

Construction Memo

TO:	City of Merritt, Flood Mitigation Dept.	REPORT DATE:	2026-03-27
PROJECT:	Merritt Fir Avenue Coldwater Riverbank Stabilization	CONSTRUCTION ADMINISTRATOR	Patrick Griffiths, Site Supervisor
LOCATION:	Coldwater River Left Bank below Fir Avenue, Merritt BC	WORKFORCE:	8

Project Overview

The Fir Avenue Bank Stabilization Project focuses on protecting and stabilizing the Coldwater River's Left Bank below Fir Avenue to ensure environmental habitat sustainability, reduce property loss, and prevent continued degradation. The scope includes channel widening, the removal of Type D material, and the installation of robust Class 500kg riprap and bioengineered solutions like large woody debris structures and engineered root wad clusters. The project will also feature riparian planting and live staking to restore the natural habitat. The project is being undertaken by Rock Solid Industries Inc (RSI).

1. Environmental Update

March 19 to 20 – No in-stream work has taken place. RSI has been working within 10 m of the river so Bailey Environmental has been onsite and monitoring. RSI created an temporary berm between the excavation and the river.

- 1.1 Due to changing water levels and potential for sediment to enter the watercourse a silt fence was put up as protection. Danger trees were removed before the nesting season begun in Mid March. Bailey Environmental continues to complete bird monitoring activities.

March 23-27 – RSI continues to work within 10 m of the river so Bailey Environmental remains onsite and monitoring. RSI is using the site topography to leverage a natural high point (bank) to isolate their work from the river. In addition

- 1.2 to the bank, they are implementing ESC measures such as silt fencing and poly sheets. The poly sheeting is being semi-buried and then folded over the bank of material to act as an ESC measure. The ESC measures continue to appear effective. Bailey Environmental continues to complete bird monitoring activities.

2. Heritage Update

- 2.1 March 19 to 20 –A Cultural Monitor has been onsite from the Scw'exmx Tribal Council to monitor ongoing excavation. Nothing has been identified to date.

- 2.2 March 23 to 27 - A Cultural Monitor has been onsite from the Scw'exmx Tribal Council to monitor ongoing excavation. Nothing has been identified to date.

3. Construction Update

- 3.1 March 19 to 20 – RSI prepared an access pathway from the 1301 Voght Street laydown to the downstream most habitat structure along the right bank. RSI excavated approximately 45m of the channel widening to near design grade.
- 3.2 March 23-27 – RSI excavated approximately 90m of the channel widening section to near design grade. RSI is nearly complete the habitat structures at approximate stationing 1+160 and 1+250. RSI has brought a screener to site and has begun preparing screened sand and gravel and small boulders.

4. Schedule Update

- 4.1 March 19 to 20 – RSI has deviated from the schedule and worked on the Channel widening right bank instead of the originally forecasted bar scalping.
- 4.2 March 23 to 27 – RSI is awaiting input on the design criteria for the downstream left bank habitat structure at approximate stationing 1+340. Based on site discussions they anticipate requiring additional time to complete the works in result of additional bar excavation. Next week RSI plans to continue with the channel widening and installing the final right bank habitat structure.

5. Project Contacts:

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6. Project Photos



CA Signature	Name:	Date:
Submission	If required Monthly, last Friday by noon	If required weekly, Friday by noon
CONTRACTOR DISTRIBUTION:	<input checked="" type="checkbox"/> Site Manager	<input checked="" type="checkbox"/> Indigenous Engagement Manager (IEM)
	<input checked="" type="checkbox"/> Design Team	<input checked="" type="checkbox"/> Internal Files
MERRITT FLOOD MITIGATION DISTRIBUTION:	<input checked="" type="checkbox"/> Indigenous Bands (IEM)	<input checked="" type="checkbox"/> Website/Social Media (CE)
	<input checked="" type="checkbox"/> Community Engagement (CE)	<input checked="" type="checkbox"/> Flood Mitigation Files (IEM)