

Welcome to the Wastewater Treatment Project Newsletter

This newsletter will give you an overview of the Capital Regional District's Wastewater Treatment Project, and let you know how you can stay informed or contact the Project. There is also lots of information on our website: wastewaterproject.ca

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 Project is approved and now entering the construction phase. The first phase of work will begin in May 2017 on the McLoughlin Point Wastewater Treatment Plant and the cross-harbour undersea pipe between Ogden Point and McLoughlin Point.

The Project consists of three main elements:

McLoughlin Point Wastewater Treatment Plant

Located at McLoughlin Point in Esquimalt, the treatment plant will provide tertiary treatment to the core area's wastewater.

Residuals Treatment Facility

Residual solids from the wastewater treatment plant will be piped to a Residual Treatment Facility Hartland Landfill, where they will be turned into what are known as "Class A" biosolids. These biosolids are a high quality by-product treated such that it is safe for further use.

Conveyance System

The conveyance system refers to the 'pumps and pipes' of the Wastewater Treatment Project. This system will carry wastewater from across the core area to the treatment plant, and residual solids to the Residuals Treatment Facility at Hartland Landfill.

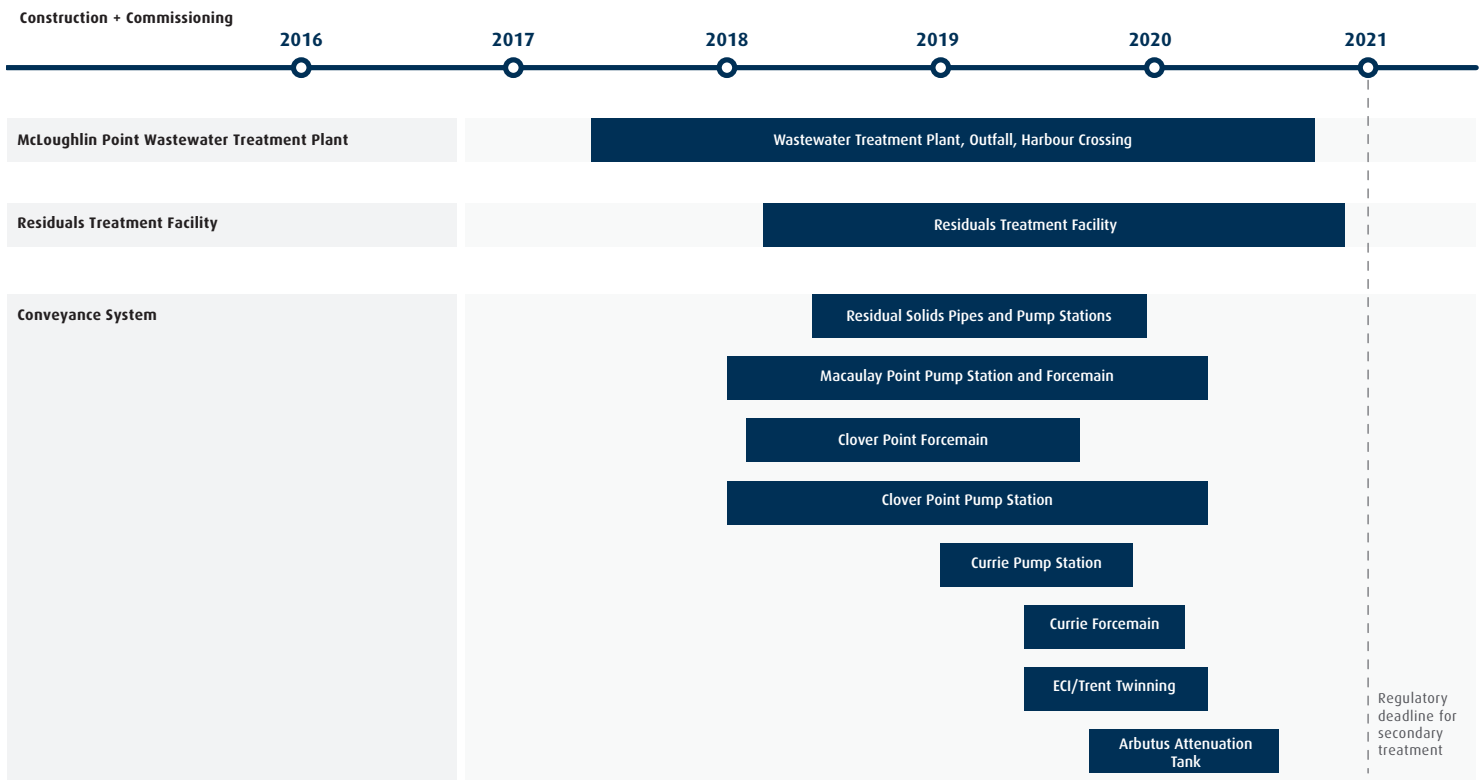
The Wastewater Treatment Project costs \$765 million and is being funded by the Government of Canada, Government of British Columbia and Capital Regional District.



Wastewater Treatment Project Components and Schedule

This summary will give you a high-level view of what’s happening and when. The Wastewater Treatment Project will be constructed through nine separate contracts, and construction will be staged to the end of 2020. Communications and engagement activities will take place in advance of project construction beginning in each area.

Wastewater Treatment Project Schedule*



* Schedule subject to updates as project planning progresses.

Construction is beginning this spring on the McLoughlin Point Wastewater Treatment Plant in Esquimalt and the cross-harbour undersea pipe between McLoughlin Point and Ogden Point. Construction will take place at Ogden Point to drill the undersea pipe; this will take just over a year to complete. Construction and commissioning of the Wastewater Treatment Plant at McLoughlin Point will take place from April 2017 to fall 2020.

OGDEN POINT CONSTRUCTION ACTIVITIES: ANTICIPATED APRIL 2017 – JUNE 2018*

APRIL TO MAY 2017

Remove Anglers Hut

Set up work site

- Bring equipment and materials to the site; on average five trucks per day
- Build noise wall

JUNE 2017

Install casing

- Involves approximately two weeks of pile driving
- On average five trucks per day

JUNE 2017 TO JUNE 2018

Conduct horizontal directional drilling

- Involves equipment and generators for drilling operations
- On average five trucks per day

JUNE 2018

Assemble pipe on Niagara Street

- Deliver pipe segments
- Weld pipe together

Pull pipe through directional drill passage (24 hours per day for approximately four days)

McLOUGHLIN POINT CONSTRUCTION ACTIVITIES: ANTICIPATED APRIL 2017 – FALL 2020*

APRIL/MAY 2017

Set up construction laydown area

- Heavy equipment and personnel preparing the site

MAY 2017 TO AUG 2017

Site preparation (excavation/blasting)

- On average 30 trucks per day hauling excavated material
- Blasting activities will be periodically scheduled and communicated to immediate neighbours; blasting schedule will be posted to project website weekly

JUNE 2017 TO JUNE 2018

Conduct horizontal directional drilling

- On average five trucks per day

AUG 2017 TO FALL 2018

Pouring concrete

- On average 15 trucks per day with more for large pours

SPRING 2018 TO FALL 2019

Plant construction

- On average 10 trucks per day

FALL 2019 TO FALL 2020

Plant commissioning

** Construction schedules subject to updates based on construction operations. Project to provide regular updates on anticipated dates.*

Frequently Asked Questions about the Wastewater Treatment Project

Here are some questions we've heard from the community, and the answers. For more questions and answers, please check our "Community Questions" section on the Wastewater Treatment Project Website: wastewaterproject.ca

NOISE

How loud will the noise be coming from the plant during operation and how will it impact Victoria?

As per the Township of Esquimalt's Zoning Bylaw, the operational noise level will not exceed 60 decibels (dBA) measured at the plant's property line. Predicted noise levels in James Bay, the closest location to the treatment plant in Victoria, will not exceed 35 dBA. This is 5 dBA below the most stringent limit in the City of Victoria's noise bylaw.

How noisy will the construction be at Ogden Point. What are you doing to reduce it?

Construction at Ogden Point will take place over about a year, beginning in May 2017. We are building a 5-metre high noise wall around the Ogden Point work site. It will be in place before construction begins.

This will reduce construction noise below the City of Victoria construction noise bylaw level.

In June there will be approximately two weeks of pile driving. After that, while there will be noise from generators and other equipment, noise levels will be reduced considerably, and we do not anticipate any vibration.

In addition to the noise wall, we're working with the contractor to consider other noise mitigation measures to further reduce noise at the work site. We have engaged noise consultants and they will be monitoring noise levels during construction.

ODOUR

Will I be able to smell anything from the McLoughlin Point Wastewater Treatment Plant when it is up and running?

No – there will be no detectable odour in the surrounding community. The plant includes state-of-the-art odour control and a 24-hour odour control monitoring system.

OGDEN POINT/DALLAS ROAD CONSTRUCTION

When will construction along Dallas Road start? When will you give us more information about this construction?

The Wastewater Treatment Project is being constructed in phases. The first phase, construction of the McLoughlin Point Wastewater Treatment Plant and cross-harbour undersea pipe from Ogden Point to McLoughlin Point, will begin this spring. The construction sites will be confined to the Ogden Point area (near the existing James Bay boat launch – which will remain available) and to McLoughlin Point in Esquimalt.

Construction of the pipe from Ogden Point to Clover Point (the Clover Point Forcemain), will begin in early 2018. The Project Team is conducting field investigations which include geotechnical, environmental, archeological, civil and topographic surveys, to inform the final design and alignment of the pipe.

The 50% design of the pipe will be complete in the fall of 2017. At that time, the Project Team will present the alignment of the pipe, as well as the alignment of the cycle track, which will be built above it, to City Council at a public meeting and to the James Bay Neighbourhood Association and Fairfield Gonzales Community Association in a separate presentation.

Will construction on the pipe from Ogden Point to Clover Point (the Clover Point Forcemain) impact the bluffs along Dallas Road?

The proposed alignment of the pipe from Ogden Point to Clover Point (the Clover Point Forcemain) was developed in collaboration with City of Victoria planning staff and considered the bluffs, location of mature trees, sensitive vegetation, potential erosion, and traffic impacts. The Project Team will be conducting geotechnical, environmental, and archeological assessments, including civil and topographic surveys, to inform the final design and alignment of the pipe.

What are the traffic impacts to Dallas Road and Niagara Street due to the construction of the under harbour pipe at Ogden Point?

Ogden Point construction is anticipated to take just over a year to complete: from late April 2017 to July 2018. The majority of this work will take place within the fenced work site at the boat launch site next to Ogden Point. Site set up will start in May and is expected to take just over a month. This involves bringing equipment and materials to the site, which will result in about five truck trips per day.

After that, the traffic impacts will be limited, and mainly associated with construction workers getting to and from the site. There will be approximately five two-way truck trips daily to remove material from the site. The traffic impacts to Dallas Road and Niagara Street associated with assembling the under harbour pipe are expected to occur during the final month of the work, which is anticipated to be June 2018.

WHAT WILL HAPPEN ON NIAGARA STREET?

Many people have inquired about construction impacts for residents and businesses on Niagara Street. Niagara Street will be used to assemble the pipe that will be pulled through the drill passage between Ogden Point and McLoughlin Point. This work is expected to take place in June 2018 and it will take about a month to complete.

- Assembling the pipe involves delivery of the pipe segments, and welding the pipe together. **There is no digging required on Niagara Street.**
- A portion of Niagara Street will be temporarily closed to general traffic for about a month while the pipe is assembled. We will do everything possible to ensure local traffic has continued access. Residents will have pedestrian access to their homes at all times.
- The Project Team will coordinate with emergency services and there will be a first responder emergency services access plan in place. Emergency services will have access to all homes at all times.

As there have been many questions about this section of the work, we will be coming door-to-door on Niagara Street in the coming weeks to ensure that residents have the opportunity to get the correct information and ask questions.



Staying Up-to-Date on the Wastewater Treatment Project

The Project team is working to ensure residents know what work is planned, when it's expected to begin and end, how the construction activity may impact communities, and what we have planned to mitigate those impacts.

THANKS FOR COMING!

Thank you to the over 300 people who attended our two Community Information Meetings on April 5 (at the Grand Pacific Hotel) and April 12 (at the Royal Canadian Legion, Esquimalt Branch). If you weren't able to make it, meeting information can be found at: wastewaterproject.ca.

What is the Project doing to get the word out?

Since January the Project Team has held five community information open houses, six meetings with residents' associations (four with James Bay Neighbourhood Association, one with the Fairfield Gonzales Community Association and one with Victoria West Community Association), and met with Macaulay Elementary School and James Bay Community School. We are also creating an Esquimalt Liaison Committee and will be planning further community meetings as we move into other phases of the Project.

We've also created a new Project website where you can find everything you need to know about the project and a project information line that you can call to get information or to report a concern. You'll also find us on social media, email (if you sign up at a meeting or on the website to receive updates), and from time-to-time when we have construction updates, in your neighbourhood going door to door.

FOR MORE INFORMATION

Website:
wastewaterproject.ca

Email:
wastewater@crd.bc.ca

Phone: 1.844.815.6132
(as of May 1)



For More Information

Website: wastewaterproject.ca

Email: wastewater@crd.bc.ca

Project Information Line: 1.844.815.6132 (as of May 1)