
BACKGROUND

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Ministry of Community Services

B.C. WATER IMPROVEMENT PROGRAM'S 23 APPROVED PROJECTS

Vancouver Island/Coast:

- **Lantzville: Sanitary Sewer Collection System.**
Provincial contribution: \$2,376,318. Project value: \$3,564,477.
Phase 1 of 7 that will construct a distribution system that will tie into the Regional District of Nanaimo's sewage system for proper treatment, and allow Lantzville residents to abandon failing septic fields. This will prevent further discharge of raw sewage into the environment. Phase 1 involves work in the Dickenson Road/Pebble Beach Catchment Area.
- **Ladysmith: Ladysmith Wastewater Treatment Plant Upgrade.**
Provincial contribution: \$2,250,000. Project value: \$5,226,010.
This project involves stage II sewage treatment plant upgrades, including upgrades to primary treatment and secondary treatments works. This will allow the Town of Ladysmith to comply with municipal sewage regulations; reduce consumption of chlorine; improve reliability and monitoring; and reduce the impacts on the environment and a recreational beach.
- **Port Alberni: China Creek Water Main Replacement – Phase 1.**
Provincial contribution: \$1,166,667. Project value: \$1,750,000.
First phase includes the replacement of 1,650 m of supply main with high-density pipe, improving supply-main safety and reduced risk of slope failure for about 6,200 homes.
- **Tofino: Ginnard Creek Water Supply Upgrade.**
Provincial contribution: \$823,333. Project value: \$1,235,000.
This project improves water quality issues by expanding an existing watershed storage, modifying the Sharp Road Booster Pump Station, and adding ultra-filtration membrane technology.

Mainland/Southwest:

- **Fraser Valley Regional District: Hatzic Island, Sheltered Cove and Vicinity Integrated Water System.**
Provincial contribution: \$796,223. Project value: \$1,194,334.
This project will provide a safe and centralized drinking water system to the subdivisions of Sheltered Cove, Mountainview and Riverside, which are currently on boil water advisories. A major project component is a water main that will cross Hatzic Lake from Hatzic Island to Sheltered Cove. The project will provide potable water for 103 residents.
- **Lillooet: Lillooet Water Reservoir #1.**
Provincial contribution: \$733,333. Project value: \$1,100,000.
Construction of a 400,000-gallon reservoir and booster station to improve drinking water quality, reduce water wastage and improve fire protection.

- **Anmore: Chlorination Booster Station.**
Provincial contribution: \$44,667. Project value: \$67,000.
Construction of a chlorine booster station to provide adequate chlorine residual through the village's water distribution system.
- **Langley District: Brookwood Trunk Sewer.**
Provincial contribution: \$1,891,658. Project value: \$2,837,487.
Construction of a sewer main from an existing GVRD pump station within the City of Langley to serve the Brookwood area of the Township of Langley. This is the first phase of a project that will eventually serve about 13,000 people with community sewer who are currently using on-site septic systems.
- **Sunshine Coast Regional District: Garden Bay Waterworks District UV Water Treatment System.**
Provincial contribution: \$33,333 Project value: \$50,000
Installation of an ultra violet disinfection system to eliminate a boil water advisory for 352 households. On completion of this project, the Garden Bay Waterworks District will be dissolved and the ownership and operation of the system will be transferred to the Sunshine Coast Regional District.
- **Sunshine Coast Regional District: Davis Bay Water Main Replacement.**
Provincial contribution: \$200,000. Project value: \$300,000.
Installation of 1350 m of ductile iron pipe from Bay Road to Nestman Road along the Sunshine Coast Highway.. This will improve water quality and fire flows for 75 homes.

Thompson/Okanagan:

- **Coldstream: Lisheen and Coldstream Creek Lift Station.**
Provincial contribution: \$456,000. Project value: \$684,000.
The project provides for improvements and/or replacements at both the Lisheen and Coldstream Creek Sewage Lift Stations, to improve overall system reliability and environmental protection.
- **Kelowna: Fisher Road Sewer Project.**
Provincial contribution: \$1,517,409. Project value: \$2,276,114.
Extending the community sanitary sewer to the Fisher Road and KLO Road area to alleviate public health and environmental concerns arising from septic field failures and subsequent groundwater contamination. The project will provide a community sewer to 82 residents.
- **Peachland: Water Quality Enhancement and Assurance.**
Provincial contribution: \$389,800 Project value: \$584,700.
Integrating two separate water systems currently being operated by the District of Peachland. The project involves installing a new water main across Highway 97 and along Arthur St. to connect the systems, to improve drinking water quality and system reliability.
- **Thompson-Nicola Regional District: Walhachin Community Water System.**
Provincial contribution: \$73,333. Project value: \$110,000.
The project includes installing chlorine monitoring and control equipment and other works to improve drinking water quality protection and system reliability for 32 homes.

- Thompson-Nicola Regional District: Evergreen Community Water System.
Provincial contribution: \$21,667. Project value: \$32,500.
Improving the Evergreen Estates Community Water System by renovating the reservoir to improve chlorine contact time, as well as other enhancements. The project will improve water disinfection and improve system reliability for 16 service connections.
- Thompson-Nicola Regional District: Pritchard Community Water System.
Provincial contribution: \$176,504. Project value: \$264,756.
Improvements to the Pritchard Community Water System include upgrades to the river intake, the disinfection system and the reservoir. This will improve drinking water protection and system reliability for 156 domestic connections.

Kootenays:

- Invermere: Wastewater Treatment Plant Phase 2.
Provincial contribution: \$982,228. Project value: \$1,473,342.
Upgrades include constructing a new headworks building, pre-treatment screening, replacing lagoon liners and other improvements. The project will improve the quality of treated effluent, increase system efficiency and reliability and add capacity for future growth.
- Grand Forks: Water System Reservoir Upgrading.
Provincial contribution: \$180,667. Project value: \$271,000.
The project involves repairs and upgrades to the city's existing reservoir to improve system reliability for approximately 5,000 people.
- Salmo: Water Supply and Distribution Improvements.
Provincial contribution: \$445,333. Project value: \$668,000.
Development and construction of a new drinking water well and installing 800 m of water main. The project will improve overall drinking water quality and enhance system reliability.
- Radium Hot Springs: Water Disinfection and Storage.
Provincial contribution: \$525,333. Project value: \$788,000.
Replacement of an aging reservoir and installation of an ultra violet disinfection system. This project will improve drinking water protection and system reliability.

Cariboo/Nechako/North Coast:

- Valemount: Wastewater Treatment Upgrades.
Provincial contribution: \$1,467,000. Project value: \$2,200,500.
Major works consist of constructing two aerated lagoons and installing two ultra violet irradiation units. The project will ensure the facility meets discharge standards, and will also provide added capacity for future growth.
- Burns Lake: Supervisory Control And Data Acquisition (SCADA) Project.
Provincial contribution: \$118,912. Project value: \$178,368.
The project involves upgrades and improvements to control and monitoring systems of the village's water and sewerage facilities. This will provide improved system reliability and efficiency for both the drinking water and wastewater systems, further enhancing the protection of public and environmental health in the community.

- Village of Queen Charlotte: Proposed Water Supply.
Provincial contribution: \$2,146,667. Project value: \$3,220,000.
Development of a surface drinking water source and treatment facility. This includes the construction of an earthen berm and concrete control structure at the outlet of Stanley Lake, construction of a raw water intake structure at the lower reaches of the Honna River, construction of a raw water line, and expansion of the existing water treatment plant to incorporate surface water treatment. This project will provide potable and reliable drinking water for the community of approximately 1,100 people.

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