

Wastewater Treatment Project

The Wastewater Treatment Project is in its final year of construction and all the pieces are starting to come together. We are in the final push and the majority of the construction will conclude over the summer. The Project will then enter the next phase which is commissioning the new infrastructure. The Project still has many active construction sites throughout Victoria, Esquimalt and Saanich and we want to thank residents for their patience while we complete this work. The Project remains on schedule to meet the regulatory deadline of December 31, 2020. Construction progress is highlighted for each section of the Project with photos.

Construction Updates

MCLOUGHLIN POINT WASTEWATER TREATMENT PLANT

The view of McLoughlin Point changed this spring with the demobilization of both of the tower cranes on site. The majority of construction on site will be complete this summer. The exterior finishing of the building is nearing completion and the inside of the operations and maintenance building is being painted. The multi-level green roof is being installed and the areas around the plant are being backfilled. Wastewater will begin flowing through the plant later this summer as testing of the system commences.



Aerial view of McLoughlin Point Wastewater Treatment Plant.

RESIDUALS TREATMENT FACILITY

Construction on the Residuals Treatment Facility located at the Hartland Landfill has made excellent progress with all major equipment now installed. All the buildings have been built on site and the exterior work is complete. Work is focused on finishing the interior of the buildings.



Construction progress at the Residuals Treatment Facility.

CLOVER POINT PUMP STATION

In April, the Clover Point Pump Station achieved a significant milestone with relocating and installing new screens. This was an important step to begin modifying the existing pump station and to allow the upgraded pump station to pump wastewater to the new McLoughlin Point Wastewater Treatment Plant.



New pumps at the Clover Point Pump Station.

MACAULAY POINT PUMP STATION

At Macaulay Point, the building has been erected and siding is being installed. All major equipment has been installed and mechanical and electrical work continues on site. The tower crane has also been demobilized at Macaulay Point. The Macaulay Forcemain work is complete with all the pipe installed and tested and the roads surrounding the area have been paved and reopened.



Siding being installed on the new Macaulay Point Pump Station.

CLOVER FORCEMAIN

Construction on Dallas Road has been focusing on restoration work since the forcemain installation was finished last summer. All the restoration work has been completed on Dallas Road except for the final section between Dock Street and Lewis Street. A new balustrade along the seawall is being installed for the City of Victoria which is anticipated to be complete in the fall.



New crosswalk at Government Street on the newly paved Dallas Road.

ARBUTUS ATTENUATION TANK

In Saanich, the Arbutus Attenuation Tank is being built on CRD property in Haro Woods. All the secant piles have been installed around the perimeter of the tank footprint. These are reinforced concrete piles that are required to minimize the footprint of the excavation. Now that this stage is complete, excavation is taking place for the 5,000m³ attenuation tank.



Excavation at the Arbutus Attenuation Tank.

RESIDUAL SOLIDS CONVEYANCE LINE

Over 99% of the Residual Solids Conveyance Line is installed. Work has been focusing on installing valves and chambers, completing tie-ins, and paving. Construction at the three small pump stations along the Residual Solids Conveyance Line is progressing well. Pipes have been installed on the Gorge Bridge and the last section of pipe is being installed on the Admirals Bridge.



Pipe installation on Portage Road in Saanich.



The pipe has been installed under the Gorge Bridge on Tillicum Road.

TRENT FORCEMAIN

In January, Jacob Bros Construction started work on the Project's final construction contract, to build the Trent Forcemain, 1.9km of pipe being installed in the Fairfield neighbourhood of Victoria. Construction has started with relocating an existing water main and chamber. Forcemain installation started in May.



A section of pipe being installed for the Trent Forcemain.

COVID-19

Construction has been designated an essential service and the Project is continuing with all contractors implementing additional precautions to ensure the health and safety of their workers and the public. These measures include emphasizing the importance of maintaining social distance, increasing handwashing stations, reducing in-person meetings and increasing cleaning of common areas.



All contractors have implemented additional safety protocols on their sites.

CONSTRUCTION SUMMARY



14

active construction sites



600

construction workers



23,412m

pipes laid

For More Information

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