

Wastewater Treatment Project

With six components of the Wastewater Treatment Project now under construction, we made significant progress towards our goals in 2018 and are well on track to meet federal and provincial regulations for treatment by the end of 2020. Significant construction activity throughout the region continues in 2019 including pipe installation continuing along Dallas Road for the Clover Forcemain and the beginning of work on the Residual Solids Conveyance Line in Esquimalt, Victoria and Saanich. Our website will be updated throughout construction so that you can find the latest construction updates in the “Current Construction Activities” section.

Construction Updates

DALLAS ROAD CONSTRUCTION

The Project includes the construction of a pipe which will transport wastewater from the Clover Point Pump Station to the McLoughlin Point Wastewater Treatment Plant for tertiary treatment. This pipe (called the Clover Forcemain) will run along Dallas Road from Clover Point to Ogden Point, where it will connect to the recently completed Victoria cross-harbour undersea pipe.

The contract for the Clover Forcemain was awarded to Windley Contracting Ltd., a Vancouver Island-based company. Construction activities on Dallas Road began in October 2018 with archaeological work and utility relocations. The installation of the pipe began in January 2019 at both the Ogden Point and Clover Point ends of the pipe. The pipe is being installed in 100m segments to minimize impacts to residents and the many users of Dallas Road.

CLOVER POINT PUMP STATION

The expansion of the Clover Point Pump Station has been under construction since February 2018. Excavation was completed in 2018 with concrete pouring now underway and will continue in 2019 along with installation of pumping equipment.



The 1.2m diameter Clover Forcemain is being lowered into the trench near Clover Point. There will be single lane alternating traffic on Dallas Road during construction.

MCLOUGHLIN POINT WASTEWATER TREATMENT PLANT

Construction at McLoughlin Point began in June 2017. Excavation was completed in 2018 and the site changes daily as concrete pouring continues in 2019 and walls rise above the ground.

MACAULAY POINT PUMP STATION

Site preparation for the Macaulay Point Pump Station is complete, and a crane has been erected on site. Concrete pouring will continue for six months and the installation of the forcemain connecting the pump station to the McLoughlin Point Wastewater Treatment Plant will begin this spring.

RESIDUALS TREATMENT FACILITY

Site preparation at the Residuals Treatment Facility, including excavation, backfilling and compacting started in 2018. Next steps in 2019 will include pouring concrete for the foundations and work on the structures, as well as procurement of major equipment.

RESIDUAL SOLIDS CONVEYANCE LINE

The contract for the Residual Solids Conveyance Line was awarded to local company Don Mann Excavating in November 2018.

Utility location is underway and installation of the pipes began in February with multiple crews working in different locations along the route to complete the work within approximately 18 months. The pipes will be installed in segments, with each segment requiring excavation of the trench, laying the pipe, backfilling, and restoring the surface. There will be single lane alternating traffic in each work zone.



Construction of concrete walls at the McLoughlin Point Wastewater Treatment Plant.

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 is being built to meet federal and provincial regulations for treatment by December 31, 2020 and is being funded by the Government of Canada, the Government of British Columbia and the CRD.

Engagement Summary

The key focus of communication and engagement activities is to keep residents and stakeholders informed of Project plans, progress, and construction information, as well as to receive and respond to questions raised by the community.

In 2018, the Project Team held nine open houses in Saanich, Esquimalt and Victoria to provide information about construction plans, impacts, and timing and to provide an opportunity for people to meet and ask questions of the Project Team. Construction notices were also hand delivered, emailed and posted to the Project website.

We will continue to update our website. Please check the “Current Construction Activities” section for the latest construction updates. Construction photos are posted at [flickr.com/photos/crdwastewaterproject](https://www.flickr.com/photos/crdwastewaterproject)

We appreciate hearing from you. Please email wastewater@crd.bc.ca or call us on our 24-7 project information line, **1.844.815.6132**.

2018 COMMUNITY ENGAGEMENT SUMMARY



394

responses to phone inquiries



195

responses to email inquiries



80

meetings with community associations, municipalities and stakeholders



9

public open houses



47

construction notices



Public Open House at Cook Street Village Activity Centre.



Construction of a digester at the Residuals Treatment Facility.

Meet a Member of the Project Team

KELLY OLSEN, SAFETY MANAGER

Kelly Olsen is the Safety Manager for the Wastewater Treatment Project and she reviews the safety plans and practices of the prime contractors at all of the project sites. Conducting site visits and weekly safety inspections is just one aspect of her daily tasks as Kelly also organizes coordination meetings to bring all the teams together.

Safety is the number one priority for the Project. Each meeting for the Project begins with a safety moment, keeping safety at the forefront of everything we do and providing an opportunity to be mindful about the importance of safety. Each site holds Toolbox Talks to review the hazards of the day and the control measures and actions in place to ensure safety is at the top of everyone's mind. Site conditions change daily so this is an important part of each day.

Kelly brings to the Project 30 years of experience in the construction industry as a safety consultant. She also performs external audits for the BC Construction

Safety Association for the Certification of Recognition Program. In her time off, Kelly enjoys her farm and raises and shows Quarter Horses on a competitive level in Canada and the United States. She is also the proud grandmother of two.



Aerial view of construction progress at the Macaulay Point Pump Station.

For More Information

Website: wastewaterproject.ca

Email: wastewater@crd.bc.ca

24-7 Project Information Line: 1.844.815.6132