

Construction Memo

TO:	City of Merritt, Flood Mitigation Department	REPORT DATE:	2026-04-03
PROJECT:	Merritt Fir Avenue Coldwater Riverbank Stabilization	CONSTRUCTION ADMINISTRATOR:	Evan Andjelic, P.Eng Water Resources Engineer
LOCATION:	Coldwater River Left Bank below Fir Avenue, Merritt BC	WORKFORCE:	6

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 30 – April 2 - 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.

- 1.1 As RSI nears completion of the works on the right bank for this work window, they have started to remove the silt fencing and poly sheets between the bank and the river. Invasive weeds have been identified in the Project Area and have been removed.
- 1.2 Next Week - RSI will complete the channel excavation work in the isolated area on the right side of the channel and when complete the sediment and sediment control measures will be removed. When they start work on the lower left side of the channel sediment control measures will be put in place to isolate the work zone from the Coldwater River.

2. Heritage Update

- 2.1 March 30 – April 2 - A Cultural Monitor has been onsite from the Scw'exmx Tribal Council to monitor ongoing excavation. Nothing has been identified to date.
- 2.2 Next Week- A cultural monitor will be on site while ground disturbance activity is taking place.

3. Construction Update

- 3.1 March 30 – April 2 - RSI has excavated a total of approximately 215m of the channel widening section to near design grade. RSI is nearly complete the three fish habitat structures along the right bank with grading changes remaining. RSI continued to screen material onsite and stockpile the various materials for fish spawning gravels and other construction materials. RSI prepared the Walnut Ave laydown and imported the large woody debris material to construct the forth large woody debris structure to be constructed for fish habitat purposes.
- 3.2 Next Week – RSI will complete the channel excavation and large woody debris structures on the right side of the Coldwater River and will begin similar work of the left side of the river furthers downstream. Excavated material will continue to be screened and moved to the Voght Street laydown area for use after freshet.

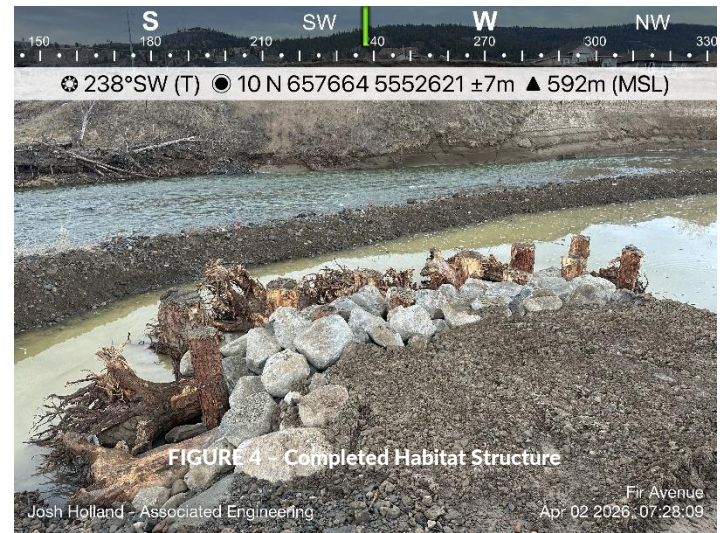
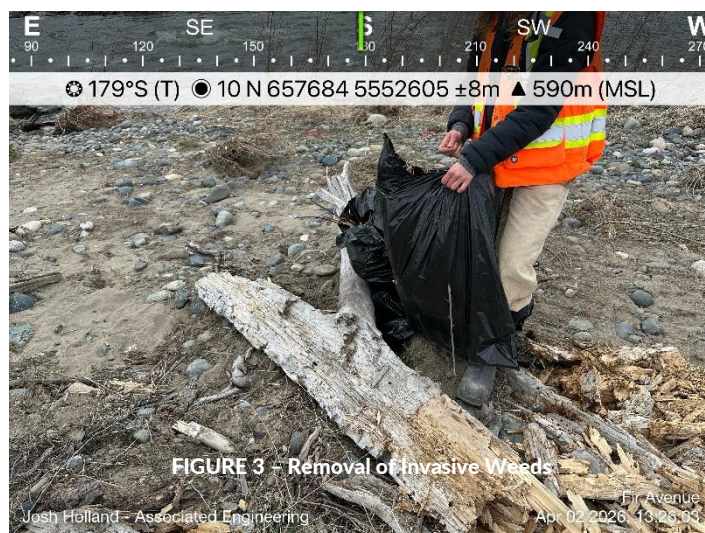
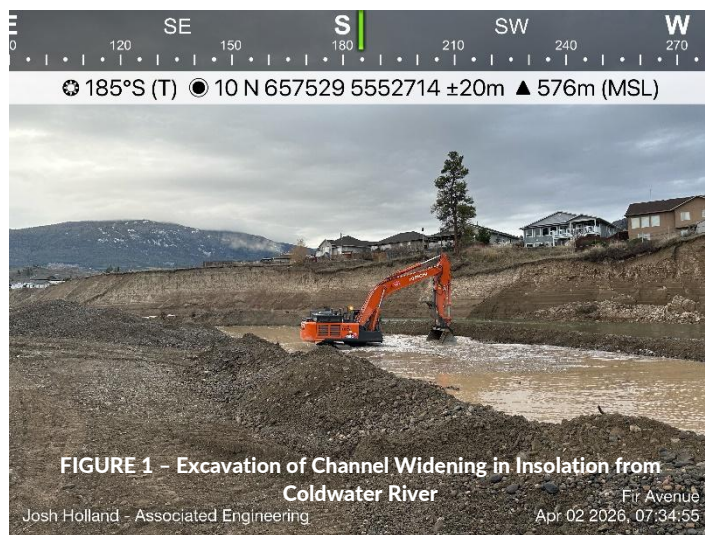
4. Schedule Update

4.3 March 30 – April 2 – RSI is planning to complete the isolated right bank works Monday April 6. Once the right bank works are completed, RSI will begin working on the left bank large woody debris structure as well as the channel widening at the furthest downstream extent of the project. All work required to be completed before freshet will be completed on time.

5. Project Contacts

Paul Hague, RPF
 Project Manager
 Associated Environmental Consultants Inc.
 Tel: 250.545.3672 | Cel: 250.938.1128
haguep@ae.ca

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