
To: Liquid Waste Committee

From: Peter Navratil, General Manager, Liquid Waste Services

Date: May 20, 2022

Meeting Date: June 8, 2022

Subject: **Manager's Report**

RECOMMENDATION

That the Liquid Waste Committee receive for information the report dated May 20, 2022 titled "Manager's Report".

1. North Shore Wastewater Treatment Plant Update

PCL Constructors Westcoast Inc., the new designated Prime Contractor for the project, is undertaking field assessments to identify any deficiencies with the existing structures on the treatment plant site. The transfer of technical project information to PCL is ongoing, and discussions between Metro Vancouver and PCL regarding novation of contracts for the plant's process equipment are also underway. Further, PCL has prepared a plan for their work to estimate the final construction budget, and is now developing plans to commence early construction work packages. Concurrently, AECOM is continuing to progress the plant's detailed design, and is completing design of elements supporting the early construction work packages. Staff anticipates that the early work on site will commence in summer 2022.

The project team held meetings over the past month with the District of North Vancouver regarding permitting and construction restoration and are working to implement new agreements to define the development arrangement between Metro Vancouver and the District of North Vancouver.

2. Communications Initiative to Reduce Surfactants in Wastewater

Metro Vancouver will be educating residents about how they can reduce the impacts of surfactants on our aquatic environment. Surfactants are found in soaps, laundry detergents, and personal care products and can be difficult to fully remove at wastewater treatment plants. Once in the environment, they can be harmful to fish and other aquatic life. This initiative will focus on letting residents know that they can use less and still get the same cleaning results because these products are designed for hard water and work exceptionally well in our region's soft water. Extra focus will be placed on laundry detergent, which makes up the largest volume of surfactants in wastewater.

This initiative first ran in 2021 and targeted only North Shore residents. This year's initiative, which will run from June to August, will again focus on North Shore residents due to the higher surfactant levels at the Lions Gate Wastewater Treatment Plant, but will also include some region-wide promotion. The paid digital media buy includes YouTube, Facebook, Instagram, and online banners. New videos for social media and a longer explainer video are being developed to support the

initiative. A postcard explaining how to reduce surfactants will also be mailed to all North Shore residences.

3. Liquid Waste Committee 2022 Work Plan

The updated 2022 Work Plan (Attachment) shows the status of the Committee's key priorities for the year.

Attachment

Liquid Waste Committee 2022 Work Plan

Liquid Waste Committee 2022 Work Plan

Report Date: June 8, 2022

Priorities	
1st Quarter	Status
2021 Microfibres “The Ocean Thanks You” Campaign Results	Complete
2021 Fats, Oil and Grease Campaign Results	Complete
Northwest Langley Wastewater Treatment Plant Project Update	Complete
North Shore Wastewater Treatment Plant Project Update	Complete
Development Cost Charge Review Process and Rate Amending Bylaw	Complete
Iona Island Wastewater Treatment Plant Projects - Project Definition Engagement Results	Complete
Iona Island Wastewater Treatment Plant Projects - Project Definition and Conceptual Design	Complete
GVS&DD Trucked Liquid Waste Bylaw Amendment	Complete
2022 Liquid Waste - Sustainability Innovation Fund Applications	Complete
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Complete
Utility Policies (as applicable)	Complete
Contract Approvals – Contracts > \$5M (as applicable)	Complete
Project Delivery Capital Portfolio Update	Complete
Sewer and Effluent Heat Recovery Bylaw	Complete
Iona Island Land Tenure and License Agreements	Complete
Liquid Waste State of Assets Report	Complete
2 nd Quarter	
Liquid Waste Services Capital Program Expenditures Update as at Dec 31, 2021	Complete
Integrated Liquid Waste and Resource Management Plan: Report on Phase 1	Complete
LWS Environmental Management System Policy	Complete
2022 Update on Liquid Waste Sustainability Innovation Fund Projects	Complete
Northwest Langley Wastewater Treatment Plant Project Design Update	In Progress
Sewage Catchment Area (Rawn) Amendments	In Progress
2021 GVS&DD Environmental Management and Quality Control Annual Report	In Progress
Liquid Waste Services Environmental Risk Management Report	In Progress
Proposed Capital Investment and Carbon Accounting Processes For Sewer Heat Recovery Projects	In Progress
Liquid Waste Heat Recovery Policy	In Progress
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	In Progress
Utility Policies (as applicable)	In Progress
Contract Approvals – Contracts > \$5M (as applicable)	In Progress
3rd Quarter	
Liquid Waste Services Capital Program Expenditures Update as at April 30, 2022	In Progress
2022 Unflushables Campaign Results	In Progress
Sustainability Innovation Fund Project Update	In Progress
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	In Progress
Utility Policies (as applicable)	In Progress
Contract Approvals – Contracts > \$5M (as applicable)	In Progress

Food Sector Bylaw Review	Deferred to 2023
4th Quarter	Status
Liquid Waste Services Capital Program Expenditures Update as at August 31, 2022	Pending
Annual Budget & 5 Year Financial Plan - Liquid Waste	Pending
Annacis Outfall Construction Update	Pending
Drainage Areas Facility Policy	Pending
Estuary Management Program Update	Pending
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Pending
Utility Policies (as applicable)	Pending
Contract Approvals – Contracts > \$5M (as applicable)	Pending