

Bamfield Water System – Water Model Analysis Requirements

Important Information for Builders/Developers

The Bamfield Water System has many relatively small diameter watermains that may not be able to provide water service to additional buildings or new development without upgrades.

How does this affect me?

The ACRD will not approve new development or buildings to connect to the water system if it will compromise the water system's ability to provide potable water to the community. A water model analysis can be conducted by an engineering firm to ensure the water system can provide peak domestic flows to your location.

How do I know if this will be required for the property I am concerned about?

All larger developments (3 or more additional dwelling units) will be required to have a water model analysis completed. Small developments and building connections may also be required to complete a water model analysis if the water main adjacent to the property is less than 150 mm in diameter (see attached map). If the water model analysis shows that water system can meet peak domestic flow with the additional demand on the water system then upgrades will not be required prior to approval of a new water connection.

Who is responsible for having the water model analysis completed?

The cost of this analysis is the responsibility of the applicant (property owner). Koers Engineering recently completed an updated water model for the Bamfield Water System and can offer this service.

What if the water model analysis shows the existing watermain won't support additional demand?

If the water main won't support additional connections, it will have to be upgraded to a minimum size of 150 mm. As per Part 7 of Bylaw F1147, the applicant will be responsible for the entire cost of the system extension or necessary upgrade.

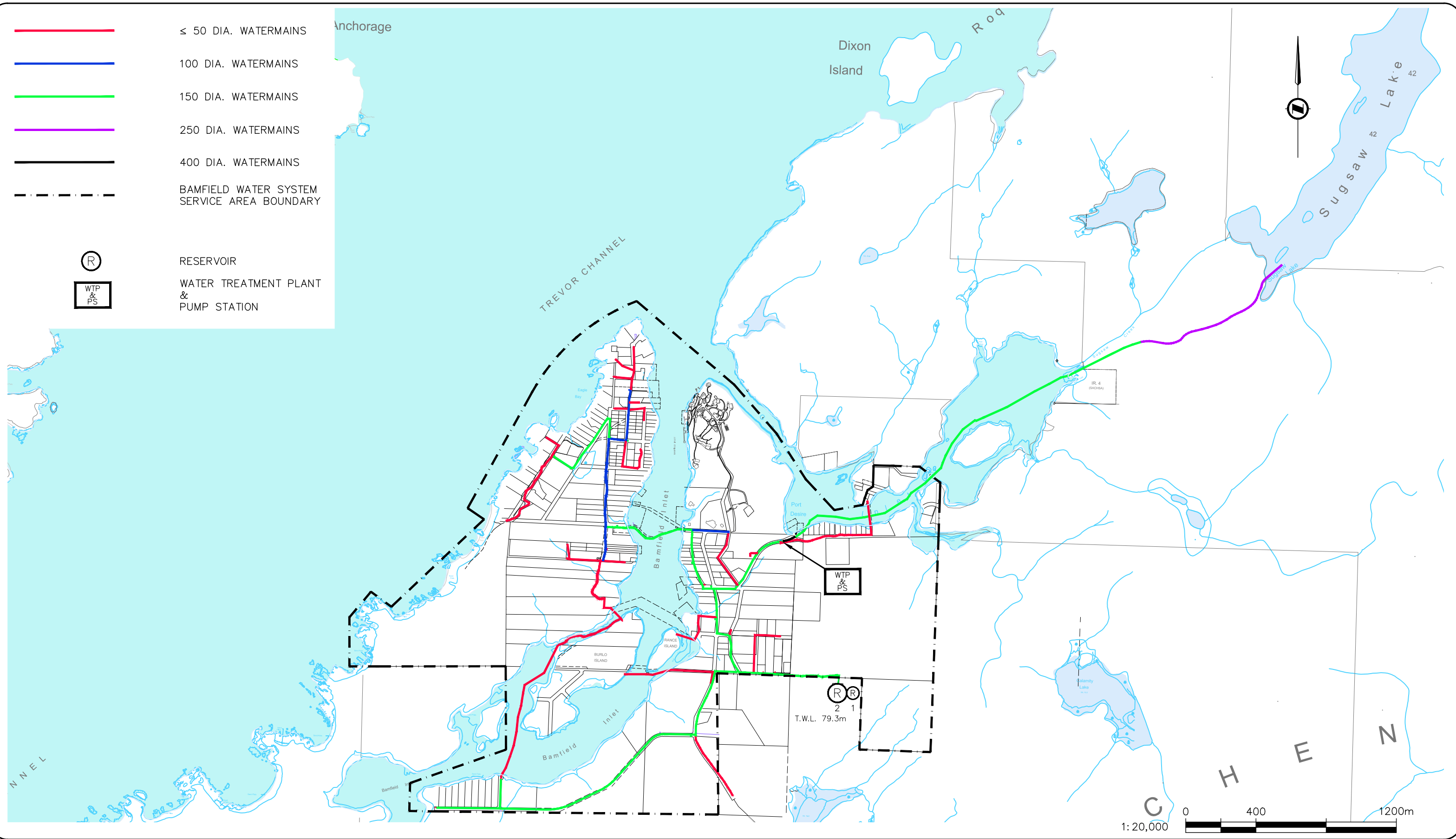
What are the other requirements for connecting to the water system?

The water application form including details on information required to be attached and costs can be found by downloading the Bamfield Water Service Application and Info Sheet on the ACRD website: <https://www.acrd.bc.ca/bamfield-water-system> or at the front counter at the ACRD Office.

Who do I contact if I have further questions?

Please contact the ACRD Operations Manager at 250-720-2703 or email ekunderman@acrd.bc.ca

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ALBERNI CLAYOQUOT REGIONAL DISTRICT

PROJECT
BAMFIELD WATER SYSTEM INFRASTRUCTURE RENEWAL & LONG RANGE PLAN

TITLE
WATER SUPPLY & EXISTING DISTRIBUTION SYSTEM

APPROVED	CH	SCALE	1:20,000
DATE	APRIL 2021	DWG No.	2072-01
PROJECT No.	2072		