

Verbal Update for Information: Action taken re: COVID-19 and potential Project impacts

Project Status

- The Project Team and Project contractors are actively monitoring the status of the COVID-19 public health emergency and are taking additional precautions to protect our staff, contractors, and the public
- Construction is ongoing at all of the Project's sites in accordance with guidelines established by the Provincial Health Officer

Action Taken re: COVID-19

- All Project contractors have implemented additional precautions to ensure the health and safety of their workers
- These measures follow the direction set by the B.C. Government, including:
 - emphasizing the importance of maintaining social distance,
 - increasing handwashing stations,
 - reducing in-person meetings and
 - increasing cleaning of common areas

Potential Project Impacts

- Many contractors have advised that they are beginning to see cost and schedule impacts
- Impacts include
 - labour availability;
 - work modifications to comply with provincial guidelines; and
 - delays to the delivery of equipment, supplies and services
- The Project Team will continue to monitor and follow the direction of the government during this evolving situation

Core Area Wastewater Treatment Project Board



Monthly Progress Report: February 2020
April 6, 2020

for Families

SOCIAL DISTANCING

The Provincial Health Officer is calling for social distancing to reduce the risk of spreading COVID-19 and making one another sick. There is still lots of fun to be had at home and outside.



GREEN LIGHT
Safe to do

- Take a walk, jog, or go for a hike
- Ride your bike
- Garden and/or play in your yard
- Read a book
- Listen to music
- Get your groceries delivered
- Cook a meal
- Group video chats
- Play games and/or watch a show at home



YELLOW LIGHT
Use caution

- Visiting grocery stores
- Picking up medications
- Getting take out
- Playing solo sports outdoors
- Playing sports outside with your family/household



RED LIGHT
Avoid

- Sleepovers
- Playdates
- Group gatherings, outings, or events
- Communal playgrounds
- Crowded retail stores
- Workouts in gyms
- Visitors in your home
- Non-essential workers in your home
- Peak transit time

www.burnabyschools.ca



























Social Distancing



Its not an option

Key Performance Indicators

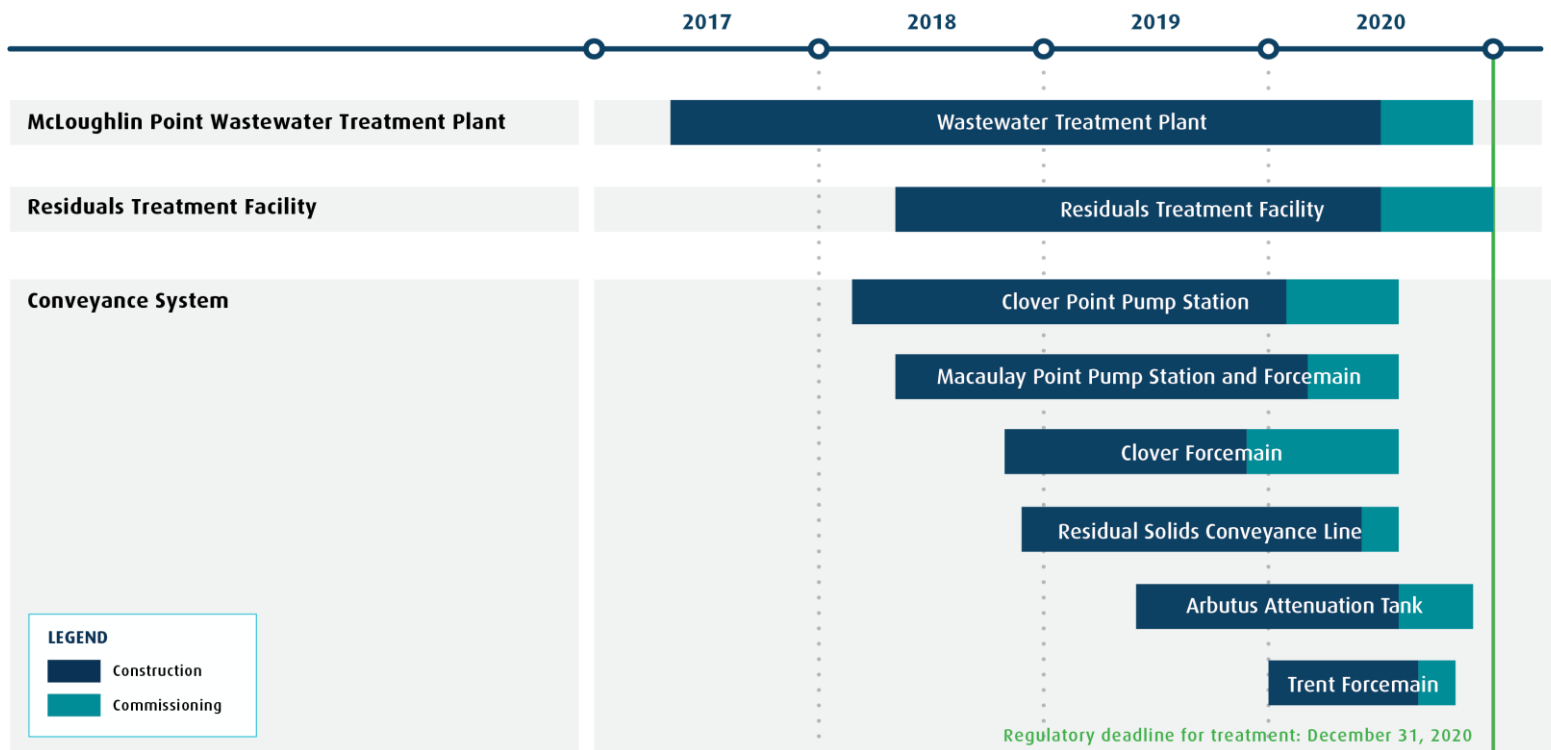
Key Performance Indicators		Project Overall	WWTP	RTF	Conveyance System
Safety	Deliver the Project safely with zero fatalities and a total recordable incident frequency (TRIF) of no more than 1*.				
Environment	Protect the environment by meeting all legislated environmental requirements and optimizing opportunities for resource recovery and greenhouse gas reduction.				
Regulatory Requirements	Deliver the Project such that the Core Area complies with provincial and federal wastewater regulations.				
Stakeholders	Continue to build and maintain positive relationships with First Nations, local governments, communities, and other stakeholders.				
Schedule	Deliver the Project by December 31, 2020.				
Cost	Deliver the Project within the Control Budget (\$765 million).				

Safety is our top priority: all KPIs are central to decision-making process

Project Schedule

Wastewater Treatment Project Schedule*

Construction + Commissioning



*Schedule subject to updates as Project planning progresses.

On Schedule to meet Federal and Provincial Obligations



WTP Safety Information: February

- 1 689 262 hours worked
- Total Number of Employees: 618
- Recordable incident: 0
- Lost time: 0

13 incidents were reported during this period

Almost 1.7 million hours worked on the project

Cost Management and Forecast

- Control Budget - \$775M
- Expended to Date -490.69M (66%)
- Expended in February 2020- \$11.7M

Funding Source	Maximum Contribution	Funding Received in the Reporting Period	Funding Received to Date
Government of Canada (Building Canada Fund)	\$120M	-	\$98.0M
Government of Canada (Green Infrastructure Fund)	\$50M	\$4.9M	\$40.7M
Government of Canada (P3 Canada Fund)	\$41M	-	-
Government of British Columbia	\$248M	-	\$62.0M-
Federation of Canadian Municipalities	\$346K	-	-
TOTAL	\$459.3M	\$4.9M	\$200.7M



McLoughlin Point WWTP



Using Spyder Crane position equipment; roof membrane being installed, and framing of the façade of the Operations and Maintenance Building level 2.



Clover Point Pump Station

Existing screen being removed, new screen in operation, bypass line installation in progress; and storm wet well with water for functional pump testing

Macaulay Point Pump Station and Forcemain



Genset room progression; substation apron pour; and interior forcemain segment installation in progress.

Residuals Treatment Facility



Stack install on waste gas burner; inside biogas compressor and moisture removal building; and process pumps and mechanical piping in the boiler room.



Clover Forcemain



Landscaping beside cycle track ; Curb and gutter installation between Pilot and Dock Streets; and landscaping west of Camus Circle

Residual Solids Conveyance Line



Formwork installed on Interurban road; sidewalk, curb and gutter preparation on Burnside and Grange roads;
Pump Station 1 Survey layout and hot water handwashing station for COVID-19 safe work procedures

Balance of Works



Arbutus Attenuation Tank



Trent Forcemain



*Fill and compaction of sanitary tie-in and exposing manhole at Trent Forcemain;
4 lateral struts installed and drilling pile near south corner of Arbutus Attenuation Tank*

Communications



**Wastewater
Treatment Project**
Treated for a cleaner future

Construction Notice

February 5, 2020

Trent Forcemain Construction

The Wastewater Treatment Project includes construction of the Trent Forcemain, 1.9km of pipes that will be installed from the intersection of Chandler Avenue and St Charles Street to the Clover Point Pump Station (see map on reverse). This addition will increase the capacity of the wastewater system and reduce wet weather overflows.

The contractor for this component of the Project, Jacob Bros Construction Inc., will begin work the week of February 10 and construction is anticipated to take approximately 10 months to complete.

What to Expect

- A site office and laydown area will be established on Memorial Crescent.
- Existing utilities (storm, sewer, water, gas) will be relocated in preparation for forcemain installation.
- The pipe will be installed in segments.
- A trench will be excavated, the pipe will be installed, and the trench will be backfilled. The surface will be temporarily restored at the end of each work day.
- Rock encountered in the trench will be removed by blasting or mechanical means.
- Final restoration will take place once the pipe has been installed and tested.
- Pipes and equipment will be temporarily stored in the area while this work is completed.
- Noise associated with this work includes excavation machinery and truck back-up beepers.

Work Hours

- Monday to Friday from 7:00 a.m. to 7:00 p.m.
- Saturday from 10:00 a.m. to 7:00 p.m.

Traffic Impacts

- There will be single lane alternating traffic during work hours in the construction zone.
- The northbound lane on Memorial Crescent from Dallas Road to Bushby Street will be closed during construction. Traffic will be diverted to the southbound lane to accommodate two-way traffic (see map on reverse).
- Parking along Memorial Crescent between Bushby Street and Dallas Road will be unavailable for the duration of construction of the Trent Forcemain.
- Traffic control areas will be delineated by cones and signs and controlled by flaggers.
- Parking will be temporarily impacted in the construction zone.

Access

- Vehicle access to residences may be temporarily restricted. Notification will be provided in advance and access to residential driveways will be restored at the end of each work day.
- Emergency services will have access at all times.
- Garbage and recycling services will be picked up as usual.

Thank you for your patience as this work is completed.

Any questions about the work, please contact the Project Team.



24/7 Phone Line
1.844.815.6132



Email
wastewater@crd.bc.ca



Website
wastewaterproject.ca



**Wastewater
Treatment Project**
Treated for a cleaner future

Construction Notice

Trent Forcemain Route



Memorial Crescent



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 Nations by the end of 2020.

Any questions about the work, please contact the Project Team.



24/7 Phone Line
1.844.815.6132



Email
wastewater@crd.bc.ca



Website
wastewaterproject.ca

Three construction notices were issued in February