



BRALORNE SEWER UPGRADE: Project Update October 9, 2018

What is complete:

- Gas Tax grant funding: \$1,999,530
- Detailed Engineering Design
- Acceptance of Rights-of-way (ROW's)
- Approval of the Environmental Impact Assessment
- MOTI Construction Permits
- Draft MOE Discharge Permit
- Location/rezoning for the secondary treatment plant
- Phase 1 Construction (in progress) awarded to Hazelwood Construction Services
- [Notice of Alternative Approval Process \(AAP\)](#) (in progress) to fund Phase 2

What is outstanding:

- Completion of Phase 1 (New Sewer Collection System) is scheduled for December 2018
- Funding for Phase 2 (New Waste Water Treatment Plant) is subject to approved funding via AAP noted above.
- MOTI subdivision approval
- Construction of Phase 2 (New Waste Water Treatment Plant) is subject to approved funding and scheduled to begin in the spring of 2019

What is the expected timeline?

Construction on the project began in late August and is underway with approximately 60% of the sewer mains completed. Construction on Phase 1 will continue into December. Subject to the outcomes of the [AAP process](#), Phase 2 will commence next spring and will include additional sewer mains, service connections and the installation of the new wastewater treatment plant located across from the entrance to the Bralorne Gold Mine near the Cadwallader Creek bridge.

Why did it take so long?

Securing a site for the wastewater treatment plant, proper rights of way for the collection system, Ministry of Transportation and Infrastructure (MOTI) construction permits for works in the roadways and a new discharge permit from the Ministry of the Environment as well as the limited construction window, all contributed to delays.

How much will the project cost?

The project has been divided into two phases to allow for construction to begin while additional funding sources are secured.

Phase 1	\$1,860,601
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Phase 2	\$999,929
Total	\$2,860,530

Why is it over budget?

Since 2015 (when the budget for this project was prepared) civil construction costs have increased by ~30% regionally. The SLRD and many other jurisdictions are currently struggling to deliver critical infrastructure projects (like this) in light of the current market conditions.

How will the project be funded?

Phase 1 Funding sources (secured)

Gas Tax Grant	\$	1,699,601
Bralorne Gold Mine Contribution	\$	10,000
Bralorne Sewer Reserve Contribution	\$	60,000
Area A Gas Tax Community Works Funds	\$	91,000
Total Funding	\$	1,860,601

Phase 2 Funding sources (unsecured)

Gas Tax Grant	\$	299,929
Loans up to	\$	700,000
Total Funding	\$	999,929

How much will it cost me?

The SLRD is proposing to take out a 30-year loan up to \$700,000* to complete this project. With current interest rates (~3.29%), the annual debt servicing costs (interest and principle) would be approximately \$38,750/yr.

~\$38,750 / 95 parcels = ~\$407.89* 1.0525 (Provincial collections fee) = **~\$429.31 per parcel per year.**

This cost would be in addition to the current Sewer charges of **\$285 per parcel per year.**

Total Sewer costs would be ~\$714 per parcel per year.

*Note: \$700,000 is the maximum loan amount. The SLRD will do everything in its power to reduce costs and save money wherever possible.

What happens next?

Notice of the [Alternative Approval Process \(AAP\)](#) will run from October 3 – November 13, 2018. If the AAP is successful, the SLRD will award the second Phase of the project to Hazelwood Construction services who will remobilize in the spring of 2019 to complete the project.

For additional information regarding this project, visit: www.slrd.bc.ca/BralorneSewer
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