

# CAPITAL PROJECTS UPDATE: AUGUST 2025



Settle down.

# PRESENTATION OUTLINE

- South Ruckle Project Update
- FMP Costs to Date
- FMP Capital Plan
- Valley Heights Electrical Update
- East Zone Reservoir Update



# STATUS UPDATE: WP3, SOUTH RUCKLE DIKE AND DRAINAGE NETWORK

- A. Dike Phase 1 (North of 63<sup>rd</sup> Ave) complete and providing flood protection
- B. Restoring public and private property impacted by construction
- C. Negotiating with private property owners regarding Phase 2a (dike South of 63<sup>rd</sup> Ave)
- D. Finalizing design of Phase 2a (dike South of 63<sup>rd</sup> Ave)
- E. Working on design and budgeting for Phase 2b (drainage network)
- F. Permitting applications and material procurement underway for Phase 2a and 2b; construction scheduled to start in September



## SOUTH RUCKLE MEMORIAL BENCHES

# WP3 PERMITTING UPDATE

Permit Name	South Ruckle Dike (North of 63 <sup>rd</sup> Ave)	South Ruckle Dike (South of 63 <sup>rd</sup> Ave)
Heritage Inspection Permit (HIP)	In Hand	In Hand
Archeological Impact Assessment (AIA)	Complete	Initial assessment complete. Construction phase monitoring required.
Site Alteration Permit (SAP)	Confirmed as Not Required	Not Required unless a discovery is made
Dike Maintenance Act Permit (DMA)	Complete	First Nations consultation completed. Formal application submitted (preliminary)
Letter of Advice (LOA) from Fisheries	Received. Extended to 2026.	LOA Received July 22 <sup>nd</sup> .
Fish Act Authorization (FAA)	Not Required	Assumed not required
Fish Collection Permit	Not Required	Assumed not required
Species at Risk Act (SARA) Permit	Covered by LOA	LOA Received July 22 <sup>nd</sup> .
Water Sustainability Act (WSA) Permission	S11 not required for dike. Confirmed also not required for outfalls.	S11 not required since work is away from the river.
License of Occupation (LOO)	No longer the preferred mechanism by Province for dikes	No longer the preferred mechanism by Province for dikes
Statutory Right-Of-Way over Crown Land	In Hand	In Hand
Interfor, Grand Forks Rail, TSBC, Rail tie-in Approval	Complete	Not required

# FLOOD MITIGATION PROGRAM COSTS TO DATE

Scope	Actuals to June 30th, 2025
WP1 - Downtown	\$ 23,415,467
Riverside Drive Stormwater Interceptor	\$ 4,742,080
WP2 a&b - North Ruckle	\$ 8,400,452
WP2c - Rockwool	\$ 5,169,862
WP3 – South Ruckle	\$ 3,526,130
WP 5 - Johnson Flats	\$ 1,850,019
WP 6 – Rural Erosion (Phase 1), by RDKB	\$ 434,390
WP 7 - Floodplain Restoration	\$ 2,110,035
Haz-mat Assessments	\$ 70,311
Demolition	\$ 1,326,080
<b>Capital Projects Subtotal</b>	<b>\$ 51,044,826</b>
Property (land)	\$ 6,662,181
Property (improvements)	\$ 7,392,035
Add. City Contributions (LAP)	\$ 3,468,814
<b>Property Subtotal</b>	<b>\$ 17,523,030</b>
Additional City Contributions (non-LAP)	\$ 1,359,278
<b>Grand Total</b>	<b>\$ 69,927,134</b>



# CURRENT FLOOD MITIGATION CAPITAL PLAN

## 2024+ Capital Plan

Project	Scope	April 2024 Reforecast (BAC)	Actual Costs (AC) to June 30th, 2025	Estimate to Complete (ETC)	Estimate at Completion (EAC) = AC + ETC	Variance at Completion (VAC) = BAC - EAC	Percent Complete
WP1	Program Wide Schematic Design; Downtown Dikes and Pump Stations	\$ 23,591,822	\$ 23,415,467	\$ 176,355	\$ 23,591,822	\$ -	99.3%
WP1	Riverside Drive Stormwater Interceptor	\$ 4,761,540	\$ 4,742,080	\$ 19,461	\$ 4,761,540	\$ -	99.6%
WP2 a&b	North Ruckle Trail Dike	\$ 8,439,271	\$ 8,400,452	\$ 38,819	\$ 8,439,271	\$ -	99.5%
WP2c	Rockwool Trail Dike	\$ 5,683,726	\$ 5,169,862	\$ 47,253	\$ 5,317,115	\$ 466,611	97.2%
WP3	South Ruckle Dike and Drainage Network	\$ 5,509,846	\$ 3,526,130	\$ 1,983,717	\$ 5,509,846	\$ -	64.0%
WP5	Johnson Flats Erosion Protection	\$ 1,850,019	\$ 1,850,019	\$ -	\$ 1,850,019	\$ -	100.0%
WP6	Rural Erosion Protection (Phase 1), by RDKB	\$ 814,992	\$ 434,390	\$ 380,602	\$ 814,992	\$ -	53.3%
WP7	Floodplain Naturalization and Habitat Offsetting	\$ 2,130,999	\$ 2,110,035	\$ 20,963	\$ 2,130,999	\$ -	99.0%
All	Haz-mat Assessments	\$ 70,311	\$ 70,311	\$ -	\$ 70,311	\$ -	100.0%
All	Demolition	\$ 1,328,080	\$ 1,326,080	\$ -	\$ 1,326,080	\$ 2,000	100.0%
	<b>Totals</b>	<b>\$ 54,180,607</b>	<b>\$ 51,044,826</b>	<b>\$ 2,667,170</b>	<b>\$ 53,811,995</b>	<b>\$ 468,611</b>	<b>94.9%</b>





# DEMOLITIONS





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Settle down.



# STATUS UPDATE: VALLEY HEIGHTS ELECTRICAL SYSTEM UPGRADE

- A. Civil Scope to install conduit, vaults and transformer pads nearing completion
- B. Significant bedrock removal required to date to install new underground system
- C. Work to restore sidewalks and boulevards commenced
- D. Electrical scope to install cables, new transformers and make electrical connections underway (contractor mobilized July 28<sup>th</sup>)
- E. Planned outages and transfer to new system expected to start mid-August



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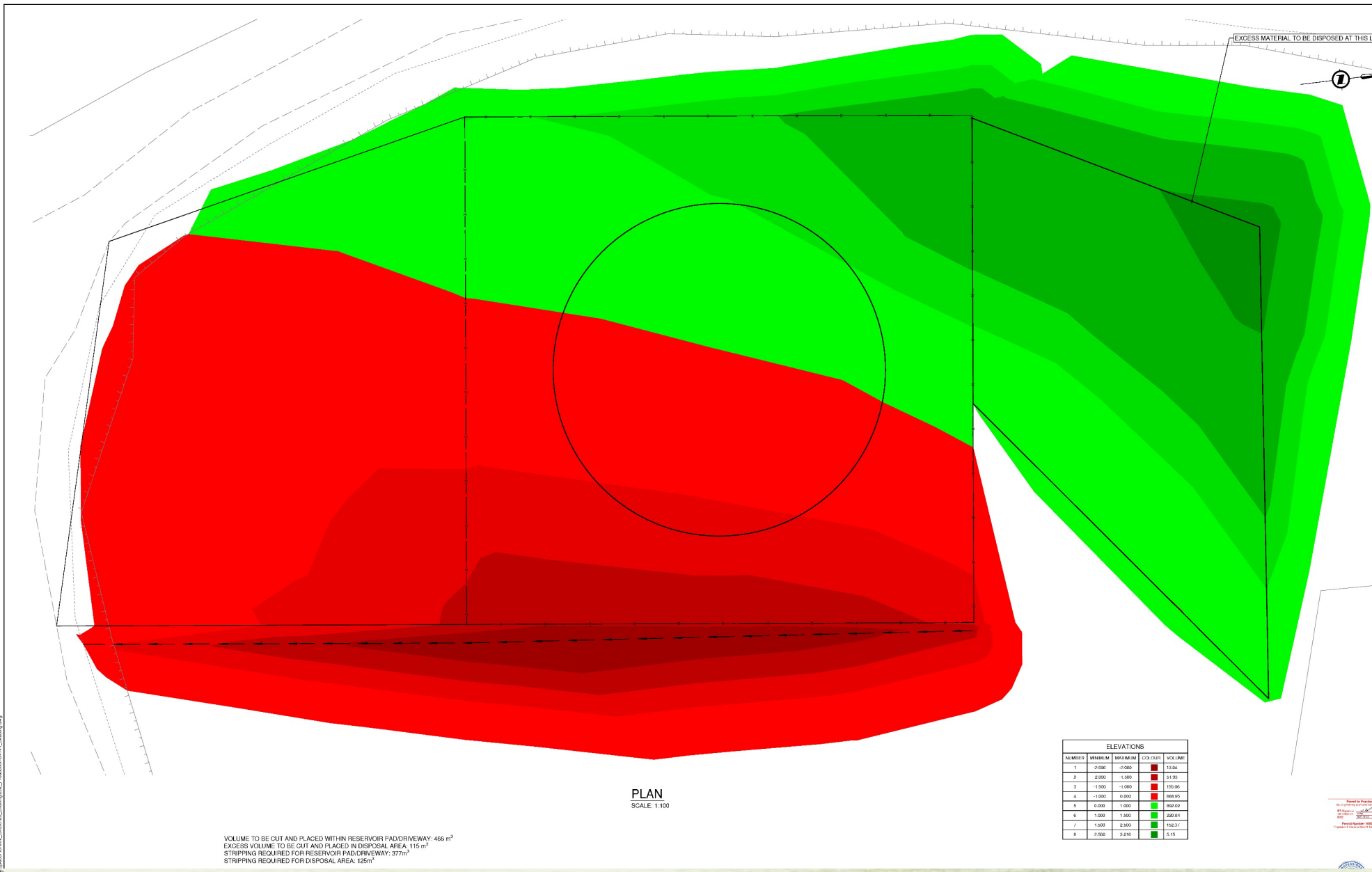
# STATUS UPDATE: WATER SYSTEM IMPROVEMENTS PROJECT

- A. Multiple compliant and competitive proposals received for tank supply – negotiations underway with leading proponent
- B. Request for Proposals (RFP) for tank pad preparation posted on BC Bid. Closing date August 14<sup>th</sup>

[https://bcbid.gov.bc.ca/page.aspx/en/bpm/process\\_manage\\_extranet/218059](https://bcbid.gov.bc.ca/page.aspx/en/bpm/process_manage_extranet/218059)

- C. Detailed design and budget development underway for reservoir site works (work outside tank footprint)
- D. Preliminary design and budget received for well blending piping; detailed design underway





VOLUME TO BE CUT AND PLACED WITHIN RESERVOIR PAD/DRIVEWAY: 466 m<sup>3</sup>  
 EXCESS VOLUME TO BE CUT AND PLACED IN DISPOSAL AREA: 115 m<sup>3</sup>  
 STRIPPING REQUIRED FOR RESERVOIR PAD/DRIVEWAY: 377m<sup>2</sup>  
 STRIPPING REQUIRED FOR DISPOSAL AREA: 125m<sup>2</sup>





**THANK YOU**