

Integrated Liquid Waste and Resource Management Plan

DEVELOPMENT OF A REVIEW STRATEGY

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Liquid Waste Management Committee – June 18, 2020

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Background – Existing Plan

April 2002

- The Province approves the first GVRD Liquid Waste Management Plan

May 2011

- The Province approves the existing Integrated Liquid Waste and Resource Management Plan (ILWRMP) (with conditions)

Sept 2019

- The Ministry of Environment and Climate Change Strategy grants approval to extend the review cycle of the ILWRMP from eight to ten years (with conditions)

Background - Minister's Extension Conditions



- Involve and collaborate with Indigenous Peoples
- Refresh terms of reference for Environmental Monitoring Committee
- Review membership of Stormwater Interagency Liaison Group
- Submit one report for each of the GVS&DD receiving water bodies
- Promote transparency in monitoring reports
- Notify the public of sewer overflows in real time
- **Prepare a review strategy for the LWMP**

Due to Province by October 30, 2020

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Draft Engagement Phases for New LWMP

**Submit LWMP
Review Strategy
to Minister for
Approval
October 2020**

**Phase 1
(Q1 2021 – Q3
2021)**

Review ILWRMP.
Develop Vision,
Goals and Guiding
Principles

**Phase 2
(Q4 2021 – Q3
2022)**

Develop
Strategies and
Actions

**Phase 3
(Q4 2022 – Q2
2023)**

Review and
Revise Draft
LWMP

Timelines for engagement phases are approximate.
Project team will seek LWC and GVS&DD endorsement at each phase.

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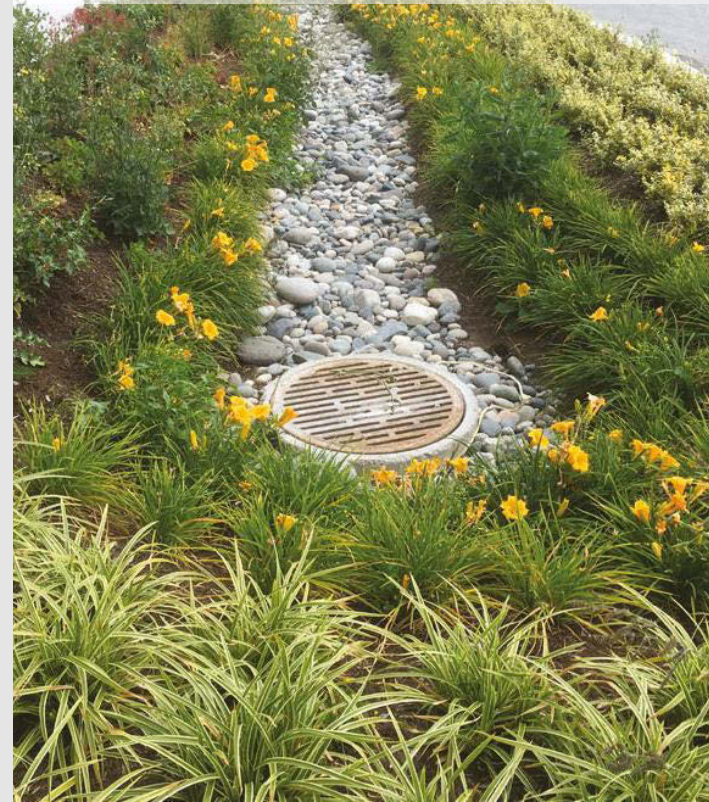
Audiences and Engagement Approaches

- Use of established committees for technical input
- Workshop series with member jurisdictions
- Customized approaches for local First Nations
- Public events for residents and businesses
- Community advisory panel (local environmental organizations, industry, academic community)

Preliminary Draft Focus Areas

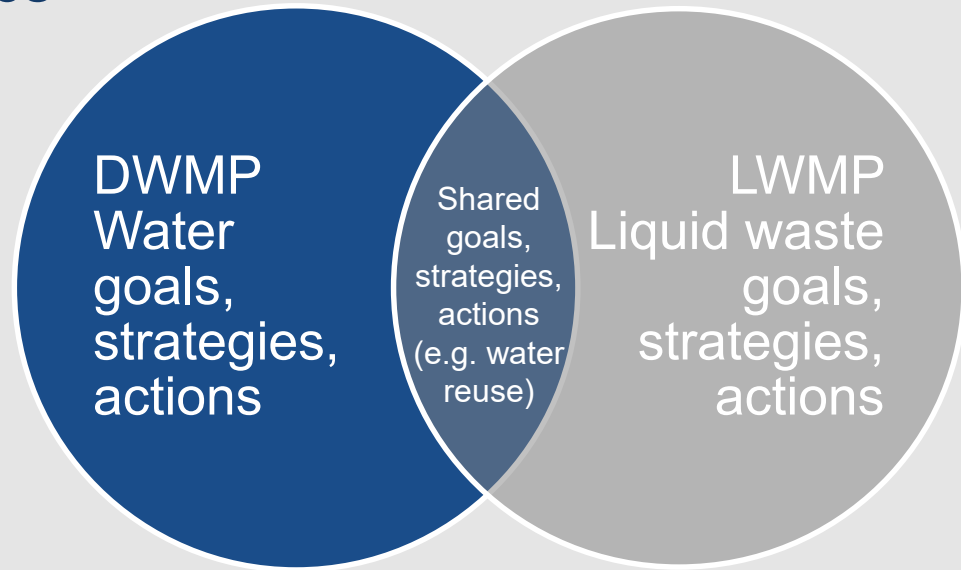
- Managing rainwater and stormwater
- Treating and managing wastewater
- Managing assets and risks
- Innovating for improved outcomes
- Collaborating to represent multiple interests
- Ensuring affordability, fiscal responsibility and fairness

Designing with Nature Using Green Infrastructure
Photo: City of Vancouver



One Water Opportunities

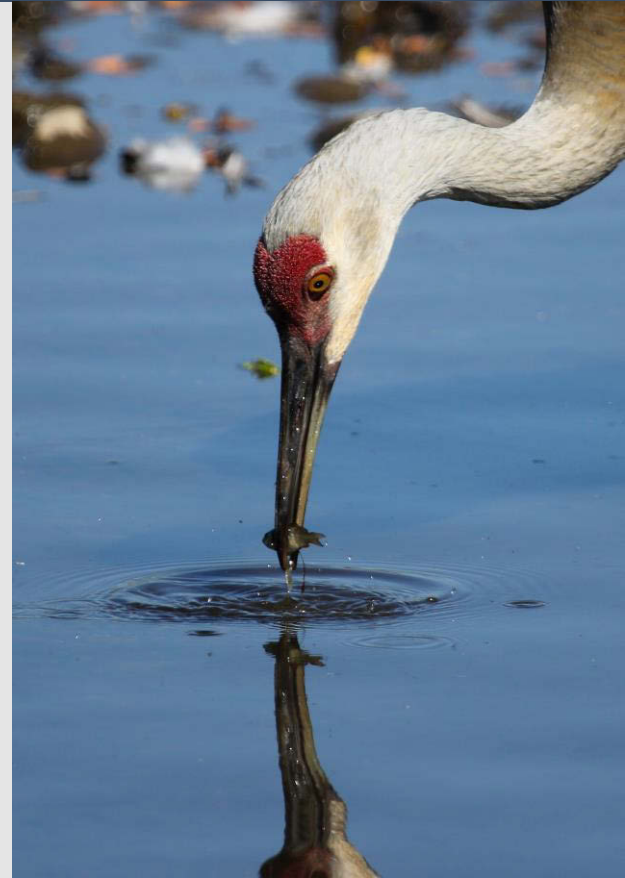
- Harmonized engagement processes
- Aligned performance metrics
- Turn challenges into opportunities:
 - Offset non-potable water demand by reclaiming rainwater via green infrastructure and wastewater at WWTPs
 - Water efficiency to reduce inflow and infiltration



Finalizing the Review Strategy

- Notification Phase (ongoing)
- Updated Regional Engineers Advisory Committee (May 1)
- Updated Regional Administrative Advisory Committee (May 21)
- Workshop with Regional Engineers and Administrative Advisory Committees (July 22)
- Submit review strategy to Liquid Waste Committee (Sept 17) and Board (Oct 2)
- Submit review strategy to Province (Oct 30)

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An aerial photograph of Vancouver, British Columbia, showing the city's skyline, the harbor, and the surrounding mountains. The city is densely packed with buildings, and the harbor is filled with ships and boats. The mountains in the background are covered in snow and partially obscured by clouds.

Questions?



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