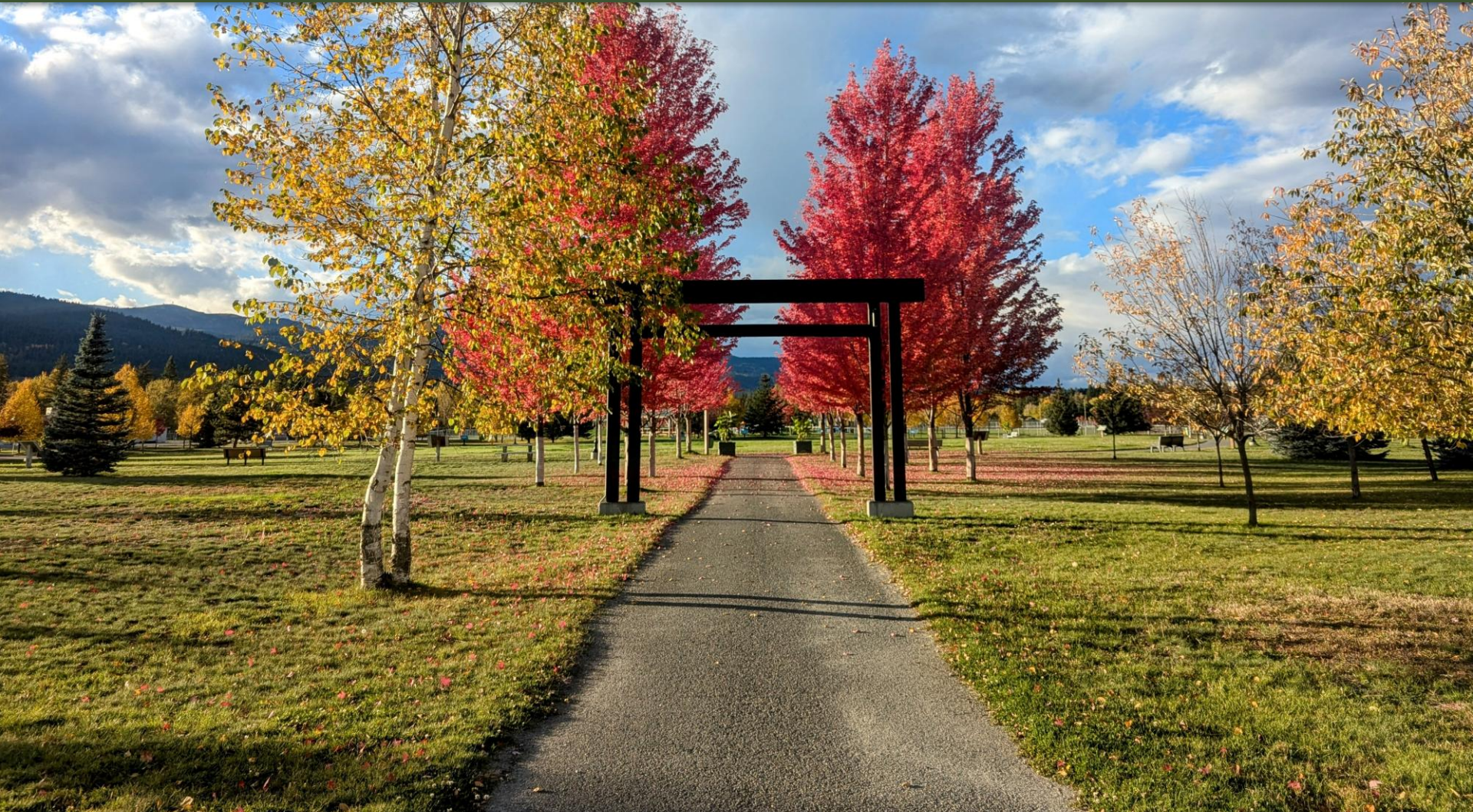


# District of Barriere

Capital Projects Update  
October 2025











# Presentation Outline

- **Waste Water Treatment Plant (WWTP)**
  - LCIP Watermain Extension
- **Water and Sewer SCADA System**
  - BBC Energy Retrofit
  - Solid Waste Dumpsters
  - Roads Paving Program
- **Hall Road Crossing – CN Rail**
  - Dump Truck
  - Bush Truck Replacement
- **Annual Firefighter Gear (Turnout Gear)**
  - Emergency Repairs

# Waste Water Treatment Plant (WWTP)

**Status:** Archaeological Risk Mitigation completed — no artifacts found.

## Next Steps:

- 2025 Q4  TRUE Consulting reviewing Nexom Final Design
- 2026 Q1  Order Nexom Equipment
- 2026 Q2  Nexom Equipment Delivery
- 2026 Q3  Nexom Commissioning
- 2026 Q4  Completion
- 2027 Q1  Start-Up



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Total Costs Remaining	Other Funding Received To Date
\$7,100,000.00	\$1,886,624.00	\$5,213,376.00	\$365,937.10	\$6,734,062.90	\$251,941.00

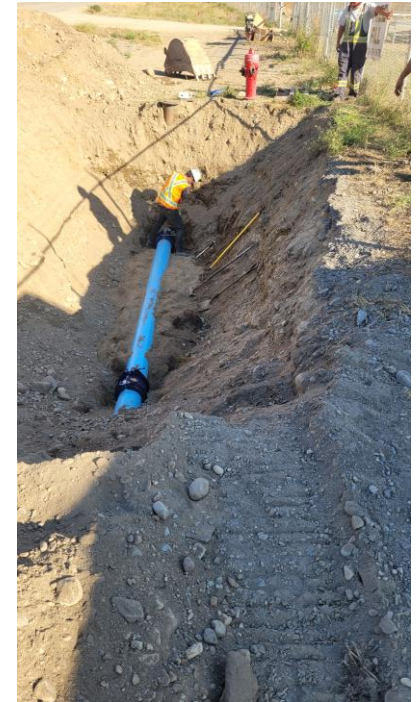
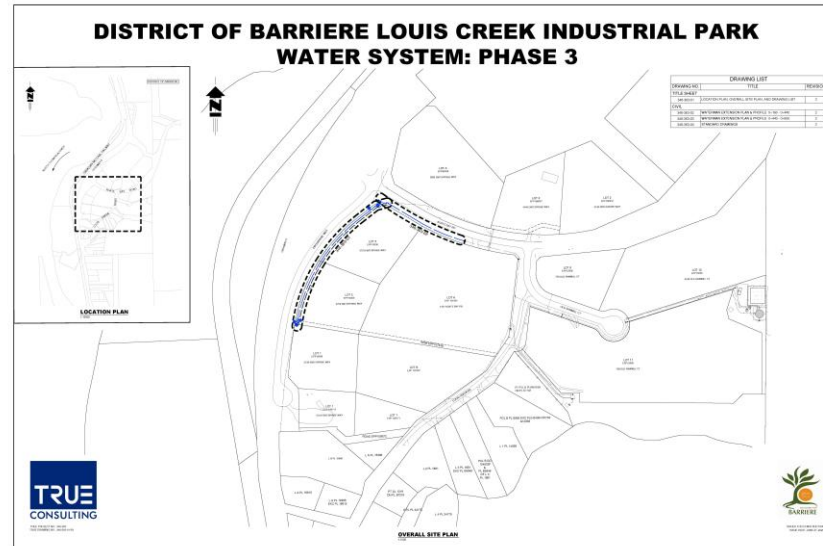


# LCIP Watermain Extension

**Status:** Completed – September 2025

## Summary:

The LCIP Watermain Extension has been completed, providing service to support development lots in the area. The project was primarily funded by the developers (Simpco and Sunny Spring) with the District contributing a contingency allowance to ensure successful completion.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Total Costs Remaining	Other Funding Received To Date
\$250,000.00	\$45,000.00	\$205,000.00	\$19,394.59	\$230,605.41	\$205,000.00

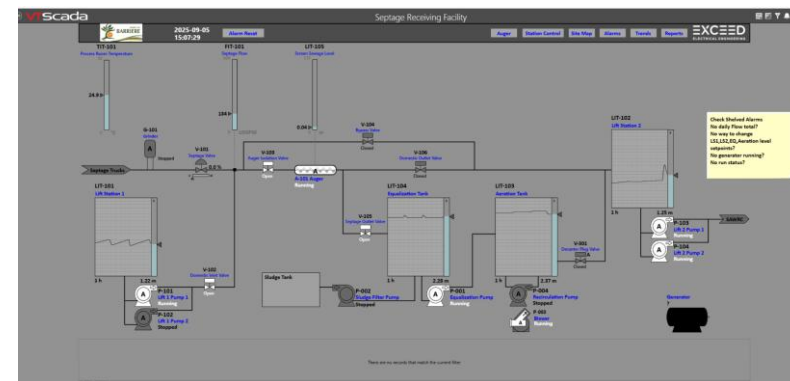
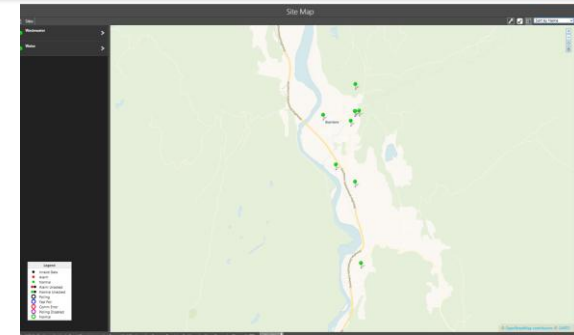
# Water and Sewer SCADA System

**Status:** Substantially Completed – Pending Computers Purchase

## Summary:

The SCADA (Supervisory Control and Data Acquisition) system was installed across the District's water and wastewater utilities, fully funded through COVID-19 relief funds. This new system modernizes operations by allowing real-time monitoring and remote control of pumps, reservoirs, and treatment processes. It reduces the need for on-site checks, lowers overtime call-outs, and improves system reliability.

Staff report that it is already helping with efficiency and will integrate seamlessly with the new Wastewater Treatment Plant, ensuring full system compatibility.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$110,000.00	\$0.00	\$110,000.00	\$101,236.92	\$8,763.08	\$110,000.00



# BBC Energy Retrofit

**Status:** Completed – Pending Inspection

## Next Steps:

Mid October  Final Inspection by Building Inspector

 Rent or Lease out 3 available spaces



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$120,000.00	\$0.00	\$120,000.00	\$103,000.00	~\$17,000.00	\$120,000.00

# Solid Waste Dumpsters

**Status:** Completed – August 2025

## Summary:

The District purchased an initial five solid waste dumpsters with a budget of \$15,000 that arrived in June 2025, now in place at the Septage Receiving site and available for inventory/new business needs.

An opportunity then presented itself to purchase an additional ten dumpsters with a budget of \$33,000. These were purchased and arrived in August, with discussions underway to allocate them for mobile home parks for deployment in 2026.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$48,000.00	\$48,000.00	\$0.00	\$46,250.00	\$0.00	\$0.00

# Roads Paving Program

**Status:** Completed – June 2025

**Summary:**

For the 2025 paving program, the District’s road contractor identified \$170,000 worth of urgent repairs. Staff reviewed this list and cross-referenced it with District data.

A total of \$100,000 was invested to complete approximately 9,300 square feet of paving on the highest-priority road sections, addressing the most immediate needs while avoiding overlap with future underground utility projects.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$100,000.00	\$100,000.00	\$0.00	\$100,000.00	\$0.00	\$0.00





# Hall Road Crossing – CN Rail

**Status:** Completed – June 2025

**Summary:**

CN Rail replaced the railroad track crossing on Hall Road, with paving required afterwards to finish the project. The District budgeted \$25,000 for the work with CN Rail. Final costs from CN Rail have not been received and could potentially be higher.

Additional paving was also required which was budgeted separately as repairs and maintenance at \$25,000 in the operations budget.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$25,000.00	\$25,000.00	\$0.00	\$0.00	\$25,000.00	\$0.00

# Dump Truck

**Status:** Completed – June 2025

**Summary:**

Council approved the purchase of a used dump truck from Simpcw, providing the District with a cost-effective addition to its fleet. This vehicle will support ongoing public works and maintenance needs.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$8000.00	\$8000.00	\$0.00	\$8000.00	\$0.00	\$0.00





# Bush Truck Replacement

**Status:** Completed – May 2025

**Summary:**

Council approved the replacement of the Fire Department's Bush Truck, which was purchased and placed in service, addressing long-standing safety and reliability concerns with the 2007 unit.

The new Bush Truck is already proving its value, having been deployed to wildfire operations to Fort Nelson in June, Quesnel in August and Puntzi Lake in September.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$350,000.00	\$350,000.00	\$0.00	\$333,286.87	\$0.00	\$0.00

# Annual Firefighter Gear (Turnout Gear)

**Status:** Completed – Pending Delivery

**Summary:**

Two sets of turnout gear were purchased in May and delivered in August 2025.

The forestry gear order was also placed several weeks ago, but delivery is still pending.



Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$20,000.00	\$10,000.00	\$10,000.00	\$9,183.30	\$10,816.70	\$10,000.00



# Emergency Repairs- DW3 Well Repairs

**Status:** Completed – October 2025

**Summary:**

To complete repairs on the DW3 well, the District temporarily shut down DW2 to maintain system balance and Stage 3 watering restrictions were put into place.

Next steps included five days of plunging to rehabilitate the well and restore performance. This work is essential to maintaining reliable water service and ensuring long-term well capacity.




Total Approved Project Budget	Total DoB Funding - Committed	Total Other Funding (Grant, etc.) - Committed	Total Costs To Date	Costs Remaining	Other Funding Received To Date
\$50,000.00	\$50,000.00	\$0.00	\$0.00	~\$50,000.00	\$0.00

# Capital Plan

Project	Total Project Budget	Costs To Date	Costs Remaining	% Project Complete
Waste Water Treatment Plant (WWTP)	\$7,100,000.00	\$365,937.10	\$6,734,062.90	10%
LCIP Watermain Extension	\$250,000.00	\$19,394.59	\$230,605.41	100%
Water and Sewer SCADA System	\$110,000.00	\$101,236.92	\$8,763.08	95%
BBC Energy Retrofit	\$120,000.00	\$103,000.00	~\$17,000.00	95%
Solid Waste Dumpsters	\$48,000.00	\$46,250.00		100%
Roads Paving Program	\$100,000.00	\$100,000.00		100%
Hall Road Crossing – CN Rail	\$25,000.00		~\$25,000.00	100%
Dump Truck	\$8,000.00	\$8,000.00		100%
Bush Truck Replacement	\$350,000.00	\$333,286.87		100%
Turnout Gear	\$20,000.00	\$9,183.30	\$10,816.70	99%
Emergency Repairs	\$50,000.00		\$50,000.00	100%
<b>TOTAL</b>	<b>\$8,181,000.00</b>	<b>\$1,086,288.78</b>	<b>\$7,076,248.09</b>	





An aerial photograph of a park in a suburban area. The park features a large, open grassy field in the center, a paved path winding through it, and a playground with various equipment in the foreground. There are several buildings, including a large white one with a red roof and a smaller one with a green roof. The surrounding area is filled with trees, some of which are showing autumn colors. The text "THANK YOU" is overlaid in the center of the image.

# THANK YOU