

Residual Solids Conveyance Line

The Residual Solids Conveyance Line is part of the Wastewater Treatment Project. It includes two pipes along with four or five pumping stations. The two pipes will connect the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility at Hartland Landfill and will be installed in a common trench where possible. Though the design is not complete it is anticipated that a common trench will be used along the majority of the route.

The first pipe will be 200mm wide and 18.5km 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 350mm wide and 11.5km long, and will return the liquid removed from the residual solids during the treatment process to the Marigold Pump Station, from where it will be returned to the McLoughlin Point Wastewater Treatment Plant through the existing conveyance system.

Background

In 2014, alignment options were developed based on technical, environmental, social and economic considerations. The options were evaluated by the CRD, with input from the District of Saanich and Township of Esquimalt, and a preferred alignment was selected.

The evaluation of the alignment has since been reviewed and validated by the Wastewater Treatment Project team in consultation with the municipalities of Saanich, Esquimalt and Victoria.

Favourable considerations for the route include:

- shortest of all alignments
- power available at pump station locations
- good maintenance access
- no impact on wildlife habitat
- lowest capital, operating and maintenance costs

The Wastewater Treatment Project team is working with the municipalities of Saanich, Esquimalt, and Victoria to ensure technical issues related to the alignment are addressed and, where possible, to coordinate municipal works with construction of the Residual Solids Conveyance Line.

It is anticipated that the design will be finalized in spring 2018. The construction schedule will begin in summer 2018, and is expected to take approximately two years to complete.

Public Information Open Houses

The Project Team will hold four community information open houses in November to share the alignment for the Residual Solids Conveyance Line and the anticipated location of pump stations.

While the route is close to final, it is still subject to input from communities and feedback we receive during the November meetings will be considered, along with other technical and financial considerations, in finalizing the design.

For details on the community information open houses please visit: wastewaterproject.ca

About the 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 Wastewater Treatment 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.



For More Information

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