

TRUCKED LIQUID WASTE PROGRAM REVIEW

AUGUST 2020

Metro Vancouver's Trucked Liquid Waste Program protects sewer workers, infrastructure and the environment by regulating the management of wastewater that cannot travel through the sanitary sewer system. Trucked liquid waste must be hauled directly to a wastewater treatment plant for discharge because it is high strength and could cause harm to the sewer system and the workers who maintain it.

Project Overview

Metro Vancouver is reviewing the Trucked Liquid Waste Program to ensure it reflects current best practices for the management of trucked liquid waste in the region. Regulations, fee structure and definitions for the program require a review to:

- stay current with industry practices and trends,
- reflect regional population growth, and
- better manage what is being delivered to treatment plants.



Metro Vancouver operates three trucked liquid waste facilities, located at Annacis Island, Iona Island and Northwest Langley Wastewater Treatment Plants.

Metro Vancouver's *Sewer Use Bylaw* sets out the rules for trucked liquid waste and the associated fees for discharging it at a trucked liquid waste facility. At the end of the review process, staff will present recommendations for updates to this bylaw to the Metro Vancouver Liquid Waste Committee and Board of Directors.

The Trucked Liquid Waste Program rules must be clear and consistent to help us meet operational and regulatory requirements and support our ongoing commitment to protect public health and the environment.

This review is part of Metro Vancouver's Source Control Program, which has five key objectives:

1. Protect sewer workers
2. Protect the environment
3. Protect sewer infrastructure
4. Protect treatment plant processes
5. Protect biosolids quality

What is being reviewed?

Definitions

Metro Vancouver is looking to revise or add to the Sewer Use Bylaw's waste definitions to align with the terms used in the industry. This will reduce the chance of differing interpretations of the bylaw. It will also clarify the types of waste that cannot be discharged directly to the sanitary sewer and must be brought to a trucked liquid waste facility.

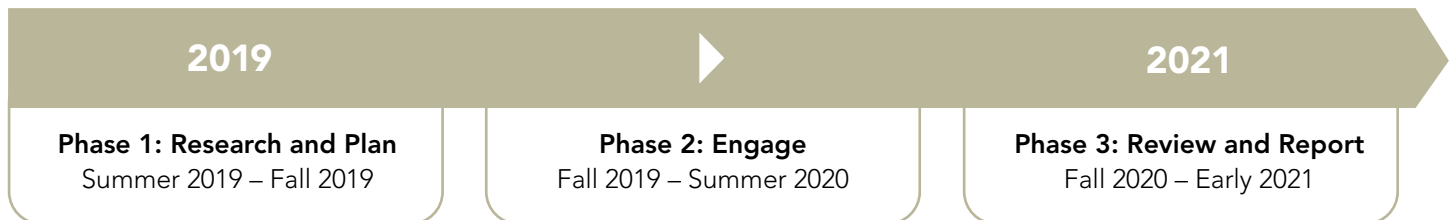
Fees

Fees associated with the Trucked Liquid Waste Program will be reviewed, with the goal of recovering costs for:

1. Treatment at wastewater treatment plants
2. Trucked liquid waste facility operation and maintenance
3. Audit sampling
4. Administrative support for Trucked Liquid Waste Authorizations

Metro Vancouver's fees were last updated in 2012 and costs associated with managing this waste have increased in the years since. A comparison of fees charged in neighbouring jurisdictions shows that Metro Vancouver's fees are not in line with industry standards.

Timeline



We want to hear from you!

Metro Vancouver is offering a number of ways for industry representatives to provide input during the review process including feedback sessions, one-to-one interviews, and online questionnaires. If you would like to be involved, please get in touch using the contact information provided below.

Project Updates

For more information, please visit www.metrovancouver.org and search "Trucked Liquid Waste Program Review".

DID YOU KNOW

Most trucked liquid waste is 8 to 200 times higher in strength than the wastewater in our sanitary sewers.

	Biochemical Oxygen Demand	Total Suspended Solids
Trucked Liquid Waste	~1,700 to 40,000 mg/L	~1,200 to 110,000 mg/L
Typical Wastewater	~200 mg/L	~200 mg/L

Because it is high strength, this waste must be managed appropriately to minimize risks to the wastewater system, sewer workers and the environment.

Contacting Metro Vancouver

Information Centre: 604-432-6200
(Monday to Friday from 8 am to 4:30 pm)

Email: TLWreview@metrovancouver.org