

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 Nations. The Project will be built to comply with federal regulations by December 31, 2020.

Construction Updates

NIAGARA STREET PIPE ASSEMBLY AND PIPE PULL

The Wastewater Treatment Project reached a key milestone with the installation of the undersea cross-harbour pipe from Ogden Point to McLoughlin Point, ahead of schedule. The pipe will transport wastewater from the Clover Point Pump Station to the McLoughlin Point Wastewater Treatment Plant for tertiary treatment.

For a six-week period Niagara Street in James Bay was closed to vehicle traffic and used as a staging area for the assembly of a 940-metre-long pipe before it was pulled through a tunnel under the harbour to McLoughlin Point in Esquimalt. The tunnel under the harbour was drilled using a process called horizontal directional drilling, which began in July 2017.

Beginning the first week of March 2018, 78 sections of 12-metre-long pipe were welded together and moved into place along five blocks of Niagara Street from South Turner Street to St. Lawrence Street. Once the pipe was assembled, the pipe pull took place over three days. It took six cranes and four sidebooms to lift the pipe to thread it into the tunnel at Ogden Point. The pipe reached the McLoughlin Point side on April 19, 2018.

The Project Team thanks the residents of Niagara Street and James Bay for their patience during the construction work at Ogden Point and on Niagara Street.



Niagara Street Engagement

1881

help tent visits

28

emails

105

phone calls

2

community meetings



McLOUGHLIN POINT WASTEWATER TREATMENT PLANT

The McLoughlin Point Wastewater Treatment Plant has been under construction since June 2017. Site preparation, blasting and excavation are now complete, and construction of the tsunami and planter walls and installation of the foundation piles is ongoing. Pouring concrete for the building structures is now underway.

MACAULAY POINT PUMP STATION AND FORCEMAIN

Construction of the new Macaulay Point Pump Station and Forcemain is anticipated to begin in late spring 2018. The pump station will pump wastewater to the McLoughlin Point Wastewater Treatment Plant through the Forcemain, which is the pipe that will connect this pump station to the treatment plant. The Forcemain will be installed in segments along existing roadways to minimize impacts to residents. The waterfront trail will remain open during construction and operations. A community meeting was held in March 2018 to provide information about construction activities and timing.

CLOVER POINT PUMP STATION

The Clover Point Pump Station is being upgraded and expanded to pump wastewater to the McLoughlin Point Wastewater Treatment Plant. Construction at the Clover Point Pump Station began in February 2018. There are two fenced-in areas for construction activities. Access to the parking and seawall will remain open during construction and operations.

CLOVER FORCEMAIN

The Clover Forcemain is a pipe that will run from the Clover Point Pump Station to Ogden Point where it will connect with the recently completed cross-harbour pipe. It will allow wastewater collected at Clover Point Pump Station to be pumped to the McLoughlin Point Wastewater Treatment Plant for treatment. Construction is anticipated to begin in late summer 2018. A community meeting will be held before construction starts to provide information about construction activities and timing.

RESIDUALS TREATMENT FACILITY

The Residuals Treatment Facility will be located at the Hartland Landfill in Saanich. It will treat residual solids produced at the McLoughlin Point Wastewater Treatment Plant, and turn them into Class A biosolids suitable for beneficial use. Early work has begun on the facility, including site survey and layout, installation of site office trailers and facilities, on-site geotechnical investigations, and coordination with utility agencies. Construction is anticipated to begin in late spring 2018.

RESIDUAL SOLIDS CONVEYANCE LINE

The Residual Solids Conveyance Line includes two pipes and up to four small pump stations that will connect the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility to be constructed at Hartland Landfill. Construction is anticipated to begin in late summer 2018. Community meetings will be held before construction starts to provide information about construction activities and timing.

Community Engagement Summary

OCTOBER 2017 – APRIL 2018

286

responses to phone inquiries

88

responses to email inquiries

59

meetings with community associations, municipalities, and stakeholders

7

public open houses



Meet a Member of Our Team

The Esquimalt and Songhees Nations are partners with the CRD for the Wastewater Treatment Project. In this update, we are pleased to introduce you to Florence.

FLORENCE DICK, SONGHEES NATION LIAISON



Florence works as the Songhees Nation Liaison to the Wastewater Treatment Project.

ABOUT FLORENCE

Florence is passionate about her Nation. She describes herself as a “People Mover” and focuses her work on the betterment of people. To her it’s not about just doing something, but making sure it is something that is better for the next generation. She has worked on projects with the Greater Victoria Harbour Authority and was part of the group that organized the building of the Songhees Wellness Centre.

The best part of the job for Florence is building her office skills and learning more about the Project. For Florence, it’s an honour to be chosen by the Chief for this job as it shows she has the skills and confidence of her Nation.

STORIES OF THE LANDS

Some of the lands the Wastewater Treatment Project is being built on (McLoughlin Point, Macaulay Point, Clover Point, and Ogden Point) are significant to the Songhees Nation and each has a different meaning. These are their ancestors’ lands and each area contained important resources.

For example, the land from Clover Point to Ogden Point was a defensive location and a lookout to watch for tribes coming from the north to attack. The bluffs used to extend all the way between the two points, so there was no spot to land. Today, elders go to this area to maintain their cultural connection to the land where their ancestors have already walked.

It is important to the Songhees that people know what’s behind the lands and the importance of the cultural connection to the lands. Every four years, the Songhees acknowledge their ancestors and the lands in a Burning Ceremony.

STAY INFORMED

PROJECT WEBSITE wastewaterproject.ca.

The Project website is regularly updated with new information, including construction notifications, and answers to frequently-asked questions.

24-7 PROJECT INFORMATION LINE

1.844.815.6132

Residents can call the information line 24/7 to receive information or report a concern.

EMAIL ADDRESS wastewater@crd.bc.ca.

Please send us an email if you have a question or would like to receive Project updates and construction notices.

For More Information

Website: wastewaterproject.ca

Email: wastewater@crd.bc.ca

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