

Report to Municipal Council



Meeting Date: September 18, 2024	Report Date: September 12, 2024
Reason Before Council: Policy Direction / Approval	Priority: Normal
Department: General Government	Type of Meeting: Regular Meeting

Report Title: Waste Collection System Manual and Septage Receiving Option

Recommended Resolution:

That Council approve the cost of \$10,060 + HST on an updated wastewater system manual. (see attached proposal).

That Council receive the correspondence from OCWA (Ted Smider) and provide further direction staff:

- Proceed with scheduling a sonar survey at an expected cost of \$15,000 to be completed next summer.
- Request OCWA as a vendor of record to provide a proposal to create a "Septage Plan" cost of such could be paid for by the general fund.

Analysis & Background:

Email received from OCWA:

"Hi Denis,

My apologies as I received the attached proposal when I was just getting back from AMO and it got lost in the shuffle.

As we discussed, attached is a proposal to prepare and complete an O&M manual for the St.-Charles Wastewater Facility.

It is an upset limit for budgetary purposes, but when completed you will be in compliance with MECP.



Also with respect to the lagoon and receiving septage, our Engineering Dept. offers the following upon review of a similar lagoon facility in Noelville, (French River) that currently accepts septage.

- There is no mention about receiving septage in the Noelville Lagoon ECA document.*
- French River does have a Septage Plan that also includes a capacity review for the lagoon in order to determine whether it can receive septage or not.*

Based on that information, we would say that St. Charles needs:

- 1. to retain a Consulting Engineer (CE) to develop a Septage Plan in similar fashion as Noelville (French River). This plan should include an in depth capacity assessment of the lagoon, projected volume of Septage to be disposed in the lagoon as well as a sonar survey and samples of the bottom to reflect current sludge volume accumulation and sludge type profile. (There may be a chance that a lagoon cleanout is warranted, TBD by the survey)*
- 2. I would also suggest that a consultation with a local MECP office may (or maybe not) be required.*

OCWA could act as the Owner's Engineers and manage this effort on behalf of St.-Charles. OCWA will have to retain a CE from the VOR roster to develop this plan/capacity assessment.

Based on the above as start, we would suggest a sonar survey in the spring be completed. I would suggest budgeting a rough amount of \$15,000, but we are working to get other surveys lined up to hopefully reduce that cost. Also we have determined that septage could initially be received directly into the lagoon without a receiving station. There would just need to be some small modifications done at the lagoon to minimize erosion of the berms.

Hope that helps as start and any questions, let me know. If you need something official to move forward with the sonar survey, again let me know.

Regards,



Ted Smider
Business Development Manager | Northwestern Region

Attachments:

- 2024-08-22 Proposal from OCWA for creation of wastewater manual

Prepared By: Denis Turcot, CAO