



TSAWWASSEN FIRST NATION
s̓əwəθən məsteyəx™

BACKGROUND:

October 2, 2014

Now Under Construction: TFN's New, Green, Sewage Treatment Plan



Tsawwassen First Nation is building the first stage of a 6700 m³/d wastewater treatment facility to service a new commercial mall, residential developments, and an industrial park as well as the existing Tsawwassen First Nation community.

Registered under the B.C. Municipal Wastewater Regulation, the facility will use established technology to produce high quality treated effluent to the B.C. reclaimed water standard. The process includes:

- Screening
- Grit Removal
- Sequencing Batch Reactors for secondary treatment
- Filtration
- Ultraviolet disinfection
- Aerobic biosolids digestion
- Biosolids dewatering

Treated, filtered and disinfected effluent will flow to a constructed estuarine pond and marsh for plant and waterfowl habitat enhancement. The pond and marsh will be located on the shoreline of Tsawwassen First Nation lands. Upon completion the pond and wetland marsh will support naturalized vegetation and provide future opportunities for enhancement to provide additional community benefits, including the potential for perimeter walkways and educational signage.

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