




**Liquid Waste Management Plan Amendment**  
Presentation to the City of Nanaimo Council  
June 5, 2023


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## Wastewater Management



- Wastewater management is a key service provided by the RDN
- Greater Nanaimo Pollution Control Centre provides wastewater treatment for the City of Nanaimo

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## Greater Nanaimo Pollution Control Centre



- Also serves Lantzville, Snuneymuxw First Nation, BC Ferries
- Total 104,000 people
- Secondary Treatment
- Class B biosolids from its processes and solids trucked from DPPCC

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## Liquid Waste Management Plan



- Liquid Waste Management Plan is the RDN's long-range plan to manage wastewater
- Establishes **elector approval to borrow** funds for capital project
- The LWMP was last amended in 2014

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## LWMP Amendment



- The RDN is amending its LWMP to:
  - Continue protecting human health and the environment
  - Build on LWMP successes
  - Set new action items to reflect current priorities
  - Update the projects and timelines for projects in the 10-year Capital Plan
  - Communicate new cost estimates and borrowing



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## LWMP Amendment

- Organizes new action items into focus areas
- A Factsheet is available for each focus area

Factsheet 1: Wastewater Infrastructure

Factsheet 4: Education & Outreach

Factsheet 2: Biosolids Management

Factsheet 5: Administrative Tasks

Factsheet 3: Water Protection

Factsheet 6: Financial Planning



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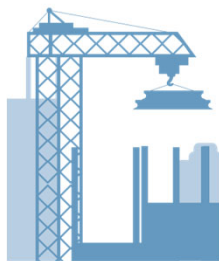
## Wastewater Infrastructure & Financial Planning



- Information on other focus areas available online
- LWMP Amendment lists 8 major capital projects in the next 10 years for GNPCC

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## What it Means for GNPCC



| Capital Project                            | Cost Estimate* | Variability |
|--|----------------|-------------|
| Departure Bay Pump Station Upgrade         | \$34,200,000   | 50%         |
| Hammond Bay Forcemain Twinning             | \$45,800,000   | 50%         |
| Wellington Pump Station Generator Retrofit | \$3,800,000    | 50%         |
| GNPCC Basement MCC Replacement             | \$2,100,000    | 25%         |
| GNPCC Grit & Sediment Tank Upgrade         | \$7,100,000    | 40%         |
| GNPCC Digester #1 Upgrade                  | \$3,100,000    | 50%         |
| GNPCC Reclaimed Water Upgrade              | \$500,000      | 50%         |
| GNPCC Old Outfall Pipe Decommissioning     | \$800,000      | 50%         |

\*2023 Dollars; \$71,500,000 may require borrowing; assumes no grants

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## What it Means For Sewered Areas



For illustration, based on the “average” home in Nanaimo

| Area    | 2023 Average Household Tax | Average Annual Increase | Total 10-Year Increase | Tax in 2032 |
|---------|----------------------------|-------------------------|------------------------|-------------|
| Nanaimo | \$234                      | \$27                    | \$246                  | \$480       |

## Community Feedback



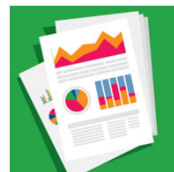
- Community feedback is crucial to the success of an LWMP Amendment
- An LWMP approved by the Province authorizes the RDN to put the plan in place and borrow funds

## Ways to Get Involved



- Meetings and open houses in May / June
- Survey: now until June 30

## Community Feedback



- Feedback
  - documented in a report
  - Published on project website
  - considered for the final LWMP Amendment

Project Website

**Get Involved RDN!**

[getinvolved.rdn.ca/lwmp-amendment](http://getinvolved.rdn.ca/lwmp-amendment)



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THANK YOU



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