

## Wastewater Treatment Project

The Wastewater Treatment Project will provide tertiary treatment for wastewater from the core area municipalities of Victoria, Esquimalt, Saanich, Oak Bay, View Royal, Langford and Colwood, and the Esquimalt and Songhees First Nations. The Project will be built so we comply with federal regulations by the end of 2020, and is being funded by the Government of Canada, the Government of British Columbia and the CRD.

## Upcoming Community Information Open Houses in November

Construction is underway on the McLoughlin Point Wastewater Treatment Plant and cross-harbour undersea pipe. Construction of the following project components will begin in 2018:

- Clover Forcemain
- Clover Point Pump Station
- Macaulay Point Pump Station
- Residual Solids Conveyance Line
- Residuals Treatment Facility

The Wastewater Treatment Project team will hold a series of open houses in November in Saanich, Esquimalt and Victoria to provide an update on these project components. The open houses are a drop-in format to provide flexibility for busy schedules. Come by any time during the meeting times to review updated project information, find out about upcoming construction activities and timing in your area, meet project team members, and ask questions about the project.

### SAANICH

**Wednesday, November 15, 5 – 8 p.m.**

St. Joseph the Worker Parish Hall  
753 Burnside Road West

**Saturday, November 18, 10 a.m. – 1 p.m.**

Prospect Lake Community Hall  
5358 Sparton Road

### ESQUIMALT

**Wednesday, November 22, 5 – 8 p.m.**

Royal Canadian Legion, Esquimalt Branch  
622 Admirals Road

### VICTORIA

**Monday, November 27, 5 – 8 p.m.**

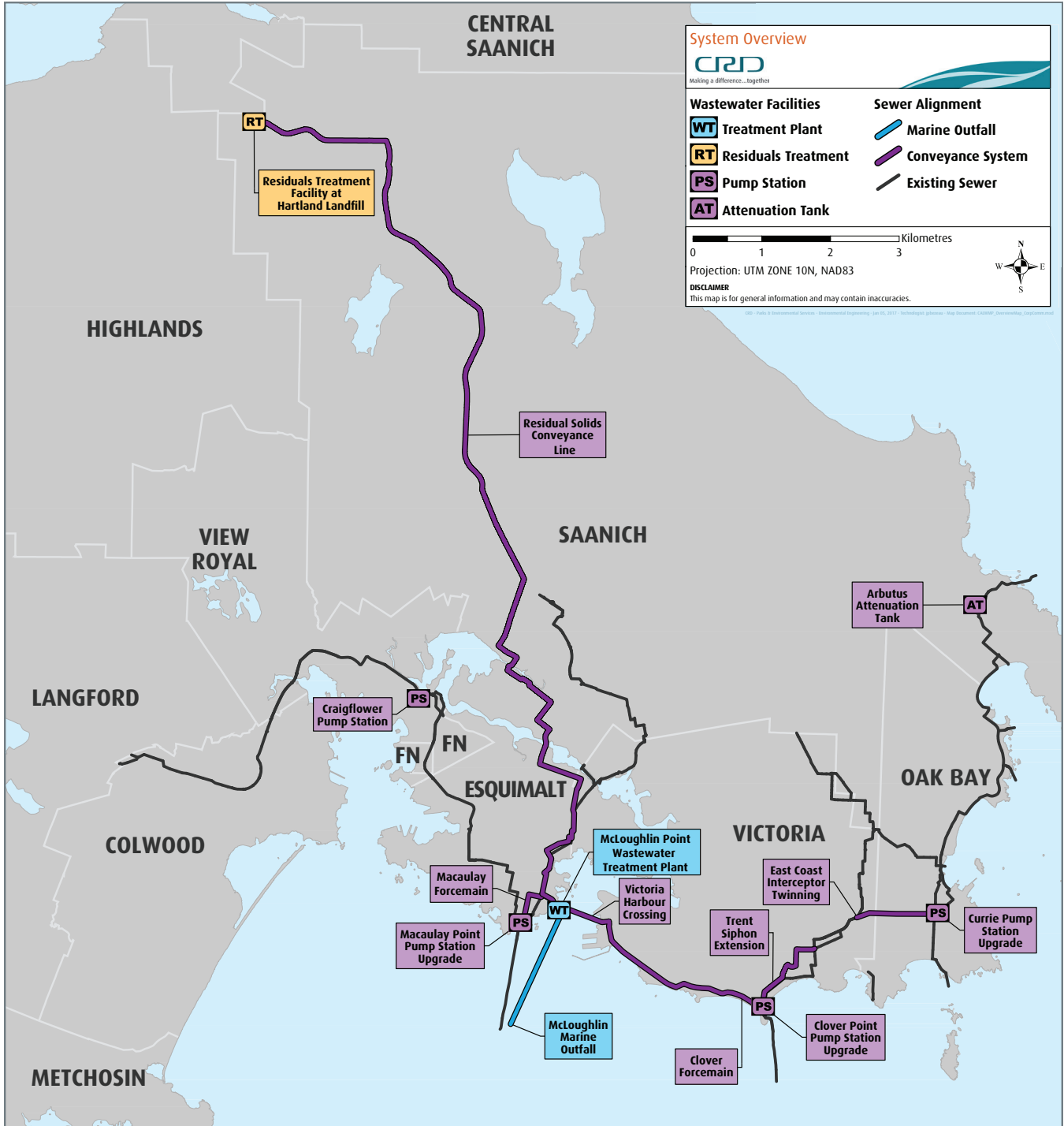
Victoria Conference Centre  
720 Douglas Street

### WILLIS POINT

Meeting details are being confirmed; please check [wastewaterproject.ca](http://wastewaterproject.ca) for updates.



*Artist rendering of the McLoughlin Point Wastewater Treatment Plant*



Map of Wastewater Treatment Project components



*Excavation at McLoughlin Point is underway as crews prepare the site for the construction of the new McLoughlin Point Wastewater Treatment Plant.*

## Talking about Treatment

The Wastewater Treatment Project includes three main elements, which in combination will provide tertiary treatment to the core area’s wastewater.

### **McLOUGHLIN POINT WASTEWATER TREATMENT PLANT**

Located at McLoughlin Point, the wastewater treatment plant will provide tertiary treatment to the core area’s wastewater.

### **RESIDUALS TREATMENT FACILITY**

Residual solids from the wastewater treatment plant will be piped to Hartland Landfill, where they will be turned into what are known as Class A biosolids, a high quality by-product treated such that it is safe for further use.

### **CONVEYANCE SYSTEM**

The conveyance system refers to the “pumps and pipes” of the Wastewater Treatment Project. This system will carry wastewater from across the core area to the treatment plant, and carry residual solids from the wastewater treatment plant to the Residuals Treatment Facility.

## Residual Solids Conveyance Line

The Residual Solids Conveyance Line (RSCL) is one of the components of the Wastewater Treatment Project. It includes two pipes and four or five pumping stations. The first pipe will transport residual solids from the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility. The second pipe will return the liquid removed from the residual solids to the wastewater treatment plant for further treatment.

It is anticipated that the design for the RSCL will be finalized in spring 2018, and construction will begin in summer 2018. For information on the RSCL, including a map, please visit [wastewaterproject.ca](http://wastewaterproject.ca).

## What is a forcemain?

A forcemain is a pipe through which liquids (water or wastewater) are moved under pressure.

## Are there other types of pipes?

Gravity lines are used where the elevation allows gravity alone to transport the water or wastewater.

## What is a pump station?

Pump stations are used to move wastewater from a lower to a higher elevation. Wastewater is fed into and held in a wet well inside the pump station. When it reaches a certain level, the pump lifts the wastewater through a pipe system, then it travels through a forcemain.



## What is the difference between the Wastewater Treatment Project and the Integrated Resource Management (IRM) Planning Process?

The Wastewater Treatment Project includes a Residuals Treatment Facility, which will produce Class A biosolids. The beneficial reuse of those biosolids will be determined by an entirely separate planning process which is being run by the Integrated Resource Management Advisory Committee of the CRD Board. This IRM process is still in the planning stage and the CRD is committed to engaging with the Province, First Nations and the public as more information becomes available. In contrast, the Wastewater Treatment Project is now in the implementation stage as it must be completed by December 31, 2020 to meet provincial and federal regulations for the treatment of the core area's wastewater.

### 3 WAYS TO KEEP INFORMED ABOUT THE WASTEWATER TREATMENT PROJECT

#### **PROJECT WEBSITE** [wastewaterproject.ca](http://wastewaterproject.ca).

It is regularly updated with new information, including construction bulletins, media releases, and reports. A "Community Questions" section on the website provides answers to commonly-asked project questions and is frequently updated.

#### **24-7 PROJECT INFORMATION LINE**

**1.844.815.6132**

Residents can call to receive information or report a concern.

#### **EMAIL ADDRESS** [wastewater@crd.bc.ca](mailto:wastewater@crd.bc.ca).

Submit inquiries or let us know you are interested in being on a distribution list to receive construction notices.

## Wastewater Treatment Project Community Engagement Summary

OCTOBER 2016 – SEPTEMBER 2017

**46**

meetings with municipalities (Mayors, Councils, and staff)

**23**

meetings with community associations and community events

**289**

responses to email inquiries

**24**

meetings with funding agencies (federal government, P3 Canada, Infrastructure Canada, provincial government)

**15**

meetings with stakeholders (such as the Department of National Defence, Tourism Victoria and Greater Victoria Harbour Authority)

**74**

responses to phone inquiries

### For More Information

**Website:** [wastewaterproject.ca](http://wastewaterproject.ca)

**Email:** [wastewater@crd.bc.ca](mailto:wastewater@crd.bc.ca)

**24-7 Project Information Line:** 1.844.815.6132