

REPORT TO WILDERNESS MOUNTAIN WATER SERVICE COMMISSION MEETING OF TUESDAY, JUNE 24, 2025

SUBJECT Capital Projects and Operational Update - June 2025

ISSUE SUMMARY

To provide the Wilderness Mountain Water Service Commission with capital project status reports and operational updates.

BACKGROUND

The Wilderness Mountain Water System is located near the top of Mount Matheson in East Sooke on Vancouver Island in the Juan de Fuca Electoral Area and provides drinking water to approximately 74 customers. Capital Regional District (CRD) Infrastructure and Water Services is responsible for the overall operation of the water system with day-to-day operation, maintenance, design and construction of water system facilities provided by the CRD Infrastructure, Planning and Engineering and Infrastructure Operations divisions. The quality of drinking water provided to customers in the Wilderness Mountain Water System is overseen by the CRD Water Quality division.

Capital Project Update

24-01 | Wooden Intake Platform Replacement

Project Description: Replacement of the existing water intake platform.

Project Rationale: The existing intake platform is deteriorating and considered a hazard. Replacement is required for continued safe operation and maintenance activities.

Project Update and Milestones:

- After dismantling of decking on intake platform was completed to allow detailed structural assessment, it was determined that the supporting structure was in a significantly deteriorated state and would not be able to be relied upon for the replacement structure. CRD worked with a contractor and engineer to determine an alternate replacement option that could be done for the limited budget.
- Pier and pipe support rebuild completed in late 2024.
- Floating intake platform and gangway required 2025 funding, which became available in March 2025. Design is complete and work has been issued to contractor to begin construction in June 2025 (off site initially).

Milestone	Completion Date
Floating Platform Construction	Q2/Q3 2025
Pier and pipe support rebuilt	Dec 20, 2024
Revised scope and budget contemplated for review	Q4 2024
Initial Demo and Investigation Completed	Q3 2024
Construction Contract Awarded	July 2024
Invitation to Quote	Q2 2024
Site Visits with Contractors	Q2 2024
Budget Approval	March 2024

Operational Update

The following provides a summary of operational activities completed since February 2025.

- February 14: Monthly site safety inspections.
- February 18: Monthly dam inspections.
- March 17: Callout, additional filter change.
- March 18: Monthly dam and site safety inspections.
- March 18: Boil water advisory.
- March 24: Boil water advisory rescinded.
- April 4: Replace UV sensor.
- April 15: Monthly dam and site safety inspections.
- April 17: Replace chlorine probe.
- April 25: Boil water advisory.
- April 29: Replace intake pump.
- May 2: Boil water advisory rescinded.

RECOMMENDATION

There is no recommendation. This report is for information only.

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