

Clover Point Pump Station and Clover Forcemain

The Clover Point Pump Station will be upgraded and expanded as part of the Wastewater Treatment Project. The current pump station pumps sewage directly into the ocean. The expanded pump station will pump wastewater to the McLoughlin Point Wastewater Treatment Plant for tertiary treatment and provide bypass pumping to the existing outfall during storm events.

The Clover Forcemain is the pipe that will transport wastewater from the Clover Point Pump Station to the McLoughlin Point Wastewater Treatment Plant. Construction of the Clover Point Pump Station expansion and Clover Forcemain will begin in early 2018 and be complete in early 2020. There will be public realm improvements as part of this component of the project. The City of Victoria defined the scope and design guidelines for these public realm improvements.

PROJECT DESCRIPTION

The Clover Point Pump Station expansion will be below the grade of the adjacent section of Dallas Road. Similar materials to those on the current pump station will be used to blend the expanded facility with the existing facility and surrounding area. The expansion will increase the internal pump station area from approximately 500m² to approximately 1500m². As part of the pump station expansion, the existing split rock wall facing the waterfront will be extended to enable access to the pump station and maintain the seaside walkway.

The pump station will have state-of-the-art odour control systems so there will be no discernible odour in the community. Noise will not exceed the current level of noise from the existing pump station.



Conceptual image.

Clover Point Public Realm Improvements

- Public plaza accessible to pedestrians and cyclists, to replace the existing parking lot above the pump station
- Street furniture and bicycle facilities (e.g. benches, bike racks, a bike rack for bicycle maintenance and repair, and a drinking fountain) on the plaza
- Bike node (pathway intersection for bike and pedestrian traffic)
- Interpretive signage and wayfinding signs at the public plaza
- Two replanted grassed open spaces to the west and east of the public plaza
- One public washroom with two gender neutral, universally-accessible stalls
- Clover Point Road and Dallas Road intersection improvements
- New connecting walkway and bike path across Clover Point Road to the Dallas Road/Ross Bay Seawalk
- Pedestrian path from Dallas Road alongside Clover Point Road and connecting to the existing Clover Point path

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Dallas Road Public Realm Improvements

- Cycle track extending from Dock Street at the Ogden Point breakwater to Clover Point
- Gathering/dismount area for the cycle track incorporated on the west side of Clover Point Road at Dallas Road
- Site furnishings (bike rack and a bench at a minimum of six locations at key intersections)
- Barrier fencing between dog off-leash areas
- Wayfinding signage
- One-time payment for the construction of additional capital improvements by the City of Victoria

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. 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.

Next Steps: Design Finalization

Public Input:

- Presentation to James Bay Neighbourhood Association (on the design and alignment of the cycle track and alignment of the Clover Forcemain) at 50% design finalization
- Presentation to Fairfield Gonzales Community Association (on the design for the exterior of the Clover Point Pump Station and the public realm improvements, as well as the design and alignment of the cycle track and alignment of the Clover Forcemain) at 50% design finalization

City of Victoria Input:

- 3 Design Workshops between CRD and City of Victoria regarding pump station exterior and public realm improvements (at 30%, 50% and 90% design finalization)
- Presentation to the City Council at a public meeting at 50% design finalization
- Final design of the exterior of the pump station, public realm improvements, conveyance pipeline alignment subject to City of Victoria approval in accordance with the criteria set out in the licences

First Nation Engagement:

- Representatives from the Songhees and Esquimalt Nations are participating in the final design of the pump station exterior and public realm improvements

For More Information

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