



TECHNICAL MEMORANDUM

To: Ashleigh Crompton, Mike Champion, Jackie Boruch, Ryan Schucroft, Jamie Maxwell (Woodfibre LNG) **Date:** 29 March 2024

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

Subject: PE-111578 Weekly Discharge and Compliance Report #6, March 17 – 23

Waste Discharge Authorization (WDA) 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.

This technical memorandum (Report #6) summarizes the results of PE-111578 discharge and compliance monitoring conducted March 17 – 23, and is intended to meet the reporting requirements specified in Condition 4.2 of WDA Effluent Permit PE-111578. This technical memorandum report has been prepared to meet the requirements specified in Condition 4.2 of PE-111578 which is reproduced below. Figures referenced in the discussion are included at the end of this report.

“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 have been commenced including site grading, levelling, and sedimentation pond berm construction. In December, in-marine works were initiated in the foreshore and shoreline areas of the Project and in early 2024 construction of water management infrastructure was initiated and continued through the March 17 – 23 monitoring period. The water management

facilities that were completed or under construction during the reporting period are shown in Figure 1.

During the reporting period (March 17 – 23) assembly of the East Wastewater Treatment Plant (East WWTP) continued. Figure 2 shows an areal view of the East Sedimentation Pond and the East WWTP on March 17. No discharges of contact water to the environment were reported during the reporting period. Commissioning of the EWWTP was scheduled to begin late March or early April. Following commissioning, construction of the remaining East Catchment water management infrastructure will commence (*i.e.*, conveyance ditches, outfall structures).

Construction of the West Sedimentation Pond continued during the reporting period (March 17 – 23) with placement of the pond berms (Figure 3) and construction of the pond is scheduled to be completed mid-April. Commissioning of the West WWTP is anticipated to follow shortly thereafter. The construction of a non-contact water diversion continued along the northern ditch line shown in Figure 1. Water that accumulates in these non-contact water ditches is contained and managed on-site as non-contaminated contact water. Site reports indicate there were no contact water discharges to the environment during the reporting period.

2. Monitoring Summary

The authorized works were under construction during the March 17 – 23 monitoring period. Compliance monitoring stations will be progressively established as water management infrastructure is completed. The receiving environment stations for creek water and Howe Sound reference locations have been established (Figure 1). Monthly monitoring of PE-111578 receiving environment stations will be conducted by Roe Environmental before the end of March.

3. Water Quality Results

Field measurements and analytical samples for the PE-111578 monitoring stations were not collected during the March 17 – 23 monitoring period. Compliance monitoring stations will be progressively established as water management infrastructure is completed. Monthly monitoring of PE-111578 receiving environment stations will begin in April.

4. 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 project staff responsible for environmental management. The records reviewed and analyzed by Lorax include ALS Environmental laboratory test reports, and field reports from Roe Environmental, LB LNG and Keystone Environmental. Verbal or electronic communications between Lorax, Woodfibre LNG and other project staff are conducted as needed to confirm the information presented in this report.

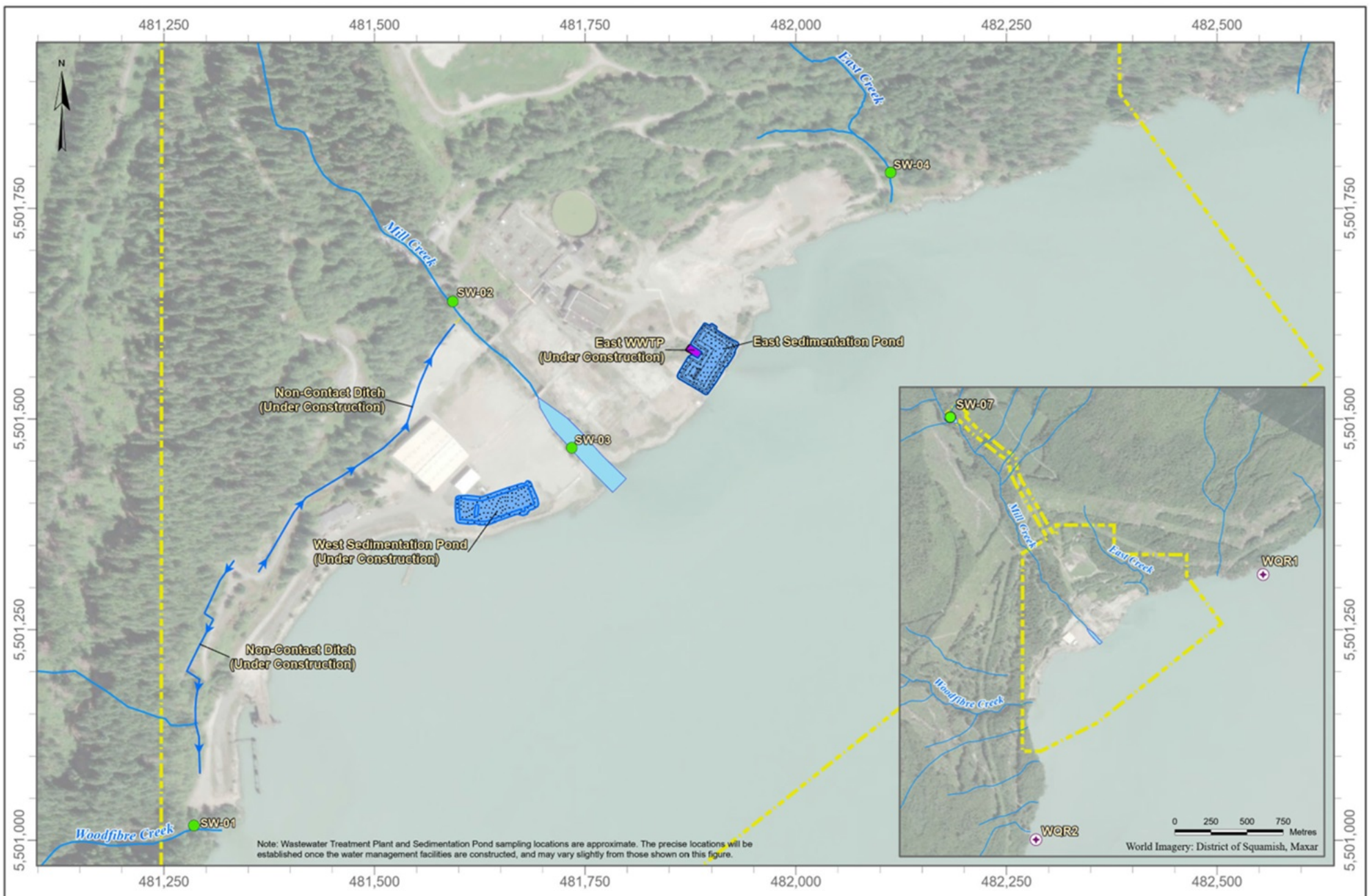
Regards,

LORAX ENVIRONMENTAL SERVICES LTD.

Prepared by:



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Environmental Chemist



- LEGEND**
- Freshwater Monitoring Station
 - ⊕ Marine Water Monitoring Station
 - Certified Project Area
 - Waterbody
 - Watercourse
 - Non-Contact Diversion Ditch
 - Sediment Pond
 - WWTP

DATE SAVED: Mar 28, 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 (March 23, 2024)

PROJECT #: A633-7

FIGURE: 1



Figure 2: Areal view of the East Sedimentation Pond and the partially assembled East Wastewater Treatment Plant (East WWTP) near the centre of the photo (17- Mar-2024).



Figure 3: West Sedimentation Pond berm placement (23-Mar-2024).