

Metro Vancouver Liquid Waste Regulation

ROLES & RESPONSIBILITIES

Kathy Preston

Director, Environmental Regulation & Enforcement

Liquid Waste Committee Meeting, March 15, 2023
58267879

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REGULATORY AUTHORITY

The *Environmental Management Act* authorizes the Greater Vancouver Sewerage and Drainage District (GVS&DD) Board to make bylaws respecting the direct or indirect discharge of wastes into any sewer or drain connected to a sewerage facility operated by the GVS&DD.



SEWER USE BYLAW 299, 2007

Purpose

- a) Protect the Sewers and Sewage Facilities from damage
- b) Promote biosolids quality
- c) Protect human health and safety
- d) Assist the District's efforts to remain in compliance with laws
- e) Protect the environment
- f) Charge user fees

SEWER USE BYLAW 299, 2007

Prohibitions

- Discharge of “Prohibited Waste” to a sewer or sewage facility
- Discharge of waste to sewer or sewage facility in a concentration or quantity that may become a safety hazard
- Discharge to storm sewer anything other than Storm Water or Uncontaminated Water
- Discharge of Restricted Waste, Storm Water, Uncontaminated Water, Groundwater, High Volume Discharge to sewer or sewage facility unless discharge is done in compliance with a Waste Discharge Permit or one of the other liquid waste bylaws

OTHER LIQUID WASTE BYLAWS

Adopted by the GVS&DD Board

- Food Sector Grease Interceptor Bylaw
- Fermentation Operations Bylaw
- Trucked Liquid Waste Bylaw
- Sani-dump Bylaw
- Hospital Pollution Prevention Bylaw

BOARD

Role & Responsibilities

- The Board may adopt bylaws to regulate the discharge of waste to sewer connected to a GVS&DD sewage facility
- The *Environmental Management Act* requires that the Board appoint:
 - Sewage Control Manager(s)
 - Officers



SEWAGE CONTROL MANAGER - ROLE

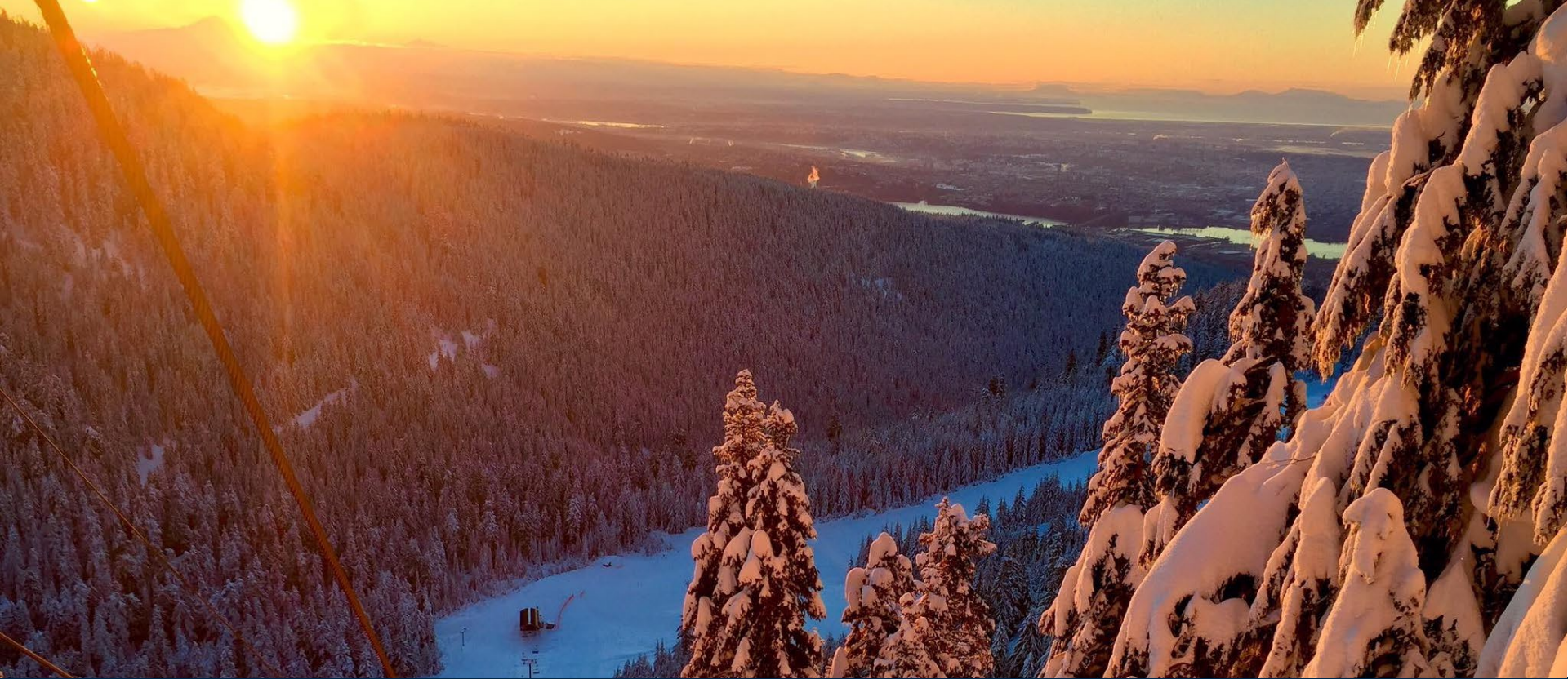
- Issues:
 - Waste Discharge Permits
 - Waste Discharge Abatement Orders
 - Trucked Liquid Waste Authorizations
- May order a person to apply for a Waste Discharge Permit



OFFICERS

Roles & Responsibilities

- Officers promote compliance with the GVS&DD's liquid waste bylaws
- They may enter property, inspect works, and obtain records and other information
- They are also appointed under the *Offence Act* so they can serve summons for bylaw violations
- Officers must exercise their own discretion when initiating legal action



Questions?

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Together we make our region strong



THANKS!

5.2

2022 “Our Ocean Thanks You” Campaign Results

Carol Nicolls

Communications Specialist, Corporate Communications

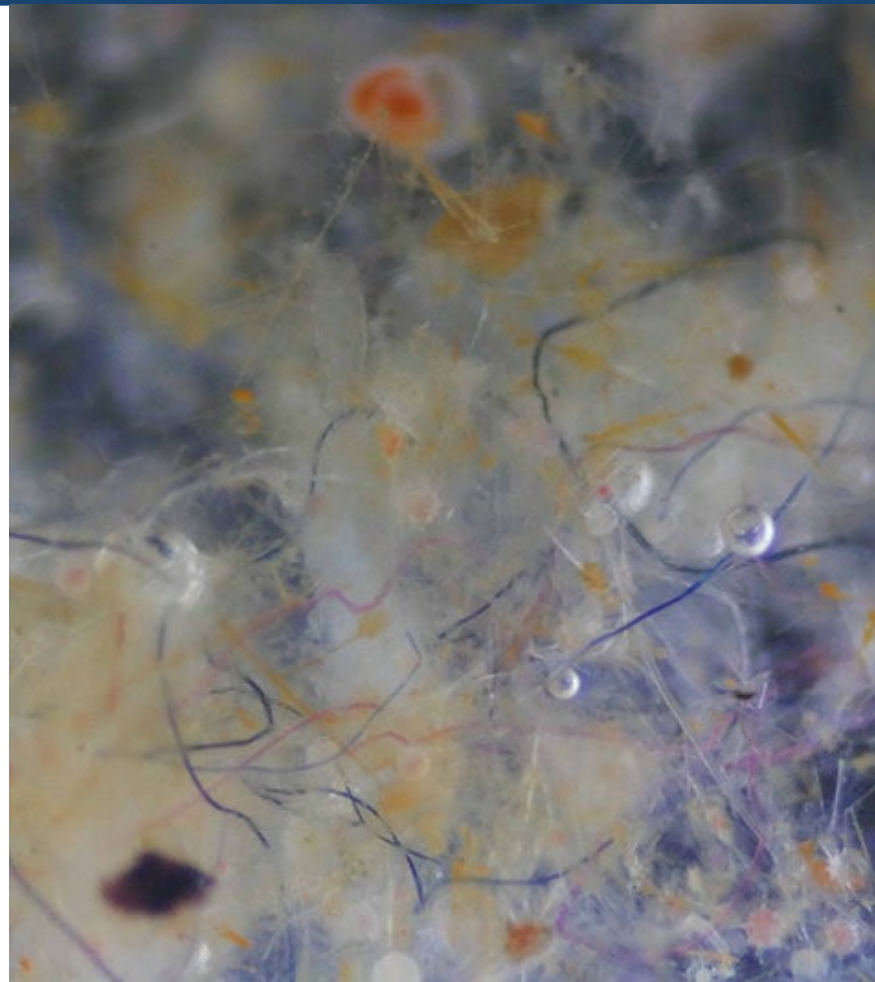
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WHAT ARE MICROFIBRES?

- 5mm or less
- Synthetic microfibres = microplastics
- Laundry is largest source
- Ocean impacts



OVERVIEW

- Targets microfibres in laundry
- Parents with children under 18
- Sept 12 – Oct 30

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TACTICS

- Facebook/Instagram
- YouTube
- Google Search
- Display ads
- Billboards
- Radio
- TV/PSA



CAMPAIGN CREATIVE

:30 PSA



SWITCHTOCOLD.CA



WASH IN COLD

If you do only one thing, wash in cold. Washing in cold on shorter cycles reduces microfibre shedding by up to 50% and helps clothes last longer.



WEAR CLOTHES MORE TIMES BETWEEN WASHES

Less washing = fewer microfibres shed.



SPOT CLEAN

Skip a full wash by removing small spots by hand.



WASH FULL LOADS

A full load means less water passing through your clothes, which reduces shedding.



HANG TO DRY

High temperatures in dryers weaken clothing fibres, which means more are broken off in the next wash. Hang-dry clothes when you can.



BUY SECOND-HAND CLOTHES

New clothes shed most of their microfibres on the first few washes. Buying used clothes instead of new generates fewer microfibres overall.

RESULTS

Media buy

- 1 million video views
- 911,000 reached (TV)
- 266,000 reached (digital)
- 2,888 clicks for more info
- 3,900 website visits

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RESULTS

Survey

- 29% saw at least one ad
- 22% talked to others
- 42% washing in cold more

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PLANS FOR 2023

Campaign

- Similar approach
- New creative
- ENGO opportunities



Small act. Positive impact.
switchtocold.ca

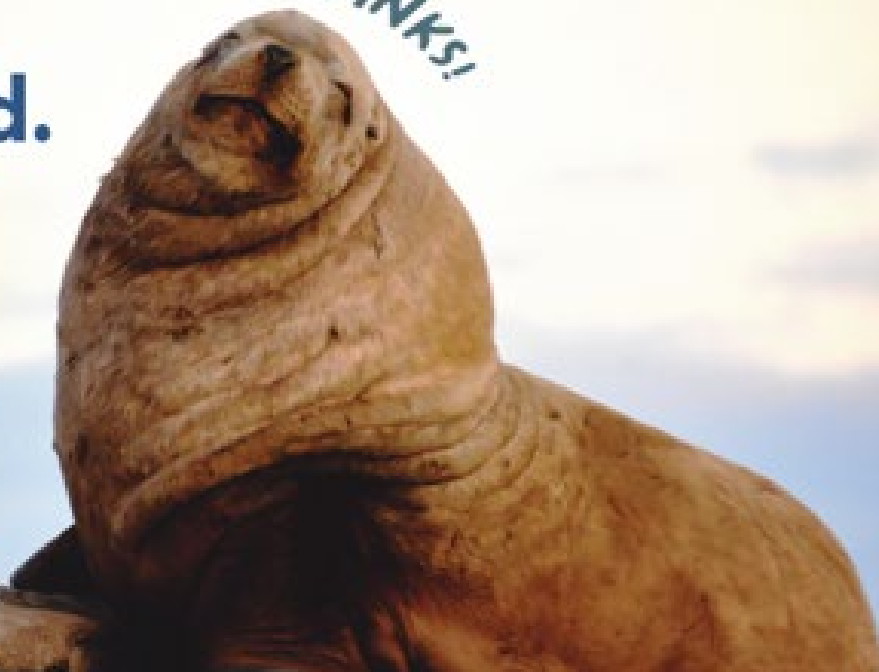
OTHER PROJECTS

- Microfiber Partnership
- Research with Ocean Wise & UBC



**Do your laundry in cold.
Our sea lions will
thank you.**

THANKS!



Thank You



5.4

Construction on North Road Trunk Sewer No. 2

Award of a Contract Resulting from Request for Proposal No. 22-009

SUPPLY AND INSTALLATION OF NORTH ROAD TRUNK SEWER NO.2 – PHASE 2 (LOUGHEED HIGHWAY TO CLARKE ROAD)

Colin Meldrum, P.Eng.

Director, Engineering, Design and Construction, Liquid Waste Services

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NORTH ROAD SEWER PROJECT

- Located on North Road between Brunette River and Clarke Road
- Addresses future growth in parts of Coquitlam and Burnaby
- When complete, will serve 15,000 residents and commercial / industrial facilities



PROJECT PHASES

Phases	Status
Phase 1A	Completed in 2020
Phase 1B	Target construction start in 2024
Phase 2	Target construction start in 2023



RFP 22-009 PRICING SUMMARY

Proponent	Proposed Cost
Clearway Construction Inc.	\$7,947,758.20
Hall Constructors	\$11,532,635.00
B&B Contracting (2012) Ltd	\$14,566,600.00
BEL Contracting	\$16,205,125.00

RECOMMENDATION

That the Board:

- a) approve award of a contract in the amount of up to \$7,947,758.20 (exclusive of taxes) to Clearway Construction Inc., resulting from Request for Proposal No. 22-009, subject to final review by the Commissioner; and
- b) authorize the Commissioner and the Corporate Officer to execute the required documentation once the Commissioner is satisfied that award should proceed.



Sunset



Questions?

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