

Saanich Peninsula Wastewater Capital Program – Current Status of Active Projects

Project Number	Project Title	Total Budget	2026 Budget	Status
26-01	Wastewater Treatment Plant (WWTP) Corrosion and Air Management Improvements Program	\$7,500,000	\$4,410,000	<p>Projects are being progressed in the priority sequence identified at the February 5, 2026 Commission Meeting.</p> <p>Design work is complete for the Primary Clarifier #2 & Sludge Tank structural improvements, and a construction tender will be issued in Q2.</p> <p>A third-party value engineering consultant has been contracted to assess options for HVAC and odour control improvements.</p>
24-02	Standby Power Assessment and Replacement	\$950,000	\$300,000	<p>This was originally recommended from the Asset Management Plan, but the project has been deferred. This will be reflected in the 2027 Capital Plan. The existing generator cannot power the entire facility, but an interim plan is in place to utilize a temporary genset and this will be sufficient so long as the existing genset remains in good working condition. A power load study update is tentatively scheduled to commence in 2028 and this project will be reassessed after.</p>
24-03	SCADA Equipment Replacement	\$1,000,000	\$200,000	<p>SCADA hardware upgrades are scheduled for Q3 and Q4 based on the wastewater system priority needs. This project will improve overall operator response, enhance cybersecurity, and reduce critical down time.</p>
24-04	SPWWTP PLC Replacement	\$500,000	\$100,000	<p>Funding has been allocated for Programmable Logic Controllers (PLC) components that will benefit the Outdoor Odour Control Unit (OCU) improvements however capital upgrades have been paused pending the third-party value engineering assessment noted in item #26-01 above. CRD staff will progress this project after third party assessment is completed and the process control narrative for the facility has been updated.</p>
24-05	Keating Pump Station – Pump Replacement	\$600,000	\$580,000	<p>A preliminary options assessment was completed and a design consultant is proceeding with a design that includes 2x</p>

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				85HP pumps with soft starters. The CRD is targeting to complete this with a combination of own forces and contracted labour, with completion projected by the end of 2026.
22-02	Microwave Radio Upgrades	\$550,000	\$350,000	The current Peninsula SCADA Data Radio system, which provides communication for much of the transmitters in the system, needs to be upgraded to manage Cyber Security risks and its aging infrastructure. In 2026 there will be minimal spend as staff undertake schematic design in 2026 to optimize Peninsula communications. Capital upgrades will be coordinated with SCADA Master Plan
20-04	Manhole Repairs and Replacement	\$950,000	\$375,000	Detailed design underway for repairs to Boundary Grit Chamber and 3-4 other manholes within the Saanich Peninsula system. The design will be completed in 2026 with the construction planned for 2027.
26-04	Wastewater Strategic Planning	\$50,000	\$50,000	The project was initiated in Q1 2026. Progression towards procurement of consultant is expected in Q2 2026.

- Project Numbers refer to project numbers from the 2026 Capital Plan.
- The projects listed above are not inclusive of all capital projects currently underway. Smaller scale projects have been omitted from this list for clarity.