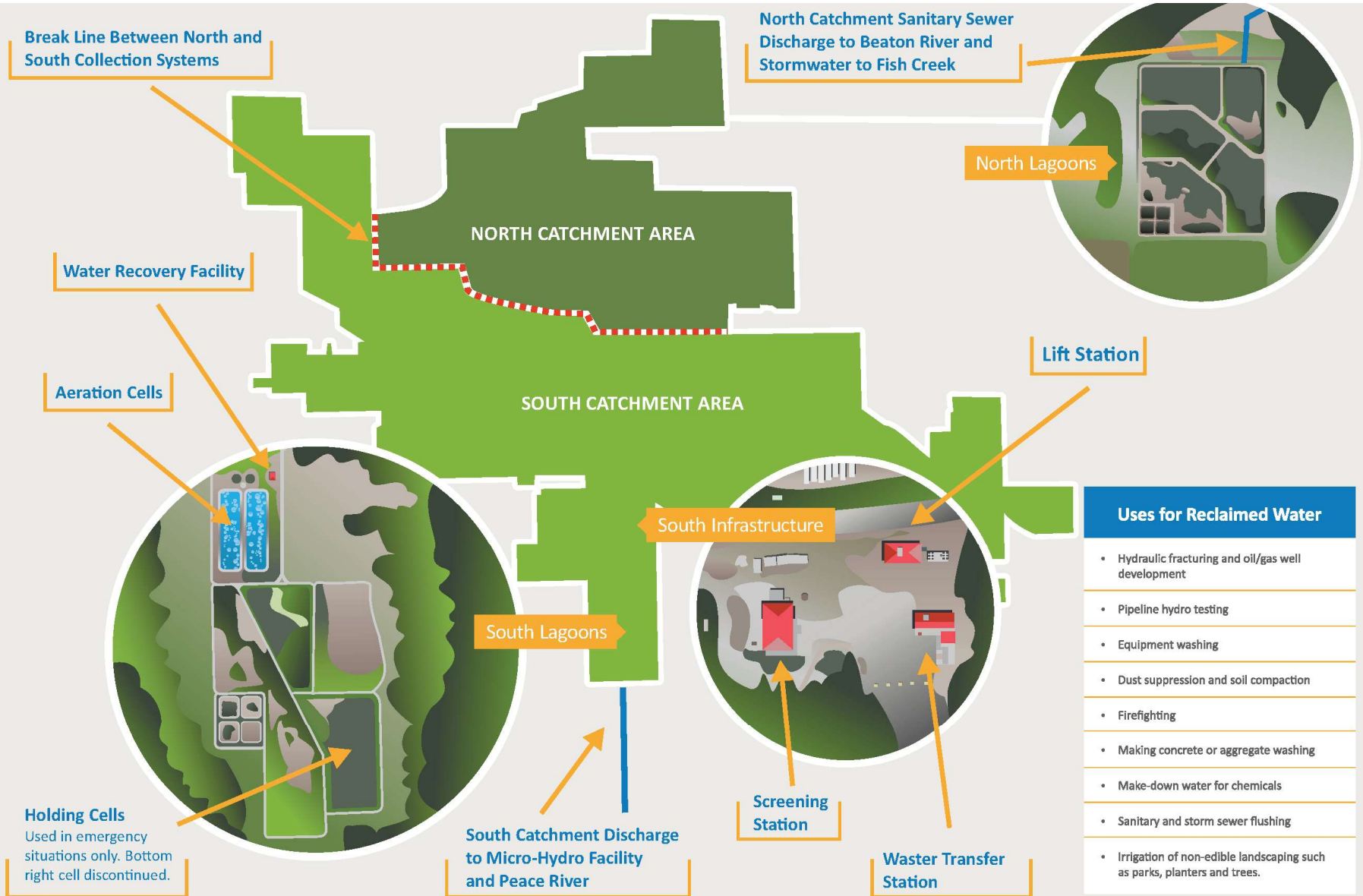




Reclaimed Water Facility

Your Affordable Industrial Water Alternative



History

Liquid Waste Management Plan

- Improve overall wastewater quality
- 2018-2020 Screening Station, Reclaimed water facility Phase 1 truck fill station and “purple pipe” installation
- 2025 Phase 2 - coagulation flocculation and disc filters
- Improved effluent quality and consistency of effluent for reclaimed sales and South Lagoon discharge

Upgrade Costs

- \$13.7 million total cost of upgrades
- \$6.5 million in federal and provincial grant funding
- Plans for increased capacity at the facility and a second truck fill station as demand increases



Benefits of Using Reclaimed Water

Reclaimed Water

- Easy Access off Alaska Hwy
- Cost \$3.50/m³(*truck fill*)
- Cost \$1.75/M³(*metered connection*)
- Flow rate 40-50 L/s (*adjustable*)
- Reduce strain on potable water system
- Reduce discharge volumes to the Peace River

Bulk Fill Station Potable Water

- Access of the West by-pass road
- Cost \$10.00/M³
- Flow rate 22 L/s
- Higher demand on current system

Reclaimed Water

Industrial Use Cases

- Hydraulic fracturing and well development
- Pipeline hydro testing
- Washdown water and washing equipment
- Fire-Fighting

Industrial Use Cases

- Make-down water for chemicals
- Making concrete and aggregate washing
- Dust control
- Construction

Volumes Sold

- 2022 – 17,700 m³
- 2023 – 22,000 m³
- 2024 – 32,160 m³
- 2025 – 8,050 m³

— Facility down for upgrades in 2025





Truck Fill Station

Address 9103 81 Ave, Fort St John, BC



For more information, contact the City of Fort St. John:
250-787-8150
fortstjohn.ca