



August 09, 2017

## Wastewater Treatment Project: Residual Solids Conveyance Line

The Wastewater Treatment Project is being built to meet the provincial and federal regulations for treatment of the Core Area's wastewater by December 31, 2020.

The Project consists of three components:

1. A 108 megalitre per day tertiary treatment plant at McLoughlin Point in Esquimalt;
2. A conveyance system for piping the wastewater to the plant and the residual solids to the Residuals Treatment Facility at Hartland Landfill; and
3. A Residuals Treatment Facility at Hartland to produce Class A biosolids.

The Residual Solids Conveyance Line includes two pipes along with four or five pumping stations. The two pipes will be installed in a common trench where possible and will connect the McLoughlin Point Wastewater Treatment Plant to the Residual Solids Facility at Hartland Landfill. The first pipe will be 200mm wide, 18.5km long, and will transport residual solids from the McLoughlin Point Wastewater Treatment Plant to the Residuals Treatment Facility. The second pipe will be 350mm wide, 11.5km long, and will return the liquid removed from the Residual Solids during the treatment process to the Marigold pumping station which will then be directed to the Wastewater Treatment Plant through the existing collection system.

The Wastewater Treatment Project Team is currently establishing a process for communications and engagement in Saanich that will include working with community associations and/or the Saanich Community Association Network.

The Project Team anticipates holding information meetings in Saanich in the fall of this year. The Project Team plans to coordinate these meetings with staff from the District of Saanich and the Saanich Community Advisory Network as well as Willis Point, Todd Creek and Peninsula Streams. The purpose of these meetings will be to share the indicative design for the Residual Solids Conveyance Line pipe alignment (including the anticipated location of the pump stations) and to seek public input that could be considered, along with technical and financial considerations, in finalizing the design.

Before and during the construction phase of the Residual Solids Conveyance Line the Project Team will engage with nearby communities as we plan communications activities and develop plans to mitigate construction impacts. The team will also provide information about communications tools and seek feedback about the most effective ways to communicate with Saanich communities during construction.

The Project Team has discussed with District of Saanich staff the establishment of a Saanich Community Liaison Committee. It is anticipated that a Saanich Liaison Committee would be made up of members of Saanich community associations, and/or the Saanich Community Association Network. The Project Team anticipates establishing this committee by the end of this year prior to construction in the spring of 2018.



## Preliminary field study work anticipated to start August 21

The Wastewater Treatment Project Team is currently working with the municipalities of Saanich, Esquimalt, and Victoria on the route of the Residual Solids Conveyance Line. Preliminary geophysical and geotechnical work will provide additional information about the subsurface conditions along the proposed route. This information will assist in developing the indicative design and alignment of the Residual Solids Conveyance Line. You will find a map on the last page of this notice that outlines the locations for the geophysical and geotechnical work.

Subject to receiving the necessary permits, the geotechnical work is anticipated to begin on the week of August 21 and will take approximately six weeks to complete depending on the weather. A truck mounted drilling rig will be used to drill approximately 70 boreholes along the proposed route of the Residual Solids Conveyance Line. The estimated duration for drilling each borehole is approximately 2-3 hours. The actual duration could extend longer depending on the soil conditions encountered during the drilling operation.

Concurrently, the Wastewater Treatment Project Team will also be conducting geophysical work along certain sections of the proposed route. This work is part of the preliminary planning work and will be used to identify the bedrock profile along areas on Interurban Road, Interurban Trail, and Willis Point Road where shallow bedrock may be encountered.

### Hours of work

- 8 a.m. to 6 p.m. seven days a week
- Hours will be reduced on weekdays in higher traffic volume areas

### Traffic impacts

- Temporary single lane closures\*
- Flaggers will be on site for traffic control

\* Labour Day weekend - no work be conducted on Labour Day weekend

Construction of the Residual Solids Conveyance Line is anticipated to begin in the second quarter of 2018.

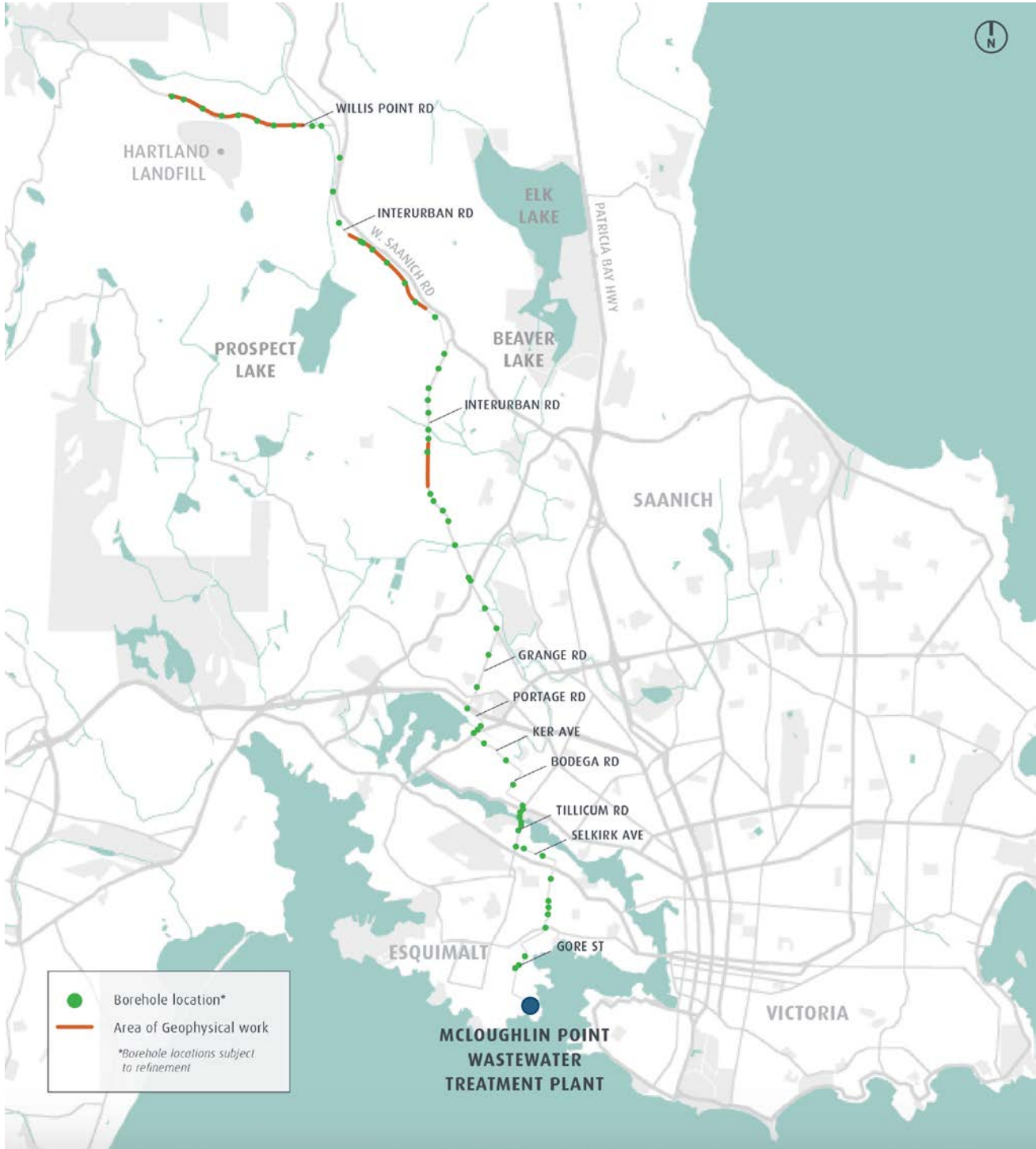
For more information on the Wastewater Treatment Project you can go online to [wastewaterproject.ca](http://wastewaterproject.ca) or contact us through email at [wastewater@crd.bc.ca](mailto:wastewater@crd.bc.ca) or phone our 24-7 Project Information Line 1.844.815.6132.

## 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.

To learn more about the Wastewater Treatment Project, or to sign up for construction updates, please visit [wastewaterproject.ca](http://wastewaterproject.ca). To contact the project, please email [wastewater@crd.bc.ca](mailto:wastewater@crd.bc.ca) or call 1.844.815.6132.

Map of proposed areas of geotechnical and geophysical work:



To learn more about the Wastewater Treatment Project, or to sign up for construction updates, please visit [wastewaterproject.ca](http://wastewaterproject.ca). To contact the project, please email [wastewater@crd.bc.ca](mailto:wastewater@crd.bc.ca) or call 1.844.815.6132.