



June 21, 2024

Our File: 346-000

District of Barriere  
4936 Barriere Town Road  
Barriere, BC V0E 1E1

Attention: Daniel Drexler, CAO

**RE: *Status of Active Work – District of Barriere***

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This letter has been prepared to provide the District of Barriere (the District) with an update of all active files currently ongoing on behalf of the District. Several important projects are ongoing that will provide lasting benefits for the community. Remarkably, all active files have been funded in full or partially through a combination of infrastructure grants and Provincial funding.

1. Louis Creek Industrial Park
  - Reservoir has now been insulated and is fully functional in an automated operation
  - As of now, the project is considered substantially complete and Certificate of Substantial completion is forthcoming
  - Exciting project
    - Fire protection is now available for this area
    - Reservoir provides balancing storage allowing the well to rest and not be “on demand” to keep up with service demands
2. Development Reviews
  - No active development reviews at this time.
3. Leonie Lake Dam Decommissioning Study
  - Interior Dams is underway with this work program.
  - They are slightly behind schedule due to inability to acquire archaeological assessment support in a timely manner. They have recently retained Sugar Cane Archaeology and that arch assessment work is now ongoing.
  - They are preparing conceptual removals design (partial and full) of the dam and looking at other options such as do-nothing and transfer of the water license to another water user. Early indications suggest that the recommendation will be transferring of the water license to another water user.
  - The schedule associated with this project is as follows:
    - ~~Consultation with regulator, background data collection and review and site investigation survey – March 31, 2024 – complete~~
    - Preliminary design assessments – April 30, 2024 complete
    - Preliminary design report – Summer 2024
    - Public consultation, Agency referrals, and First Nation Consultation – Fall 2024

#### 4. Floodplain Mapping

- TRUE has now completed floodplain mapping within the municipal boundaries. This work builds off previous assessments as completed by the Province in 1982 as well as work undertaken by BGC Engineering for a 3.5km long section of the lower Barriere River on behalf of the Fraser Basin Council.
- TRUE's work includes floodplain and hazard mapping for both the North Thompson River and the Barriere River
- Flood construction levels are known and can be applied in the design of the wastewater treatment plant and other projects, such as the OCP update.
- Final submission to the Province is the last step (TRUE to coordinate)
- Work was completed in time for March CEPF application
- Application for funding was submitted in March 2024 for Flood Mitigation Planning. Announcements are expected soon.

#### 5. Wastewater Treatment Improvements

- Grant funding requested in 2022 under the ICIP program for ~\$7.1M. Funding received in March 2024.
- Majority of the project involves construction of treatment improvements at the Septage Receiving Station site. Currently ~150 cmd. Design 500 cmd WWTP capacity.
- Class A effluent criterion to match MOE approvals from 2016. Eliminates requirement for public and First Nations consultation and eliminates requirement for additional Environmental Impact Assessment. Allows the District to proceed to construction as quickly as possible.
- Grant approval-in-principle notification: the costs for utility extension up Barriere Town Road was moved to "contingency" by the Province to ensure adequate funding was in place for the treatment component of the project. If budget allows, the District can apply for re-scoping to add that utility extension component of the project back in.
- Kickoff April 2024 once grant approvals finalized and executed
- First step was to tour wastewater treatment plants with Public Works staff to confirm treatment technology. Public Works staff confirmed their previous indication that SBR technology was preferred.
- Next Steps:
  - Complete archaeological overview assessment
  - Prepare a Specimen Design depicting the proposed works for submittal to MOE. Target Specimen Design completion by ~Aug 2024
  - MOE to complete review of the design submission. Typical published MOE review timelines is 3 to 6 months.
  - Specimen design is suitable for soliciting equipment supply and process guarantee from vendors
  - While MOE completes its review, TRUE will consider how the project can be advanced to the greatest extent possible to set the District up to construct as early as possible following MOE review and approval.
  - Following MOE review comments, final design and tender package to be prepared.
  - Construction to commence in 2025

6. Crown Land Application – Barriere Town Road
  - Proposed site development plan has been prepared
  - District has provided copy of Crown Land Application Management Plan to Simpcw for its review, comment and support. Awaiting response.
  - Lands will require services to be extended up Barriere Town Road
  - TRUE is in a holding pattern on this file
7. Development Approvals Process and Policy Review
  - LGDAP funding received ~\$139k (UBCM approval rec'd May 28)
  - Project kickoff – June 2024
  - Completion 8-11 months
8. On the Horizon
  - Subdivision and Development Servicing Bylaw / Servicing Standards Manual
    - Budget ~\$35k – funding from Provincial Capacity Funding (Jan 2024)
    - Outlay expectations for developers
    - Ex: Dixon Creek Rd
    - Schedule TBD
    - Council Resolution required to authorize TRUE to proceed
  - OCP Update – Adopted 2011
    - Budget ~\$90k – funding from Capacity Funding for Local Government Housing Initiatives (Jan 2024)
    - Can incorporate flood construction levels.
    - Schedule kickoff Fall 2024
    - Completion ~9-12 months
    - Council Resolution required to authorize TRUE to proceed
  - Development Approval Procedures Bylaw – Adopted 2009
    - Budget ~\$20k – funding from Capacity Funding for Local Government Housing Initiative
    - To be completed in concert with Development Approvals Process and Policy Review
    - Council Resolution required to authorize TRUE to proceed
  - Zoning Bylaw Adopted – 2014
    - To follow OCP Update
    - Keep ear to the ground for funding assistance opportunities
    - TRUE can support the District with this if desired.
  - Five Year Capital Plan – Maintain a capital plan that “looks forward” five years
    - Most of the identified infrastructure needs are related to roads
      - Pavement condition assessment recommended an annual investment of ~\$250,000 to maintain PCI in the community
      - Recommend advancing planning and design and construction on an annual basis
      - Top areas of focus include Amnesty Road, Oriole Way, Birch Lane, Kamloops St and Lilley Rd
    - Critical water main on Barriere Town Road is top priority for the water utility
      - Hope to include that in the forthcoming infrastructure extension component of the ICIP project. Will also include the re-paving of Barriere Town Road

It is noted that a Council resolution is required to authorize TRUE to proceed with the Subdivision and Development Servicing Bylaw / Servicing Standards Manual, OCP Update, and Development Approval Procedures Bylaw. TRUE can confirm that the funding received from Provincial Capacity Funding in January 2024 is sufficient to all for completion of these projects.

A proposed Resolution is as follows:

**THAT Council instruct Staff to contract TRUE Consulting Inc. for a maximum total budget of \$150,000, to complete the following projects for the District:**

- **Official Community Plan (OCP) refresh**
- **Subdivision/Development Approvals Bylaw projects**
- **Development Approval Procedures Bylaw**

**AND with the funding being provided in full by the Province towards these Ministry of Housing's Legislative Housing Changes as reported to Council on January 8, 2024.**

If questions arise regarding any aspect of the projects described in this correspondence, please do not hesitate to contact the undersigned.

Yours truly,

**TRUE CONSULTING**



Dave Underwood, P.Eng.

DU/er

# Wastewater Treatment Improvements Timeline

