

To: Electoral Area Services Committee

Date: 2018-07-10

From: Sterling Chan, Manager of Engineering and Infrastructure

File No: 1855-30

Subject: Investing in Canada Infrastructure Program -Green Infrastructure -Environmental Quality Sub-Stream

RECOMMENDATION

THAT the Fraser Valley Regional District Board direct staff to submit grant applications under the Investing in Canada Infrastructure Program – Green Infrastructure – Environmental Quality Sub-Stream intake for the following projects:

Electoral Area A: Canyon Alpine Water System Upgrades

Electoral Area B: Dogwood Valley Water System Upgrades

Electoral Area C: Electoral Area C Transfer Station Upgrades

Electoral Area D: Electoral Area D Integrated Water System Upgrades

Electoral Area F: Hatzic Prairie Water System Stream Flow Monitoring Gauges

Electoral Area G: Hatzic East Water System

Electoral Area H: Cultus Lake Sewer System Upgrades

STRATEGIC AREA(S) OF FOCUS

Provide Responsive & Effective Public Services
Support Healthy & Sustainable Community
Support Environmental Stewardship

PRIORITIES

Priority #2 Air & Water Quality
Priority #1 Waste Management

BACKGROUND

Canada and British Columbia launched the Investing in Canada Infrastructure Program (ICIP) Green Infrastructure – Environmental Quality Sub-Stream in May 2018. The intake for applications recently opened and will be closing on August 29, 2018.

Under the ICIP Green Infrastructure – Environmental Quality Sub-Stream, the federal and the provincial governments will allocate approximately \$243 million towards this program.

DISCUSSION

The ICIP Green Infrastructure – Environmental Quality Sub-Stream will fund infrastructure projects that will support quality and management improvements for drinking water, wastewater and storm water, as well as reductions to soil and air pollutants through solid waste diversion and remediation. Projects will be funded 73% by this program and 27% by the local government.

A project must meet at least one of the following outcomes to be eligible:

- Increased capacity to treat and/or manage wastewater and storm water;
- Increased access to potable water; or
- Increased capacity to reduce and/or remediate soil and/or air pollutants.

Regional Districts may submit one application per community in their area. Staff suggests submitting applications for projects in Electoral Area's A, B, C, D, F, G and H. Staff have consulted with the Area Director for Electoral Area E and have determined not to make an application for the area.

The projects scopes for grant funding applications are described below.

Electoral Area A – Canyon Alpine Water System Upgrades:

The Canyon Alpine Improvement District currently owns and operates a private water system which provides domestic water to 15 properties. Included in these properties is a mobile home park with approximately 40 units, a campground, a hotel and a restaurant. The water system was built in the late 70's and given its age is now in need of upgrades. The Canyon Alpine Improvement District has approached the FVRD to take over the system. The project being applied for would be the upgrades to the system to bring it to the FVRD's standards prior to assuming ownership.

Electoral Area B – Dogwood Valley Water System Upgrades:

The Dogwood Valley Water System provides domestic water as well as fire protection to 23 properties in Dogwood Valley as well as Yale First Nation IR8. The project proposed would provide domestic water and fire protection to an additional 15 properties and would consist of the installation of ~1,300m of watermain and 9 fire hydrants as well as service connections to each property.

Electoral Area C – Electoral Area C Transfer Station Upgrades:

The FVRD currently operates two transfer station in Electoral Area C. One is located in Hemlock Valley and the in Harrison Mills. Each of these transfer station needs to be relocated to a new site.

The Hemlock Valley Transfer Station currently consists of an unmanned 40 yard bin located next to the Hemlock Valley Fire Hall. Due to site restraints there is not currently room for a recycling or organics

collection. Furthermore, neither one of these programs can be implemented at an unmanned transfer station due to contamination issues. The project proposed for the Hemlock Valley is to relocate the transfer station to a new site. Additional bins and toters would be purchased for recycling and organics collection as well as an attendant shelter.

The Harrison Mills Transfer Station is currently located on crown land under a licence of occupation. The licence of occupation was recently extended by the Province, however, it was done so on a short term (three year) basis. The Province has indicated that further extensions may not be granted and has suggested that the FVRD plan to relocate the transfer station in the future. The project proposed for the Harrison Mills Transfer Station is to relocate the transfer station to a new site at a location agreed upon with the Province.

Electoral Area D – Area D Integrated Water System Upgrades:

The FVRD was recently approached to expand the Area D Integrated Water System to provide service to properties on McGregor Rd. Staff conducted a survey of the 23 property owners in the area and received 14 responses back. Of those responses 13 were in favor of extending water to the area. The project proposed consists of the installation of ~1,300m of watermain and 9 fire hydrants as well as service connections to each property.

Electoral Area F – Hatzic Prairie Water System Stream Flow Monitoring Gauges:

The FVRD recently installed a new supply well as part of a series of upgrades planned for the Hatzic Prairie Water System. In accordance with the *Water Sustainability Act* the FVRD is required to obtain a water license for ground water extraction. Staff have been notified by the Province that in order to obtain a ground water license an Environmental Flow Needs Assessment Study must be conducted, which will require stream flow monitoring gauges to be installed on several nearby creeks. The proposed project is for the purchase and install of the required gauges.

Electoral Area G – Hatzic East Water System:

The proposed Eagle Road Water System would provide domestic water and fire protection to approximately 70 properties in the Eagle Rd/Sylvester Rd corridor in Electoral Area G. Grant funding under the New Build Canada was previously obtained to help finance this project. Unfortunately even with the grant funding received to date the average cost per property was \$2,000 per year and attempts to establish a service area have been unsuccessful. The proposed project would be to obtain supplemental grant funding for the components of the project not covered by the New Build Canada program.

Electoral Area H – Cultus Lake Sewer System Upgrades:

The FVRD recently conducted a referendum for the residents of Cultus Lake to determine whether or not to proceed with a project to construct a new Class A+ sewage treatment plant to replace the existing sewage disposal site which is currently failing. The referendum passed and the FVRD has been

authorized to borrow up to 6.5 million dollars to complete the project. The proposed project would be to apply for grant funding to cover a portion of the cost of the new sewage treatment plant.

COST

At this point there is no cost to FVRD. Applications for funding must demonstrate that the local 27% share of funding has been or is being secured through reserve funds or other means.

COMMENTS BY:

Tareq Islam, Director of Engineering & Community Services

Unavailable for comment.

Mike Veenbaas, Director of Financial Services

Reviewed and supported.

Paul Gipps, Chief Administrative Officer

Reviewed and supported.