

COMOX NO. 2 PUMP STATION

Project Update



CONTRACT AWARDED FOR NEXT STEP ON PROJECT PLANNING

A key role in the Comox 2 Pump Station planning/design process has been filled.

At the January sewage commission meeting, the award for Owner's Engineer (OE) on the project was awarded to Opus International Consultants (Canada) Ltd., following a competitive process that resulted in five submitted proposals.

"This is a key stage in the project as the CVRD, with Opus, will lay out its expectations for a successful project," said Director Barbara Price, chair of the sewage commission.

Residents in the Croteau Beach neighbourhood will see increased activity as part of the investigation work required at this stage of the project, including survey work, geotechnical assessment on the site, and test drills conducted in the area for additional groundwater review being undertaken by GW Solutions.

The OE is a key role in the design-build (DB) process that is being used to deliver the Comox 2 Pump Station project. Under the DB model, a single bid team is responsible for the design and construction of a project (as opposed to the traditional design-bid-build model that would see separate procurement processes for each stage). This can result in cost savings, schedule reductions, and focuses any construction risks to a single contractor.

The award granted in January is for the pre-implementation phase. A key takeaway for this phase will be the indicative design technical memorandum. This document will include a Class B cost estimate (to be within 15-25 per cent) and an updated project schedule. If Opus performs well and no red flags are identified, they could be offered subsequent phases as the OE (see phases in sidebar).

Read more about the proposal process in the staff report, posted to the 'Reports and Studies' page here: comoxvalleyrd.ca/comox2pumpstation

Phases for Owner's Engineer (OE)

The work of the OE will be completed in four phases:

- 1. Pre-Implementation** (Jan - Jun 2017):
 - Assess/identify any potential red flags for Beech Street site that could impede construction (ie: geotechnical review & further water assessment).
 - Develop a cost-effective solution for decommissioning of the Willemar Bluff section of pipe.
 - Develop a design and construction plan for the project that minimizes impact of construction and operation on the surrounding community.
- 2. Implementation** (Jul 2017 - Mar 2018)
 - Design-build (DB) contract awarded. Facility design developed, construction plan completed.
- 3. Construction** (Est. Feb 2018 - Mar 2019)
- 4. Post-construction** (Apr 2019 - onward)

COLLECTING DESIGN INPUT KEY STEP TO COME THIS SPRING

With the Owner’s Engineer (OE), Opus, set to begin work on the pre-implementation phase of the Comox 2 Pump Station project, there’s opportunity for the community to help shape the standards and expectations regarding design of the new facility. In order to collect that feedback, the CVRD will host a series of workshops this spring and gather thoughts on the appearance of the facility.

“Each neighbourhood is unique - and making sure that the appearance of

the facility fits the character of the neighborhood is critical to addressing concerns for the community,” said Kris La Rose, P. Eng., senior manager water & wastewater for the CVRD.

Residents in the neighbourhood should watch for more information about upcoming sessions in the coming month. If you would like to ensure you’re notified, please email comox2pumpstation@comoxvalleyrd.ca to be added to the project email list.



HMCS QUADRA PIPE WORK SET TO BEGIN

Beginning this spring, an aging pipe currently crossing the Comox estuary to service HMCS Quadra will be replaced with one following the Goose Spit roadway. The pipe will be installed up the Hawkins Road hill to connect to the Town of Comox forcemain at Croteau Road.

An open house was held in January and the

CVRD heard questions about next steps and potential alternatives. A full Q&A report will be shared on the project’s website once completed. Updates about construction will be shared with the neighbourhood as available.

More info is available on the CVRD’s website: comoxvalleyrd.ca/hmcsquadra

Beach work complete

Interim protection measures on the sewer forcemain located along Balmoral Beach (Willemar Bluffs) was completed in December as per schedule. The work provides additional protection to the pipe which is at risk due to the wave erosion – a risk that was highlighted in an assessment completed by Northwest Hydraulic Consultants last fall. The need to decommission this portion of line is a key driver for the Comox 2 Pump Station project.

Next Steps

<p>February 2017</p>	<p>Request for Proposals for Condition Assessment Posted</p> <p>Award for condition assessment of existing forcemain along Comox foreshore expected to be granted in March, with work complete by June.</p>	
<p>March - May 2017</p>	<p>Design Workshops: Collect Feedback</p> <p>Workshops to be held in spring to collect input/comments from the community about design and aesthetics of the proposed facility.</p>	
<p>June 2017</p>	<p>Pre-Implementation Phase Complete</p> <p>The initial results of Opus’ work will be complete, including assessment of any ‘red flags’ to the Beech Street site, improved cost estimate and updated schedule. Results of this assessment will be shared with the public and will inform decisions on next steps for the project.</p>	

Thank you for reading this update about the Comox No. 2 Pump Station Project. This newsletter is produced by the Comox Valley Regional District (CVRD) and will be released six times a year, or more regularly as needed.

To review additional information about the project:

www.comoxvalleyrd.ca/comox2pumpstation

@comoxvalleyrd

To provide comments/feedback/questions:

Email: comox2pumpstation@comoxvalleyrd.ca

Phone: 250-334-6056

Please email to be added to the mailing list.

