

Bralorne Sewer System Upgrades: Summary of January 5, 2017 Community Meeting

SLRD Staff – Janis Netzel, Director of Utilities and Environmental Services
Ed Witwicki, Sr. Engineering Technologist
TRUE Consulting – Stuart Purves

Attachment – Site Drawings showing proposed alignment of new sewer mains and location of new treatment system.

Key Information from the Meeting:

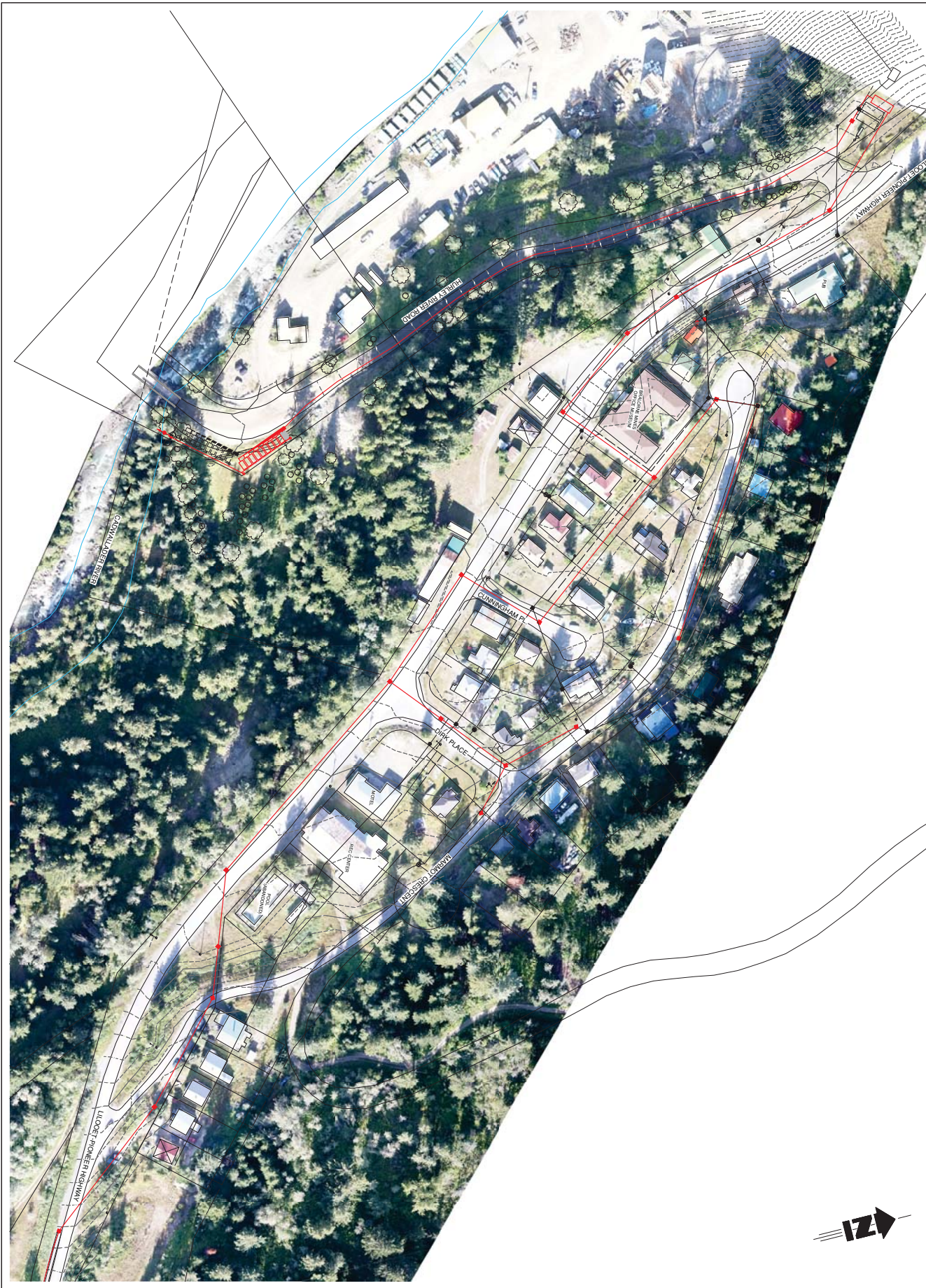
- 1) Treatment process – the plan is to implement a passive (no electricity required) treatment system that will achieve secondary level treatment. The system currently under consideration is a coconut husk filtration system that is well used in the eastern provinces. Interested residents can check out this proposed technology here: [Ecoflo Coco Filter](#). The grant application was successful as the technology met a number of criteria for the grant:
 - **Innovation** – unique treatment in that it requires no electricity
 - **Feasible to operate** – the operating costs for this type of treatment is expected to be met by the current tax requisition.
 - **Meets Ministry of Environment and Environment Canada effluent regulations** – new effluent (the treated wastewater) regulations require that the Bralorne Sewer System must meet higher treatment criteria than they system is currently capable of achieving. This system will achieve secondary level treatment.
 - **Cleaner Water** - the proposed technology will put cleaner water into Cadwallader Creek than the current septic tank system.
- 2) The plan is to move all services into the Ministry of Transportation road rights-of-way. This does complicate the design of the system, and will result in some homes needing a small sump pump in their basement. The cost to install a sump will be covered under this project. However, the ongoing operations and maintenance of the sump will be the responsibility of the homeowner.
- 3) The cost to tie in each lot is being covered by the project. Homes that require additional works other than simply connecting the exiting service to the new main will have those extra expenses paid for, following the approval of an estimate provided by a certified plumber. We are not yet settled on whether the cost of the works will be reimbursed to homeowners or if the SLRD will pay the plumber directly.
- 4) Other than the interruption in service on the day when a lot is tied into the new system, there are no anticipated extended service interruptions during construction (more than an hour or two). However, because the records for the

system are so poor, it is conceivable that some existing service pipes may be broken during construction and a brief service interruption may result - affected homeowners will be notified if this happens.

- 5) TRUE Consulting requests that homeowners mark up the service record card that was sent to them with sewage connection information. What will make the design process easier and the project less complicated at construction time (and less costly) is understanding the following information:
- Where the service currently lies on the property and where it connects to the home.
 - What plumbing is currently in your basement for those homes being supplied with a ground level service.
 - Any other information (such as a retaining wall or buried oil tank that might impact your service alignment).

Any questions or comments about the layout or design of the new system should be directed to TRUE Consulting (250-828-0881/spurves@true.bc.ca)

Any other questions (such as funding, project timing, etc.) should be directed to the SLRD (1-800-298-7753/jnetzel@slrd.bc.ca)



NO.	DATE	DESCRIPTION	BY	CHK
1		ISSUES / REVISIONS		

CONSULTANT'S SEAL

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BERALONI & ASSOCIATES
SANITARY SYSTEM
UPGRADES

TOWNSITE #1
OVERVIEW

SCALE	1:1750
TITLE	SU
DATE	JAN 2024
PROJECT NO.	649-015 02
PROJECT LOCATION	LOT 11
DRAWN BY	AM
CHECKED BY	AM
DATE	1/25/24

649-015 02
 1



NO.	DATE	REVISIONS
1	11/20/20	ISSUES / REVISIONS

CONSULTANT DATE: 11/20/20

TRUE CONSULTING
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 40 HONOLULU, HI 96813



**BRALORNE
 SANITARY SYSTEM
 UPGRADES**

**TOWNSITE #2
 OVERVIEW**

SCALE	1:1750
TOWNSHIP	5A
COUNTY	5th
DATE	11/20/20
PROJECT NUMBER	649-015-03
VERSION	3 OF 13
SHEET NUMBER	1

649-015-03
 3 OF 13
 1