



## INFORMATION REPORT

Bralorne Wastewater Permit  
Amendment and  
Pilot Project Update

**Date of Meeting:** Board of Directors - June 29, 2022

### Purpose

To provide an update on the operating permit amendment of the old Bralorne wastewater system and the pilot project to provide grant funding for two Whiting Avenue properties to connect to the new Bralorne wastewater system.

### Key Information

In September 2020 the Bralorne wastewater system, servicing 92 properties within the service area, was commissioned. In December 2020 the SLRD applied to the Ministry of Environment and Climate Strategy (MOECCS) for an operating permit amendment of the old Bralorne wastewater system to continue to provide fourteen (14) property owners on Whiting Avenue additional time to pursue the connection to the new infrastructure. The SLRD proposed a reasonable timeline (ten years) along with the rationale on when the Whiting Avenue properties will be on the new system.

It has been anticipated that this final portion of the project would be challenging due to the low-lying nature of these properties on Whiting Avenue and the need for connections to be made at the front of the property (existing infrastructure is in the back of the properties and is in trespass and the new sewer main, to which the properties are to be connected is now located at the front of the properties). Individual property owners would normally be responsible for all work at their own expense from the property line; however, the SLRD has previously committed to funding this portion of the work as well as the connection from the property line to the sewer main.

On April 27, 2022 staff received confirmation from MOECCS that the amendment permit process was complete and the discharge period for the old wastewater system had been extended to January 1, 2031. The expectation of the MOECCS is to have the remaining fourteen (14) Bralorne homes within the service area on the new system by this date.

The amendment process identified the following changes to the permit in order to bring the old system into compliance under the updated Municipal Wastewater Regulations for the extended ten (10) year term.

1. The outfall requires repair, addition of a sample port and for signage to be installed. SLRD staff have scheduled the outfall repair to take place immediately.
2. Maximum authorised rate of discharge is now 26.7 cubic metres per day, previously 61.5 cubic metres per day.



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3. Additional sampling requirements to align with updated Municipal Wastewater Regulations.
4. Outfall inspection within one year of issuance of permit and every five (5) years after.
5. An expiration date of January 1, 2031. After this date the permit will no longer be authorized.

In order to bring the remaining fourteen (14) homes on to the new system and comply with the MOECCS requirements to have the old system decommissioned a pilot project was introduced, at the [March 24, 2021 Board Meeting](#). The pilot project provided grant funding from Cost Centre #2800 (Bralorne Sewer) to connect two Whiting Avenue properties to the new system. The intent of the pilot project is to provide staff with information to develop a grant program to complete the remaining fourteen (14) connections on Whiting Avenue within the MOECCS permit expiration timeline.

As of June 2022, the property owners have not taken the opportunity to use the funding to connect to the new system and staff are reaching out to other residents for the pilot project. Staff are exploring alternate options for individual pumps that can be installed above ground which may assist with the excavation concerns between the homes. Once research is complete on the new pump options information will be shared with the property owners interested in the pilot project.

### **Budget Considerations**

Repair of the outfall and additional sampling requirements will be funded through the Bralorne Sewer Service (CC#2800). The service may go into a deficit if additional service maintenance is required in 2022 as these expenses were not anticipated; however, the budget will be monitored closely.

<b>Amended Permit Requirements</b>	<b>Budget</b>	<b>Notes</b>
Repair of outfall	\$3,200	Includes labour and materials.
Signage for outfall	\$200	



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### Next Steps

1. Staff will have outfall repaired, signage installed and inspected to maintain compliance with the permit amendment.
2. Share new pump options with the property owners who have showed initial interest in the pilot project.

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<b>Reviewed by:</b> Angela Belsham, Director of Environmental Services
<b>Approved by:</b> Craig Dalton, Chief Administrative Officer