

# Core Area Wastewater Treatment



## Commissioning Activities Update

Capital Regional District | September 2022

The Capital Regional District (CRD) is currently carrying out ongoing commissioning activities at the McLoughlin Point Wastewater Treatment Plant (MPWWTP) in Esquimalt, the Residuals Treatment Facility (RTF) located north of Hartland Landfill in Saanich and the Residuals Solids Conveyance pipeline that connects both facilities.

### McLoughlin Point Wastewater Treatment Plant

- Optimization and fine tuning of the odour control system is ongoing. All of the primary and secondary treatment vessels have their head space extracted and scrubbed through odour control units however balancing of these spaces is being fine-tuned to ensure no odour escapes during operation

### Residuals Treatment Facility

- Delivery of Class A biosolids to Lafarge under the Biosolids Beneficial Use Strategy has resumed
- The next planned maintenance period at Lafarge is fall 2022
- During this maintenance period Class A biosolids will be managed under the CRD's Short Term Contingency Plan and used at Hartland Landfill as both a nutrient additive to improve vegetation growth in areas of the landfill and as an engineered biocover to mitigate fugitive methane emissions
- Management of biosolids under the Short Term Contingency Plan is not anticipated to have any environmental or climate implications due to the controls that are in place at Hartland Landfill to ensure the protection of adjacent ground and surface water resources
- Best management practices will be implemented to ensure effective dust control during all aspects of handling, blending and application of engineered cover systems incorporating biosolids
- Monthly biosolids production reports are available [here](#)

### Conveyance System

- Pipeline maintenance involving cleaning the pipe under the Victoria Harbour is planned for October 2022. There may be some odours generated from this maintenance at the swab receiving station at McLoughlin WWTP

These commissioning activities may result in the generation of intermittent odours near each facility.

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Ongoing optimization of the treatment plant and conveyance infrastructure is anticipated to extend well into the performance period which ends in January 2023. During this period, operational, maintenance and optimization activities are anticipated to impact system performance in terms of odour control and treatment plant effluent quality. The CRD continues to complete routine odour monitoring as well as respond to community odour complaints with corresponding corrective actions in an effort to mitigate the root cause.

The CRD remains mindful of the impact this has on residents and is grateful to our local communities for their patience and will provide regular updates as we work toward normal operating conditions.

*Last updated: September 9, 2022*