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To: Liquid Waste Committee

From: Peter Navratil, General Manager, Liquid Waste Services

Date: May 10, 2022 Meeting Date: May 18, 2022

Subject: **Manager's Report**

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**RECOMMENDATION**

That the Liquid Waste Committee receive for information the report dated May 10, 2022 titled "Manager's Report".

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**1. North Shore Wastewater Treatment Plant Update**

PCL Constructors Westcoast Inc., the new designated Prime Contractor for the North Shore Wastewater Treatment Plant project, was assigned care and control of the project site on April 1, 2022. PCL has implemented a new site safety plan and filed notice of the project with WorkSafe BC. The process of transferring technical information to PCL is underway. They have integrated with the AECOM design team (including co-location in the site and design offices) and have started work on developing an execution plan to complete the project, including budget and schedule estimating. In tandem with these activities, AECOM's work on development of the detailed design continues to progress. Design and contract preparation to allow PCL to proceed with early work (e.g. concrete) is also in progress.

Transition meetings with Project Co. continued throughout April, and final project transition activities are targeted to conclude in late May. The project team also held meetings with the District of North Vancouver regarding permitting, and coordination of construction and development activities.

**2. Metro Vancouver Laboratory Provides Reliable and High Quality Analytical Services to the Region**

The Metro Vancouver Laboratory successfully underwent another assessment of technical competence and renewed its Certificate of Accreditation with the Canadian Association for Laboratory Accreditation (CALA). An accredited laboratory has recognition of competence to manage and perform specific tests. CALA is a national organization which accredits various chemical, physical and microbiological testing methods in accordance with an international ISO/IEC 17025 standard. The accreditation process includes site visit assessment by a team of professionals drawn mostly from member laboratories or from regulatory agencies and authorities having jurisdiction within the public sector. Among other conditions for maintaining CALA accreditation, a laboratory must undergo a bi-annual assessment of conformance with stringent quality management and performance standards.

The Certificate of Accreditation (Attachment 1), originally granted to Metro Vancouver Laboratory in 1995, demonstrates technical competence for a defined scope and the operation of a laboratory quality management system. It attests to the ability to consistently produce reliable analytical results and provides assurance of quality to regulators and laboratory customers.

Liquid Waste Services Chemistry and Process Laboratory currently perform over 200,000 analytical tests per year. Results are used for monitoring of drinking water and wastewater quality, treatment plant compliance monitoring and process control. Laboratory customers include Metro Vancouver member municipalities, Liquid Waste Services including Source Control, Residuals Management, and Utility Innovation, Water and Solid Waste Services, Environmental Regulation & Enforcement and Metro Vancouver Parks. In order to maintain its credibility with regulators and customers, Metro Vancouver Laboratory is scheduled for the next CALA assessment in 2023.

### **3. Iona Island Wastewater Treatment Plant and Iona Beach Regional Park Tour – May 4, 2022**

On Wednesday, May 4, staff provided a tour of Iona Island Wastewater Treatment Plant and Iona Beach Regional Park to 11 members of the Liquid Waste, Regional Parks and Climate Action Committees, including Vice Chair Dominato, Director Calendino and Councillor Loo. The tour provided participants with a look ahead to the treatment plant upgrade, integration with the park, and the ecological restoration projects, integral components of the Iona Island Wastewater Treatment Plant Projects. Tour photos appear in Attachment 2. A second tour for members of the same committees will be held July 27, 2022, combined with an opening ceremony for Iona's Biosolids Dewatering Facility, an important first step in helping to prepare the site for the plant upgrade and ecological projects.

### **4. Liquid Waste Committee 2022 Work Plan**

The updated 2022 Work Plan (Attachment 3) shows the status of the Committee's key priorities for the year.

#### **Attachments**

1. Certificate of Accreditation with the Canadian Association for Laboratory Accreditation
2. Photos from the Iona Tour on May 4, 2022
3. Liquid Waste Committee 2022 Work Plan

# Canadian Association for Laboratory Accreditation Inc.

## Certificate of Accreditation

Metro Vancouver - Quality Control Laboratory  
Metro Vancouver  
1299 Derwent Way  
Delta, British Columbia



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Accreditation No.: 1002749  
Issued On: 1/25/2022  
Accreditation Date: 1/3/2005  
Expiry Date: 7/25/2024

  
Acting President and CEO



This certificate is the property of the Canadian Association for Laboratory Accreditation Inc. and must be returned on request; reproduction must follow policy in place as date of issue.  
For the specific tests to which this accreditation applies, please refer to the laboratory's scope of accreditation at [www.cala.ca](http://www.cala.ca).

## ATTACHMENT 2



## ATTACHMENT 3

### Liquid Waste Committee 2022 Work Plan

Report Date: May 18, 2022

<b>Priorities</b>	
<b>1st Quarter</b>	<b>Status</b>
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
<b>2<sup>nd</sup> Quarter</b>	
Liquid Waste Services Capital Program Expenditures Update as at Dec 31, 2021	Complete
Northwest Langley Wastewater Treatment Plant Project Design Update	In Progress
Integrated Liquid Waste and Resource Management Plan: Report on Phase 1	Complete
Sewage Catchment Area (Rawn) Amendments	In Progress
2021 GVS&DD Environmental Management and Quality Control Annual Report	In Progress
LWS Environmental Management System Policy	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
2022 Update on Liquid Waste Sustainability Innovation Fund Projects	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
<b>3rd Quarter</b>	
Liquid Waste Services Capital Program Expenditures Update as at April 30, 2022	Pending
2022 Unflushables Campaign Results	Pending
Food Sector Bylaw Review	Deferred to 2023
Sustainability Innovation Fund Project Update	Pending
Municipal Requests for Sewerage Area Boundary Amendments (as applicable)	Pending
Utility Policies (as applicable)	Pending
Contract Approvals – Contracts > \$5M (as applicable)	Pending



<b>4th Quarter</b>	<b>Status</b>
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