

LIONS GATE SECONDARY Wastewater Treatment Plant

DECEMBER 2016

PROJECT UPDATE

A New Wastewater Treatment Plant

The Lions Gate Wastewater Treatment Plant needs to be upgraded to provide secondary treatment by 2020 in order to meet federal regulations. The existing plant, located at the foot of the Lions Gate Bridge, has provided primary wastewater treatment for over 50 years to the District of West Vancouver, the City of North Vancouver, and the District of North Vancouver. The new plant will be built approximately 2 kilometres to the east, on Metro Vancouver-owned land. See reverse for project timeline.

The project definition (phase 1) began in 2012. Since then, Metro Vancouver has been working with North Shore communities, municipal governments and the public to define key aspects of the plant and identify key concerns. This process has involved meetings; public open houses; workshops; and the Lions Gate Public Advisory Committee, community members that provide advice to the project team.

The result of this first phase was a Project Definition Report that defines the scope, budget and preliminary design for the new plant. This report forms the basis of phase 2, the Design and Construction phase, where we are now.



By working with the community, the key areas that will be addressed in the final plant design include:



Odour control and air emissions management – the new plant will feature advanced odour control technologies and treatment for all released air.



Fiscal responsibility – Metro Vancouver will ensure the best value for taxpayer money.



Creating a community asset – The new plant will have a clean and attractive appearance, and will provide outdoor and indoor public spaces for education, outreach and meetings.



Traffic and construction impact mitigation – The builder will continue to work with the community to identify and mitigate dust, noise, traffic and other construction and operational impacts.

Project Award Process

Using the requirements outlined in the Project Definition Report, the new plant will be built using a Design-Build-Finance (DBF) procurement approach. In early 2016, three teams were short-listed and invited to submit proposals. These teams have submitted full project proposals that are currently being evaluated by Metro Vancouver. In spring 2017, the contract will be awarded to the successful team.

What We've Been Doing

In 2016, Metro Vancouver held a February public open house at the Norgate Community Elementary School, attended the June Norgate Park Community Association Annual General Meeting, and continued to meet with the Lions Gate Public Advisory Committee.

What's Coming Up

When the successful team is awarded the contract to DBF the new plant, they will also be responsible for communications and public consultation. The team will hold at least one public meeting at the start of the project, provide community notification prior to any site construction, and have a Community Liaison Officer that will respond to all inquiries and be involved in mitigation. Metro Vancouver will continue to be engaged and work with the successful team to ensure effective and timely follow-up.

Site preparation is anticipated to start in spring 2017, with construction to follow for the next four years. The new Lions Gate Secondary Wastewater Treatment Plant will be operational by December 31, 2020.



Public Open House Held at Norgate Community Elementary School in February 2016





Attendees learned about the water cycle from an interactive watershed model.




Staff and attendees discussed traffic and construction mitigation.

Contact Us

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 **Visit** For meeting summaries, presentations and more information:
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