

CAPITAL PROJECTS UPDATE: JUNE 2025



Settle down.

Version 1.0

2025-06-03

PRESENTATION OUTLINE

- South Ruckle Project Update
- Habitat Channel Update
- Freshet Recap
- 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 63rd Ave) complete and providing flood protection
- B. Paving complete on new ramps crossing dike at 10th St
- C. Restoring public and private property impacted by construction
- D. Installing guardrail on lock-block wall for pedestrian and cyclist safety
- E. Negotiating with private property owners regarding Phase 2a (dike South of 63rd Ave)
- F. Working on design and budgeting for Phase 2b (drainage network)
- G. Permitting applications underway for Phase 2; construction scheduled to start September 2025 (tentative)



GUARDRAIL INSTALLATION





TRAIL PAVING



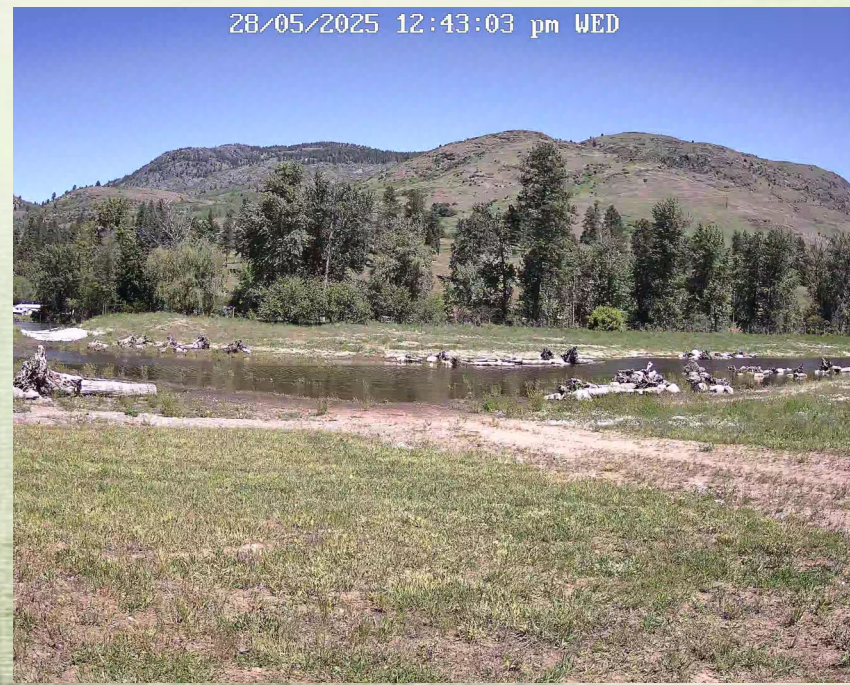
WP3 PERMITTING UPDATE

Permit Name	South Ruckle Dike (North of 63 rd Ave)	South Ruckle Dike (South of 63 rd 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.	Request for LOA submitted in May 2025
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	Awaiting LOA. On hold pending final design
Water Sustainability Act (WSA) Permission	S11 not required for dike. Confirmed also not required for outfalls.	S11 not expected to be required since work is away from the river. Pending final design.
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



HABITAT CHANNEL 2025

[TIMELAPSE VIDEO](#)



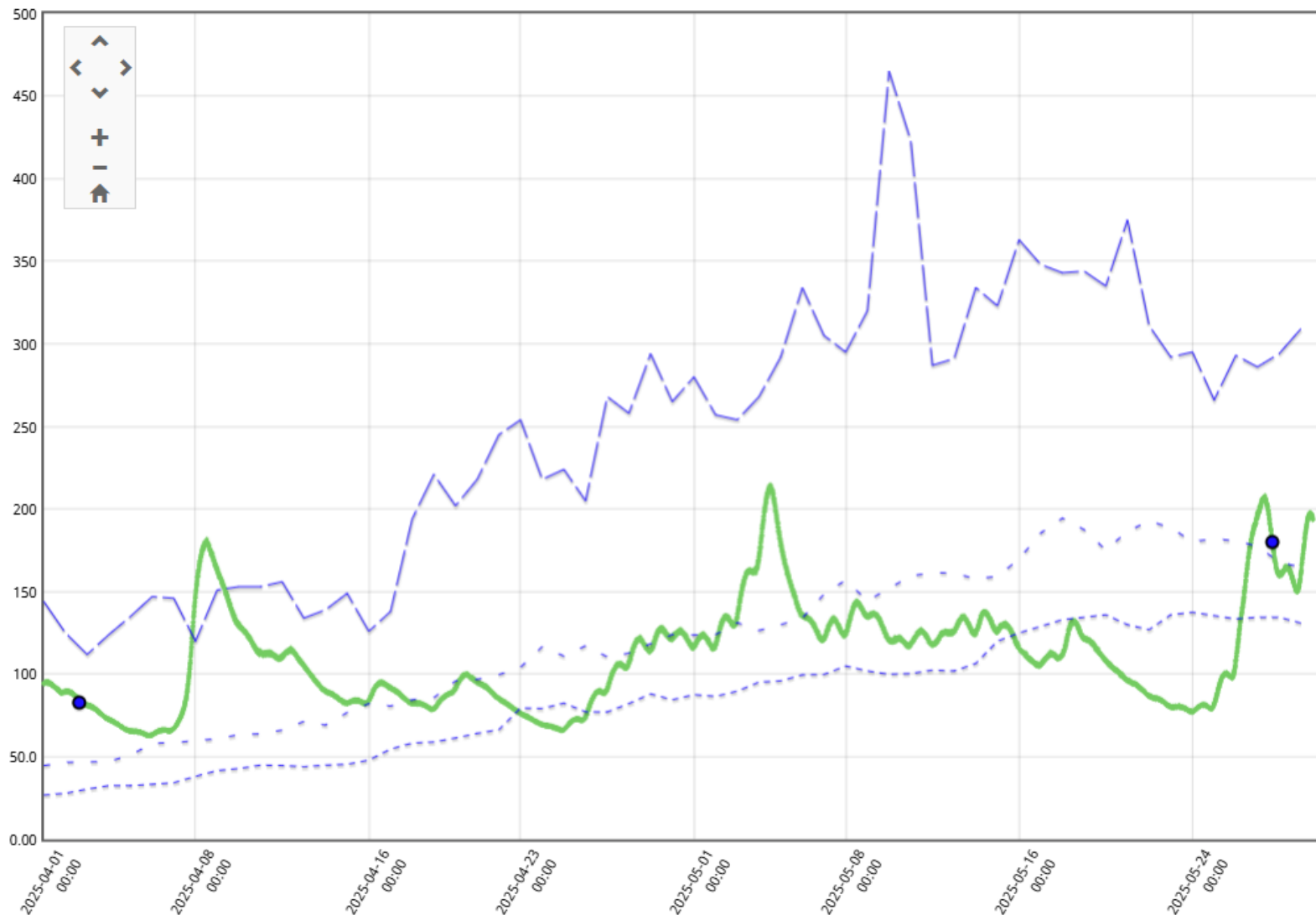
Granby at Grand Forks:
https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=08N002&mode=Graph&startDate=2025-04-01&endDate=2025-05-29&prm1=47&y1Max=&y1Min=&max1=1&median1=1&upper1=1&prm2=-1&y2Max=&y2Min=

Kettle River Near Laurier,
<https://waterdata.usgs.gov/monitoring-location/12404500/#period=P10Y&dataTypeId=daily-00060-0WA> - USGS Water Data for the Nation

▼ Legend

- Discharge (unit values) - Provisional
- - - Discharge (unit values) - Median
- Discharge (unit values) - Measurements
- - - Discharge (unit values) - Upper quartile
- Discharge (unit values) - Maximum

Discharge (unit values) (m³/s)





DEMOLITIONS



FLOOD MITIGATION PROGRAM COSTS TO DATE

Scope	Actuals to May 31st, 2025
WP1 - Downtown	\$ 23,418,860
Riverside Drive Stormwater Interceptor	\$ 4,742,080
WP2 a&b - North Ruckle	\$ 8,400,452
WP2c - Rockwool	\$ 5,147,731
WP3 – South Ruckle	\$ 3,386,061
WP 5 - Johnson Flats	\$ 1,850,019
WP 6 – Rural Erosion (Phase 1), by RDKB	\$ 434,390
WP 7 - Floodplain Restoration	\$ 2,111,036
Haz-mat Assessments	\$ 70,311
Demolition	\$ 1,326,080
Capital Projects Subtotal	\$ 50,887,020
Property (land)	\$ 6,662,181
Property (improvements)	\$ 7,392,035
Add. City Contributions (LAP)	\$ 3,466,064
Property Subtotal	\$ 17,520,280
Additional City Contributions (non-LAP)	\$ 1,340,223
Grand Total	\$ 69,719,631



CURRENT FLOOD MITIGATION CAPITAL PLAN

2024+ Capital Plan							
Project	Scope	April 2024 Reforecast (BAC)	Actual Costs (AC) to May 31st, 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	\$ 23,418,860	\$ 172,961	\$ 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	\$ 5,147,731	\$ 169,384	\$ 5,317,115	\$ 366,611	96.8%
WP3	South Ruckle Dike and Drainage Network	\$ 5,509,846	\$ 3,386,061	\$ 2,123,785	\$ 5,509,846	\$ -	61.5%
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	\$ 2,111,036	\$ 19,963	\$ 2,130,999	\$ -	99.1%
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%
	Totals	\$ 54,180,607	\$ 50,887,020	\$ 2,924,975	\$ 53,811,995	\$ 368,611	94.6%



STATUS UPDATE: VALLEY HEIGHTS ELECTRICAL SYSTEM UPGRADE

- A. Civil Scope to install conduit started May 26th
- B. Grinding pavement in preparation for removal
- C. Locating and daylighting existing underground utilities
- D. Evaluating electrical scope RFP responses
- E. Communicating with property owners to discuss permanent infrastructure location and construction activities



VALLEY HEIGHTS ELECTRICAL SYSTEM UPGRADE





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VALLEY HEIGHTS ELECTRICAL SYSTEM UPGRADE



Settle down.

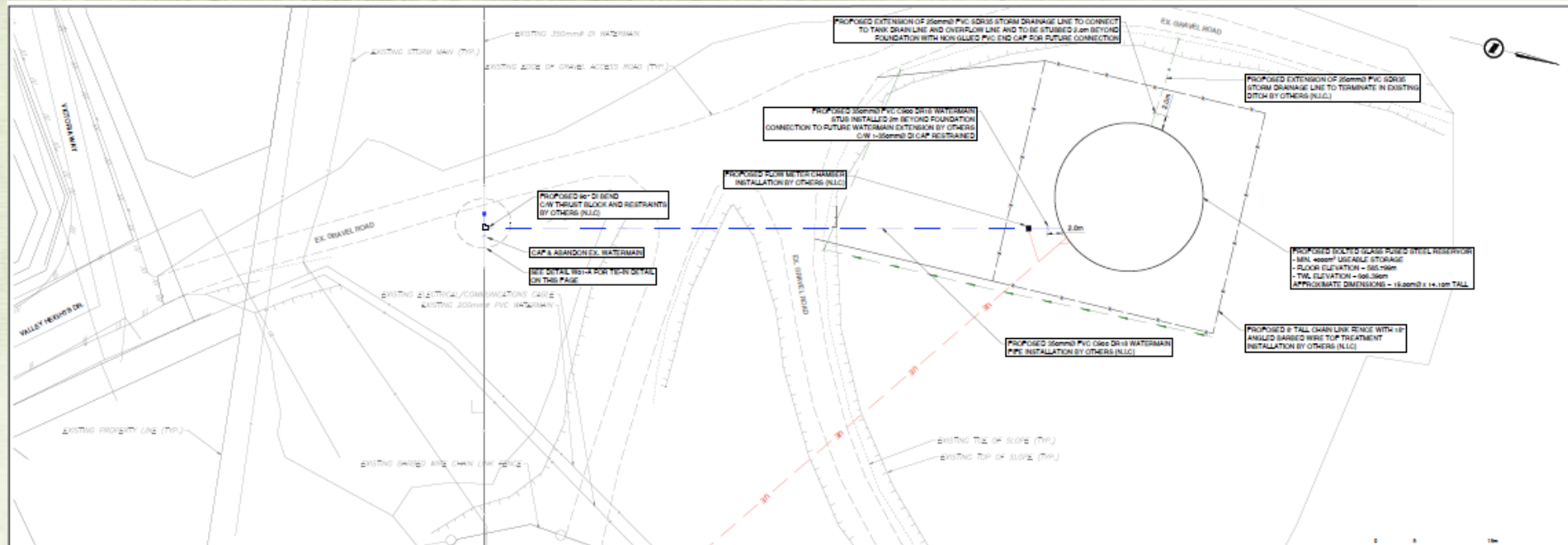


STATUS UPDATE: WATER SYSTEM IMPROVEMENTS PROJECT

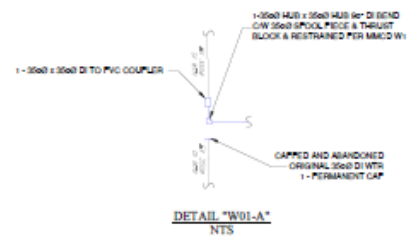
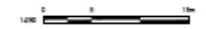
- A. Request for Proposals (RFP) for tank and foundation posted on BC Bid. Closing date June 26th

https://www.bcbid.gov.bc.ca/page.aspx/en/bpm/process_manage_extranet/215522

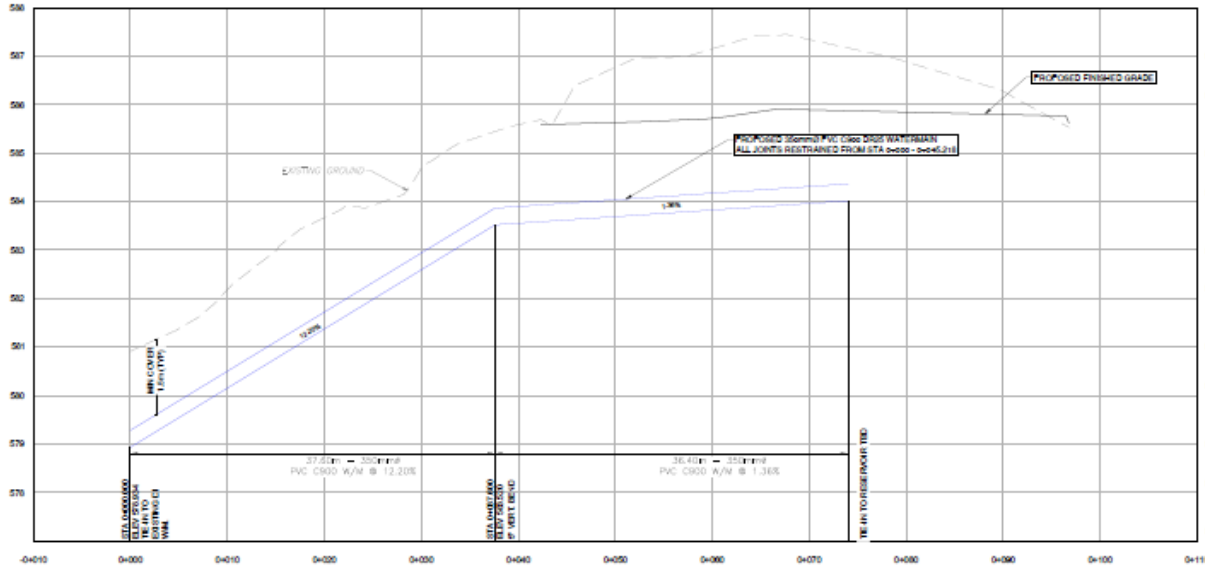
- B. Detailed design underway for reservoir site works (work outside tank footprint)
- C. RFP for site works under development
- D. Preliminary drawings received for well blending piping; detailed design commencing



PLAN
SCALE: 1:250



- NOTE**
1. THE LOCATION OF EXISTING UTILITY IS COMPILED FROM OWNER AND TILITY CO. RECORDS AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND DEPTH OF UTILITY SHALL BE DETERMINED BY CONSULTING THE LOCAL AUTHORITY AND TILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF UTILITY THROUGH THE TILITY COMPANIES AND SHALL BE RESPONSIBLE FOR RESTORATION OF ANY DAMAGE TO EXISTING UTILITY.
 2. WHERE BOTH HORIZONTAL LOCATION OR DATE OF INSTALLATION FROM ANOTHER TO SATISFACTORY OR OTHER RECORDS CAN NOT BE OBTAINED, ALL JOINTS ON THE MAIN AND VELL SHALL BE REINFORCED JOINTS ON ANY OTHER MAINS INSTALLED WITH OTHER RECORDS, TO BE TO THE APPROVED DETAIL.



PROFILE
SCALE: 1:250 (H) 1:30 (V)

ISSUED FOR TENDER DESIGN NO. 34141



REV. NO.	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
1	DESIGN FOR CONSTRUCTION	2025-05-29	FW	GA
2	REVISION FOR TENDER	2025-06-03	FW	GA



GRAND FORKS - EAST ZONE RESERVOIR REPLACEMENT
WATER SERVICING PLAN



SCALE	1:250	CREATION DATE	2025-05-29	DWG. NO.	34141
DRAWN BY	FW	CHECKED BY	GA	REV.	5
CHECKED BY	GA	APPROVED BY	GA		7
PLUT DATE	May 29, 2025				1

2025-06-03



THANK YOU