

AGENDA ADDENDUM

SPECIAL MEETING OF COUNCIL

Monday, September 27, 2021

7:00 p.m.

Council Chamber

355 West Queens Road

North Vancouver, BC

Watch at <https://dnvorg.zoom.us/j/65345321120>

Council Members:

Mayor Mike Little

Councillor Jordan Back

Councillor Mathew Bond

Councillor Megan Curren

Councillor Betty Forbes

Councillor Jim Hanson

Councillor Lisa Muri



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AGENDA ADDENDUM

THE FOLLOWING LATE ITEMS ARE ADDED TO THE PUBLISHED AGENDA

4. DELEGATIONS

- 4.1. **Ms. Cheryl Nelms, General Manager, Project Delivery, Metro Vancouver**
Re: North Shore Wastewater Treatment Plant Project Update

Attachment 1: PowerPoint Presentation

8. REPORTS FROM COUNCIL OR STAFF

- 8.4. **Neighbourhood Response to Development Variance Permit Being Considered
September 27, 2021 – 2733 Byron Road**
File No. 08.3060.20/028.20

Report: Planning Assistant, September 23, 2021

Recommendation:

THAT the September 23, 2021 report of the Planning Assistant entitled Neighbourhood Response to Development Variance Permit Being Considered September 27, 2021 – 2733 Byron Road is received for information.

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Rendering of the North Shore Wastewater Treatment Plant

North Shore Wastewater Treatment Plant Program

PRESENTATION TO DISTRICT OF NORTH VANCOUVER COUNCIL

Cheryl Nelms, P.Eng., PhD.

General Manager, Project Delivery

District of North Vancouver Council Meeting: September 27, 2021

47830868

Metro Vancouver Liquid Waste System



NORTH SHORE WASTEWATER TREATMENT PLANT PROGRAM

Three projects working together to treat wastewater for the growing population on the North Shore and meet regulatory requirements



NORTH SHORE WASTEWATER TREATMENT PLANT PROGRAM

Comprised of three projects:

Wastewater Treatment Plant	Conveyance Project	Design for Decommissioning
<ul style="list-style-type: none">• Wastewater treatment plant• District energy• Tertiary treatment• ~36% complete• Contractual completion date: Sept 2023	<ul style="list-style-type: none">• Pump station and pipes• Pump Station: ~98% complete• Piping: ~60% complete• Scheduled completion date:<ul style="list-style-type: none">• Pump Station: Nov. 2021• Conveyance Piping: 6 months post completion of treatment plant	<ul style="list-style-type: none">• Existing treatment plant decommissioning• Site rehabilitation



DISTRICT OF
WEST VANCOUVER

DISTRICT OF
NORTH VANCOUVER

EXISTING LIONS GATE
WASTEWATER
TREATMENT PLANT

TIE INTO EXISTING
OUTFALL WITH
CHAMBER

EXISTING
OUTFALL

FIRST NARROWS
PUMP STATION

FUTURE PIPE
ALIGNMENT

NORTH SHORE
WASTEWATER
TREATMENT PLANT

SQUAMISH NATION
CAPILANO
RESERVE #5

Lions Gate Bridge

Lions Gate Bridge Rd

Welch St

Marine Dr

Mathias Dr

Lower Capilano Rd

Capilano

W 15 St

Tatlow Ave

McBride St

Welch St

Sowden St

Bowser Ave

15th St W

1st St W

McKeen Ave

Pemberton Ave

Pemberton Ave

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New Treatment Plant

North digester hopper pour

FEATURES OF THE NEW PLANT

- Improve the quality of wastewater released into the Burrard Inlet
- Feature a modern, enclosed design and robust odour control system
- Recover heat for use by the Lonsdale Energy Corporation as an alternative energy source
- Constructed to Leadership in Energy and Environmental Design (LEED) Gold and ENVISION Gold certification standards
- Include a public plaza, education and community meeting spaces



WHY TERTIARY

Better protecting the environment

- Reduces the release of potentially harmful chemicals into sensitive marine environment
- Mitigates and future proofs for regulatory changes
- Reduces future costs (incorporating it now is more affordable than adding it later)
- Reflects public, stakeholder, and First Nation feedback
- Reflects Metro Vancouver's commitment to protecting the environment and strengthening livability for residents

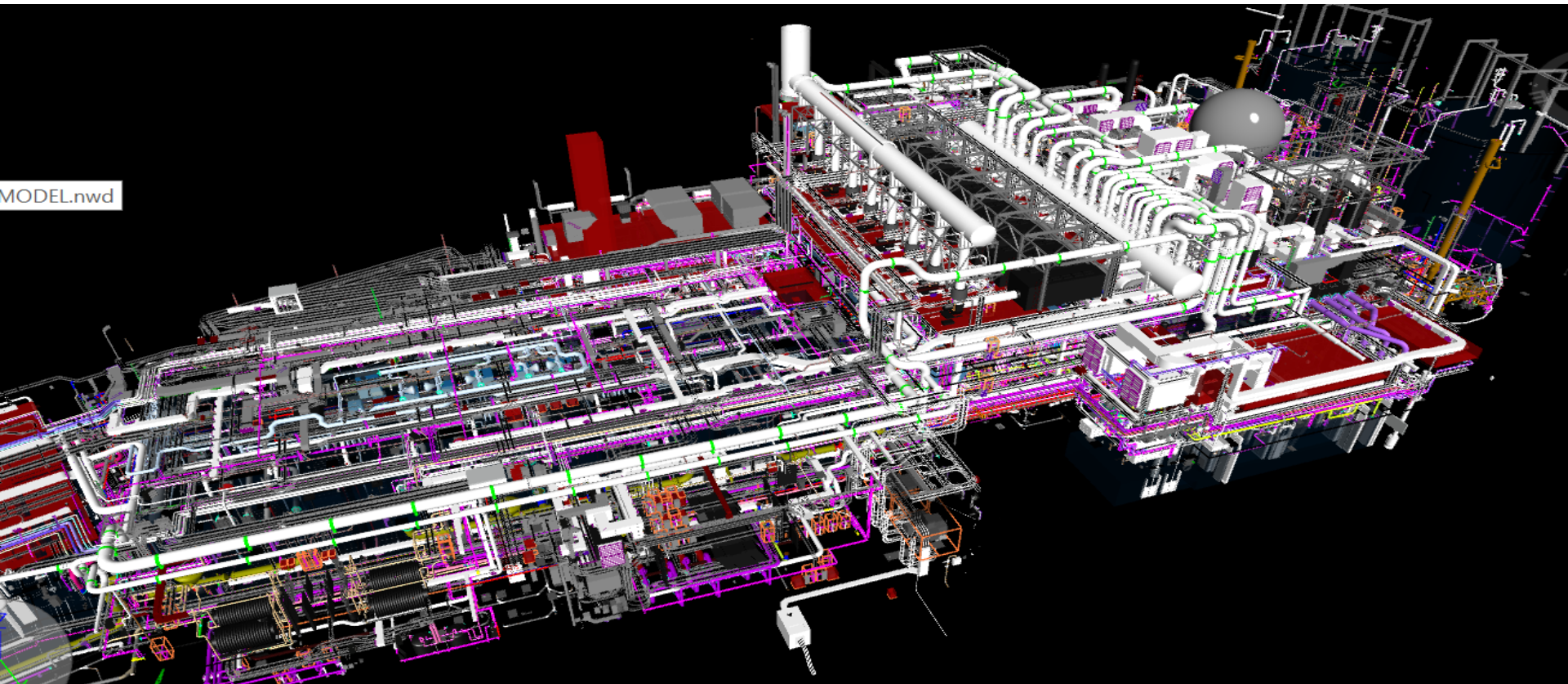


PROJECT COMPLEXITIES

- Unforeseen ground conditions
- Challenging geology
- Hydraulic complications
- Constrained site
- Aggressive schedule
- Urban location

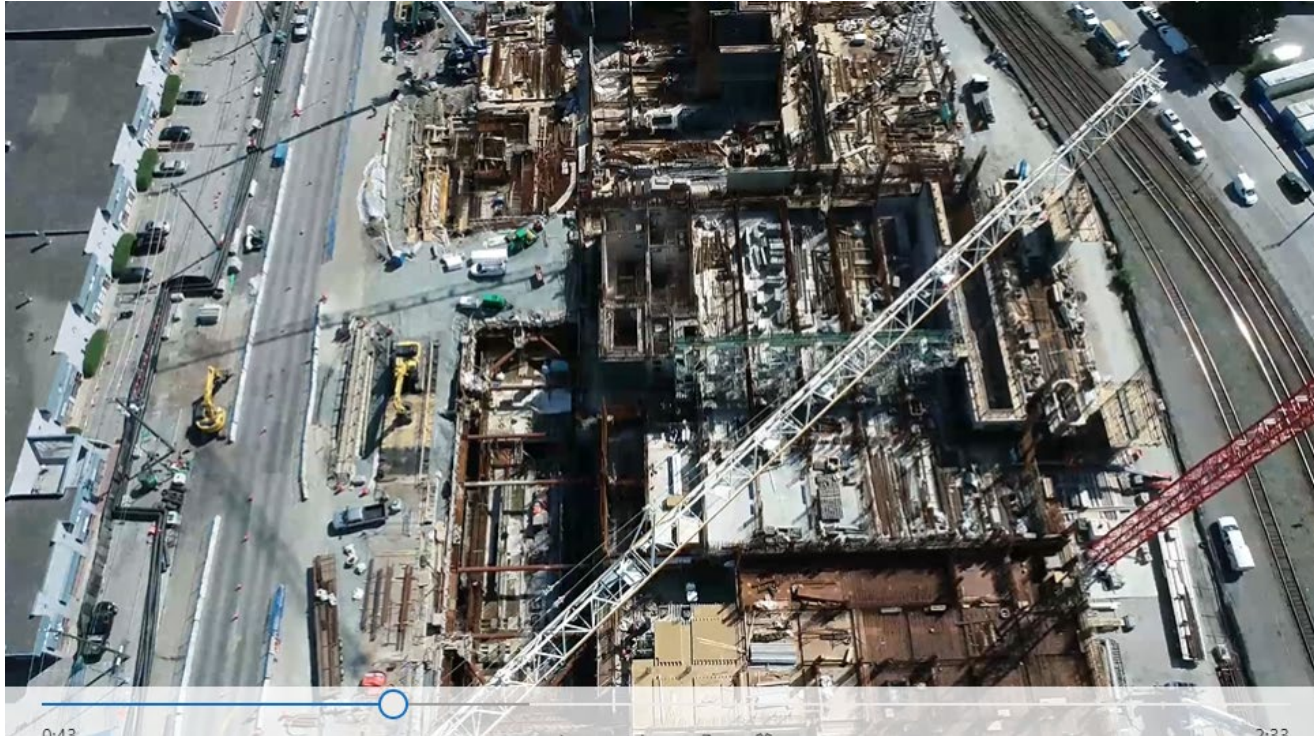


PROJECT COMPLEXITIES



PROGRESS OF DESIGN AND CONSTRUCTION

<https://1drv.ms/u/s!AqEGEGkISxU5ghUR2RtSJLJdn7bO?e=o9MCvV>





Conveyance Project

New pump station under Lions Gate Bridge

PUMP STATION

Featuring artwork by James Harry,
an artist from Squamish Nation



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WEST 1ST AVENUE

Nearing completion

- Current work to be completed this fall
- Includes improvements such as a greenway with bike paths and lighting enhancements





UPCOMING WORK

- Prepare for paving on West 1st Street over next 3 months
- Commissioning of new pump station
- Outfall pipe construction continues
- Construction of plant continues



Thanks

AGENDA INFORMATION	
<input type="checkbox"/> Regular Meeting	Date: _____
<input type="checkbox"/> Other:	Date: _____
<input checked="" type="checkbox"/> Addendum:	Date: <u>SEPT. 27, 2021</u>



The District of North Vancouver REPORT TO COUNCIL

September 23, 2021
Case: 08.3060.20/039.21
File: 08.3060.20/039.21

AUTHOR: Afrooz Fallah, Planning Assistant

SUBJECT: Neighbourhood Response to Development Variance Permit Being Considered September 27, 2021

RECOMMENDATION:

THAT Council receive this report for information.

REASON FOR REPORT:

In accordance with Council's request to receive an indication as to the number of residents receiving notification, and being in support or in opposition, the following information is submitted for the Development Variance Permit being considered on September 27, 2021.

DISCUSSION:

As of 10:00 a.m. on September 23, 2021:

Development Variance Permit 39.21 – 2733 Byron Road

14 notices were sent out to adjacent property owners/residents including the applicant and the Blueridge Community Association. No responses have been received.

Respectfully submitted,

Afrooz Fallah
Planning Assistant

**SUBJECT: Neighbourhood Response to Development Variance Permit Being
Considered September 27, 2021**

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REVIEWED WITH:		
<input type="checkbox"/> Community Planning	_____	<input type="checkbox"/> Clerk's Office
<input type="checkbox"/> Development Planning	_____	<input type="checkbox"/> Communications
<input type="checkbox"/> Development Engineering	_____	<input type="checkbox"/> Finance
<input type="checkbox"/> Utilities	_____	<input type="checkbox"/> Fire Services
<input type="checkbox"/> Engineering Operations	_____	<input type="checkbox"/> ITS
<input type="checkbox"/> Parks	_____	<input type="checkbox"/> Solicitor
<input type="checkbox"/> Environment	_____	<input type="checkbox"/> GIS
<input type="checkbox"/> Facilities	_____	<input type="checkbox"/> Real Estate
<input type="checkbox"/> Human Resources	_____	<input type="checkbox"/> Bylaw Services
<input type="checkbox"/> Review and Compliance	_____	<input type="checkbox"/> Planning
		External Agencies:
		<input type="checkbox"/> Library Board
		<input type="checkbox"/> NS Health
		<input type="checkbox"/> RCMP
		<input type="checkbox"/> NVRC
		<input type="checkbox"/> Museum & Arch.
		<input type="checkbox"/> Other: