

Grange Road Update

The Wastewater Treatment Project has responded to residents’ concerns about the potential loss of trees and has found a way to construct the Residual Solids Conveyance Line (RSCL) that doesn’t require the removal of any trees on Grange Road. The pipe will now be installed along the west side of the street.

The Project Team has worked with a professional arborist to adjust the route and the arborist will be on site during construction to evaluate the existing tree health and any impacts to roots as a result of construction.

CONSTRUCTION INFORMATION

Work on Grange Road is anticipated to begin early in the new year. The original alignment (on the east side of Grange Road) was selected to allow the pipe to be laid within an existing rock trench.

To preserve trees we have shifted the alignment to the west side of the street, and rock will therefore need to be cleared by blasting or mechanical machinery. The Project Team will work to minimize construction impacts and maintain two-way traffic wherever possible; however, sections of Grange Road may need to be closed for portions of construction. Notice of any required road closures will be provided to residents in advance. Work hours may be longer for this section to reduce the duration of construction impacts.



Grange Road

BACKGROUND

The alignment of the RSCL was developed in 2014 based on technical, environmental, social and economic considerations and included input from Saanich, Esquimalt and Victoria. Grange Road was identified as part of the route for a number of reasons:

- it’s the shortest route from the McKenzie Interchange to Interurban;
- it avoids busy commuter routes;
- the pipe can be installed in the municipal right of way; and
- it’s the lowest cost.

The Project Team works with each municipality on the location of where to install the pipes within the road right of way. The Project Team will continue to coordinate with the District of Saanich as construction progresses.

The District of Saanich will be undertaking a separate consultation with residents to seek input on improvements to the sidewalk.

ABOUT THE PROJECT

The Wastewater Treatment Project is being built to 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 to meet federal and provincial regulations by December 31, 2020.



Wastewater Treatment Project

Treated for a cleaner future

Residual Solids Conveyance Line

The Residual Solids Conveyance Line is part of the Wastewater Treatment Project. It includes two pipes and three small pump stations connecting the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility at Hartland Landfill.

Pipe installation is anticipated to begin in January. Don Mann Excavating Ltd. has been selected to complete this work and construction is anticipated to take 18 months and be complete spring 2020.

The first pipe will be 250mm (10 inches) in diameter and 19.3km long and will transport residual solids from the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility for treatment.

The second pipe will be 300mm (12 inches) in diameter and 12.4km long and will return the liquid removed from the residual solids during the treatment process at the Residuals Treatment Facility to the Marigold Pump Station, from where it will be returned to the McLoughlin Point Wastewater Treatment Plant through the existing conveyance system.

The pipe will be installed in segments within existing road rights of way. It will be constructed in accordance with a traffic management plan to minimize impacts to vehicle traffic, cyclists and pedestrians, including measures to minimize work hours at busy intersections the route crosses to accommodate commuter traffic. There will be single lane alternating traffic with signage and flaggers directing traffic as required. Any temporary impacts to driveway access and parking during work hours will be coordinated in advance.



SYSTEM OVERVIEW

WASTEWATER FACILITIES

- WT** TREATMENT PLANT
- PS** PUMP STATION
- PS** SMALL PUMP STATION

SEWER ALIGNMENT

- RESIDUAL SOLIDS CONVEYANCE LINE
- RETURN LINE

For More Information

Website: wastewaterproject.ca

Email: wastewater@crd.bc.ca