	Unit	East Sedimentation Pond	
		Influent	Effluent
		SP-E-IN-2	SP-E-OUT
Sampling Date		2024-04-16	2024-04-16
Methyl mercury	ng/L	23.6	<0.020

Table 4: Summary of East Sedimentation Pond Water Quality Results for Dioxins and Furans

Parameter	Unit	East Sedimentation Pond	
		Influent	Effluent
		SP-E-IN-2	SP-E-OUT
Sampling Date		2024-04-16	2024-04-16
Lower Bound PCDD/F TEQ	pg/L	1590	0.804

Notes:

PCDD = polychlorinated dibenzodioxins (dioxins)

PCDF = polychlorinated dibenzofurans (furans)

TEQ = toxic equivalency

Lower bound PCDD/F TEQ is calculated by assigning non-detectable compounds a value of zero (0).

The polychlorinated dibenzodioxins/dibenzofurans (PCDD/F; dioxins and furans) lower bound TEQ was 1590 and 0.804 pg/L in the influent (SP-E-IN-2) and effluent samples, respectively. Discharge limits and WQG are not specified for dioxins and furans. However, the lower bound concentration reported for the effluent sample (0.804 pg/L) is within the concentration range observed for pre-construction marine water quality samples collected from 2020 through 2023.

3.3 East Wastewater Treatment Plant

The East WWTP influent and effluent results are screened against the minimum discharge objectives (MDOs) which the WWTP was designed to meet. Contaminated contact water is directed to the WWTP influent, and it is expected that influent water is unlikely to meet MDOs, therefore only effluent water quality is assessed for exceedances.

The East WWTP discharged treated effluent to the East Sedimentation Pond on April 21 and April 24 – 27. On April 22 and 23 effluent was recirculated to WWTP influent. Field measurements were collected each day at the influent and effluent stations, WWTP-E-IN and WWTP-E-OUT, respectively. Daily field measurements are summarized in Appendix C.

During the monitoring period, East WWTP effluent (WWTP-E-OUT) water quality ranged from pH 5.75 to 7.94, turbidity ranged 0.47 to 4.39 NTU and dissolved oxygen ranged from 1.50 to 11.23 mg/L. The effluent field measurement met the MDOs, except pH April 22 – 24 (pH ranged from pH 5.75 to 6.47) and dissolved oxygen on April 23 and 24 (2.64 and 1.50 mg/L, respectively). Pilot testing of the East WWTP is underway and occasional, brief deviations from MDOs may occur during this phase of WWTP operation. Monitoring results indicate from April 25 – 27, the East WWTP resumed producing effluent that met the MDOs for field measurements.

Report #10 pending analytical results for methyl mercury, dioxins and furans in the East WWTP influent and effluent samples collected April 16 (Stations WWTP-E-IN and WWTP-E-OUT, respectively) were received at the time of reporting, and are summarized in Table 5. The lower bound PCDD/F TEQ concentration in the influent sample (WWTP-E-IN) was 5.51 pg/L, and 0.00734 pg/L was reported for the effluent sample (WWTP-E-OUT). MDOs are not specified for dioxins and furans. However, the WWTP produced treated effluent with concentrations of dioxins and furans that are within the range observed in the pre-construction baseline monitoring program.

Table 5: Summary of East Wastewater Treatment Plant Water Quality Results for Dioxins and Furans

Parameter	Unit	East Wastewater Treatment Plant	
		Influent	Effluent
		WWTP-E-IN	WWTP-E-OUT
Sampling Date		2024-04-16	2024-04-16
Lower Bound PCDD/F TEQ	pg/L	5.51	0.00734

Notes:

PCDD = polychlorinated dibenzodioxins (dioxins)

PCDF = polychlorinated dibenzofurans (furans)

TEQ = toxic equivalency

Lower bound PCDD/F TEQ is calculated by assigning non-detectable compounds a value of zero (0).

3.4 Non-Contact Water Diversion Outlets

Water quality results for non-contact water are screened against BC and Federal WQGs for the protection of freshwater aquatic life. Water quality samples and field measurements were not collected at non-contact diversion monitoring stations during the reporting period (April 21 – April 27).

A pending methyl mercury result for Report #10 was received for the April 12 sample collected at OUT-06 and is presented in Table 6. The methyl mercury concentration in the OUT-06 sample was 0.031 ng/L and is within the concentration range observed in the pre-construction baseline monitoring program for freshwater. Methyl mercury is used to calculate the total mercury BC WQG that applies to an individual sample. Based on the reported methyl mercury concentration, the April 12 OUT-06 sample met the BC WQG for total mercury.

Table 6: Summary of Non-Contact Diversion Outlet Water Quality for Methyl Mercury

Parameter	Unit	Station OUT-06
		Non-contact Water Diversion Ditch Outlet
Sampling Date		2024-04-12
Methyl mercury	ng/L	0.031

4. Quality Control

This section presents the results of the quality control (QC) evaluation for the PE-111578 weekly report (Table 7). The evaluation includes a review of field and lab QC, completeness of the weekly report (*i.e.*, pending data), completeness of the monitoring program and review of water management activities. Any items flagged for follow-up will be carried forward in future reports until they are closed.

Table 7: Summary of Weekly Report QC Evaluations and Ongoing Items.

QC Procedure	Observation	Investigation/Resolution
Reporting Period (April 21 – April 27, Report #11)		
Monitoring Program Evaluation	PE-111578 contact water, non-contact water and initial dilution zone monitoring stations have not been fully established.	The PE-111578 authorized works were under construction during the reporting period. Monitoring stations are progressively established as water management infrastructure is completed. The East Sedimentation Pond and East WWTP are completed, and pilot testing of the East WWTP is ongoing. The East Sedimentation Pond was commissioned for discharge on April 15. The West Sedimentation Pond is complete, except the outfall structure and West WWTP is under construction. The West Sedimentation Pond is not commissioned for discharge and did not discharge. The non-contact water diversion ditch that discharges at station OUT-06 was commissioned for discharge on April 7, and stations for pre-existing outfalls OUT-01 and OUT-02 have also been established.
Ongoing Items from Previous Weekly Reports		
Report #10: Pending Data	Methyl mercury results for April 12 (OUT-06) and April 16 (SP-E-IN-2 and SP-E-OUT), and dioxin and furan results for April 16 (SP-E-IN-2, SP-E-OUT, WWTP-E-IN, WWTP-E-OUT) were not reported.	Methyl mercury, dioxins and furans results were available for OUT-06, WWTP-E-IN, WWTP-E-OUT, SP-E-IN-2 and SP-E-OUT at the time of preparing weekly report #11. Results are discussed in Section 3.2, 3.3, and 3.4 of this report. Weekly report #10 indicated dioxin and furans results were not reported for IDZ-E1 and IDZ-E2 stations for April 16; however, dioxin and furans samples were not collected at these stations on April 16 and this was an error in reporting. This item is now closed.
Report #10: Water Management Evaluation	April 16 monitoring results for East Sedimentation Pond influent (station SP-E-IN-2) indicated contaminated contact water was directed to the pond.	On April 16, non-contaminated contact water that was previously pumped to a baker tank for storage was transferred to the sedimentation pond as influent. On April 18, after receiving the test results, site staff determined that the baker tank was previously used to store contaminated contact water and that residues from the tank were likely entrained in the water that was transferred from the baker tank to the pond influent. Corrective actions were implemented by site staff on April 18 and included suspending further discharges until WQ monitoring indicated PAHs have been removed from the sedimentation pond, and recirculating water from the baker tanks used for storing non-contaminated contact water through the East WWTP until influent PAH concentrations indicate residual contamination has been removed. Site staff collected a pond sample on April 18 proximal to the intake for the effluent discharge pump located in the northeast corner of the pond (SP-E-POND). PAHs met WQG in the April 18 sedimentation pond sample. This item remains open pending the results of additional influent monitoring scheduled for the week of April 28.
Report #10: Result QA/QC Screening	Detection limits for total Cd, Cu, Pb, Ni, Se, V, and Zn were raised above WQG values for the IDZ-E1 and IDZ-E2 seawater samples.	The total and dissolved metal analysis was processed using a less sensitive test method than normally used for seawater testing. This resulted in detection limits that were elevated above WQG for Cd, Cu, Pb, Ni, Se, V, and Zn. Site staff indicate total and dissolved metals will be tested using a higher sensitivity method for seawater moving forward to achieve the typically reported detection limits. Additional sampling is scheduled for the week of April 28 at these stations. This item remains open until future lab submission reports confirm the higher sensitivity test method is used for seawater metals testing.

Notes:

Result QA/QC screening includes the evaluation of field and lab QC results, comparison of total and dissolved metal results and review for modified detection limits.

Pending data are outstanding results from monitoring samples reported in the current or previous weekly reports.

Monitoring Program and Water Management Evaluations are an assessment of the completeness of the monitoring program and water management infrastructure compared to PE-111578 requirements.

5. Closure



This weekly report is a desktop review by Lorax of the PE-111578 discharge and compliance monitoring program records, reports and results provided by Woodfibre LNG and their sub-contractors. The records reviewed and analyzed by Lorax include ALS Environmental laboratory test reports, site reports (from Roe Environmental, LB LNG, McDermott and Woodfibre LNG), and Keystone Environmental field reports. Verbal or electronic communications between Lorax, and Roe Environmental, LB LNG, McDermott, Woodfibre LNG and Keystone Environmental staff are conducted as needed to confirm the information presented in this report.

Regards,

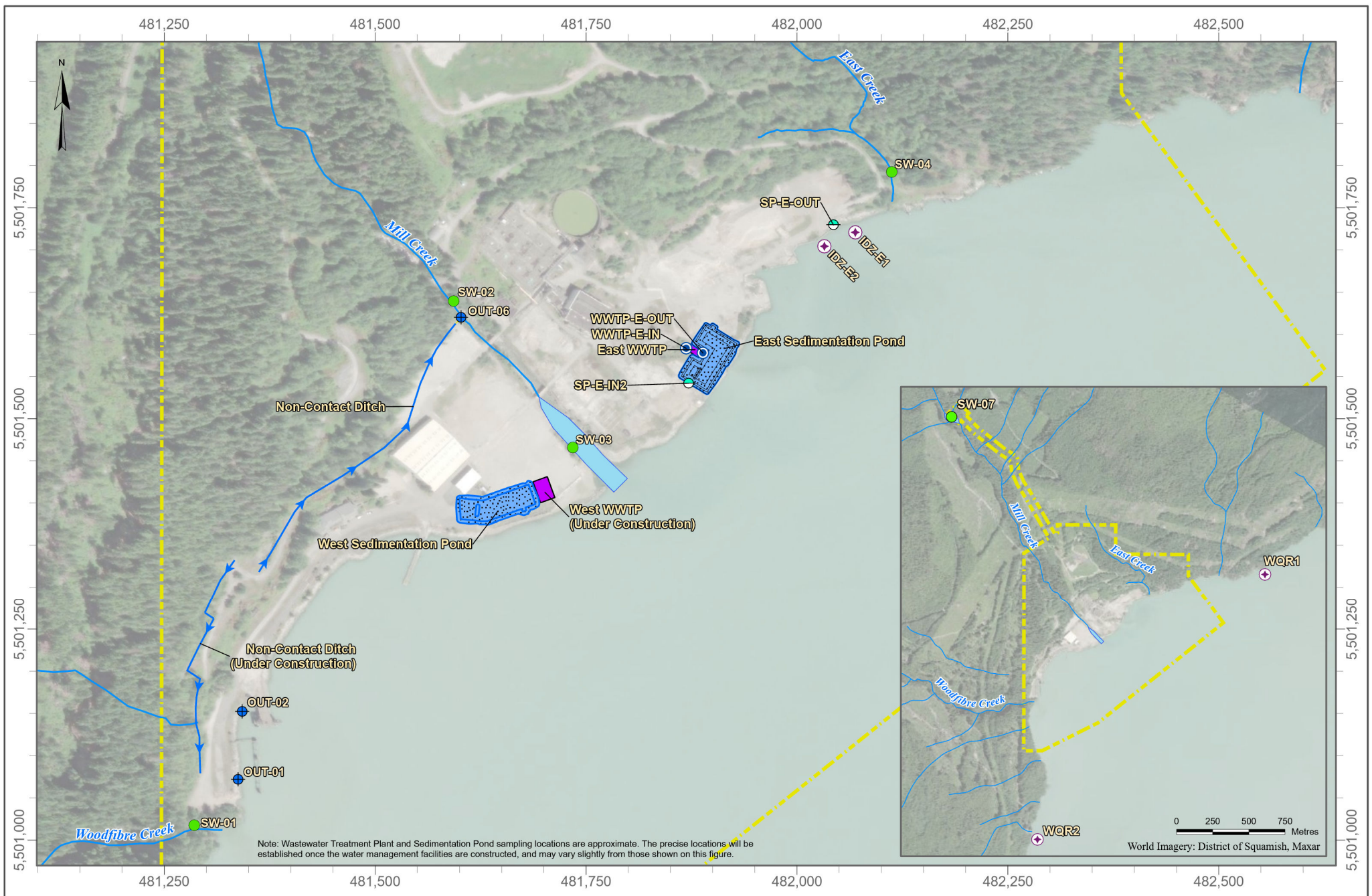
LORAX ENVIRONMENTAL SERVICES LTD.



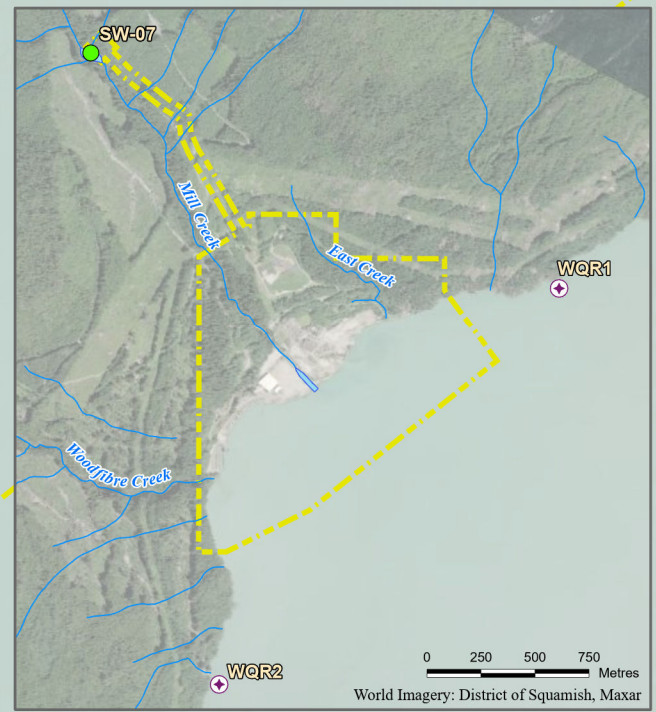
Holly Pelletier, B.Sc., GIT
Environmental Geoscientist



Patrick Mueller, B.Sc., P.Chem.
Environmental Chemist



Note: Wastewater Treatment and Sedimentation Pond sampling locations are approximate. The precise locations will be established once the water management facilities are constructed, and may vary slightly from those shown on this figure.



0 250 500 750 Metres
World Imagery: District of Squamish, Maxar

LEGEND

Freshwater Monitoring Station	Clean Water Diversion Discharge Station
Marine Water Monitoring Station	Sediment Pond
Certified Project Area	Sediment Pond Monitoring Stations (Water Quality)
Waterbody	WWTP
Watercourse	
Non-Contact Diversion Ditch	

DATE SAVED: May 03, 2024
 DRAWN BY: DM
 REVIEWED: PM
 VERSION: 1

Coordinate System: NAD 1983 UTM Zone 10N
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Metre
 1:6,000
 0 50 100 150 Metres



PROJECT:

**Woodfibre LNG Project
Construction Phase**

TITLE:
Completed or Under Construction Water Management Facilities
and Established PE-111578 Monitoring Stations (April 27, 2024)

PROJECT #: A633-7

FIGURE: 1

Appendix A: East and West Catchment Photographs



Figure 2: Areal view of the East WWTP and East Sedimentation Pond showing the placement of two sediment curtains. Water at the inlet (southwest) section of the pond is brown due to elevated TSS in the influent. A progression to less turbid water is observed in the sediment curtain cells from the pond inlet (southwest corner) to the outlet (northern corner) (April 24, 2024).



Figure 3: Areal view showing the current stage of construction for the West Sedimentation Pond and West WWTP (located west of pond) on April 25, 2024.

Appendix B: East Sedimentation Pond Results

Table B-1: Summary of East Sedimentation Pond Daily Field Parameters Received at the Time of Reporting.

Station ID	Date	Time	Temperature	DO	Salinity	Turbidity	pH	Conductivity	Visibility of Sheen
			°C	mg/L	ppt	NTU	s.u.	µS/cm	
SP-E-OUT	21-04-2024	15:20	13.7	9.21	0.13	0.77	7.92	217.9	No
SP-E-IN-2	21-04-2024	-	-	-	-	-	-	-	-
SP-E-OUT	22-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	22-04-2024	-	-	-	-	-	-	-	-
SP-E-NE	23-04-2024	11:06	15.6	9.77	0.15	1.95	7.70	250.5	No
SP-E-OUT	23-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	23-04-2024	-	-	-	-	-	-	-	-
SP-E-NE	24-04-2024	10:23	14	10.78	0.14	3.03	8.00	230.1	No
SP-E-OUT	24-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	24-04-2024	-	-	-	-	-	-	-	-
SP-E-NE	25-04-2024	12:37	12.6	11.23	0.14	3.25	7.08	229.6	No
SP-E-OUT	25-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	25-04-2024	-	-	-	-	-	-	-	-
SP-E-NE	26-04-2024	15:40	14.4	9.97	0.15	3.77	7.39	246.1	No
SP-E-OUT	26-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	26-04-2024	-	-	-	-	-	-	-	-
SP-E-NE	27-04-2024	8:42	13.2	9.66	0.16	2.54	7.43	249.1	No
SP-E-OUT	27-04-2024	-	-	-	-	-	-	-	-
SP-E-IN-2	27-04-2024	-	-	-	-	-	-	-	-

Discharge from the East Sedimentation Pond occurred April 21.

Field parameters were collected from the northeast corner of the East Sedimentation Pond proximal to the intake of the discharge pump (SP-E) April 23 – 27.

Appendix C: East Wastewater Treatment Plant Results

Table C-1: Summary of East Wastewater Treatment Plant Daily Field Parameters Received at the Time of Reporting.

Station ID	Date	Time	Temperature	DO	Salinity	Turbidity	pH	Conductivity	Visibility of Sheen
			°C	mg/L	ppt	NTU	s.u.	µS/cm	
WWTP-E-IN	21-04-2024	11:47	15.2	8.22	0.14	8.1	7.72	230.8	No
WWTP-E-OUT	21-04-2024	11:50	14.2	10.73	0.13	0.47	7.94	220	No
WWTP-E-IN	22-04-2024	15:47	22.7	4.72	0.13	17.64	7.85	263.7	No
WWTP-E-OUT	22-04-2024	15:20	24.3	9.65	0.01	4.39	6.47	280	No
WWTP-E-IN	23-04-2024	11:08	19.1	5.02	0.13	13.8	7.46	239	No
WWTP-E-OUT	23-04-2024	11:11	16.8	2.64	0.14	2.22	6.11	246.6	No
WWTP-E-IN	24-04-2024	10:26	10.2	7.84	0.13	19.3	7.32	194.7	No
WWTP-E-OUT	24-04-2024	10:28	10.1	1.50	0.15	1.98	5.75	218.8	No
WWTP-E-IN	25-04-2024	12:43	12.8	9.48	0.13	8.97	8.24	207.5	No
WWTP-E-OUT	25-04-2024	12:40	12.3	10.75	0.14	2.44	7.80	214.6	No
WWTP-E-IN	26-04-2024	15:44	14.3	9.80	0.14	25.56	7.98	226.5	No
WWTP-E-OUT	26-04-2024	15:46	14.4	10.12	0.15	2.58	7.67	245.5	No
WWTP-E-IN	27-04-2024	8:44	13.2	9.36	0.14	19.53	7.83	221.7	No
WWTP-E-OUT	27-04-2024	8:46	11.6	10.70	0.14	2.19	7.77	301.8	No