



REPORT

To: Electoral Area Directors Committee

Report Number: ENV-EADC-006

From: Kari Bondaroff, Environmental Services Manager

Date: November 2, 2020

Subject: Rolla Sewer Treatment Facility Condition Assessment

RECOMMENDATION:

That the Electoral Area Directors Committee receive the report titled “Rolla Sewer Treatment Facility Condition Assessment -ENV-EADC-006”, which includes the 2020 Rolla Wastewater Treatment Plant Assessment Report, as submitted by WSP Canada Inc., for discussion.

BACKGROUND/RATIONALE:

The 2019-2022 Strategic Plan of the Regional Board includes an Organizational Effectiveness Strategy that includes undertaking condition assessments for all PRRD owned assets. A condition assessment of the Rolla wastewater treatment system was completed in 2020 (see attached).

The 2020 assessment report outlines the current site conditions, safety concerns, lift station and infrastructure within, site drainage, lagoons, underground piping and infrastructure, and the outfall infrastructure. The immediate 1-3 year capital upgrades and replacements that were outlined are estimated to cost \$587,200.00.

A condition assessment for the wastewater collection system is slated for 2021 and will be reflected in the forthcoming draft 2021 budget.

STRATEGIC PLAN RELEVANCE:

- Organizational Effectiveness
- Develop a Corporate Asset Management Program

FINANCIAL CONSIDERATION(S):

As per page 25 of the document, there are six different areas of deficiencies that need to be addressed within the next three years in order to keep the Rolla sewer treatment facility operational. The areas of deficiencies include site conditions, lift station, lagoons, aeration system, piping, and outfall. Historically there has been very little funds allocated to the capital and operational reserve funds which are currently maintaining balances of \$10,528.25 and \$7,607.48 respectively.

A sludge measurement was not conducted during this condition assessment. Therefore, it is recommended that for 2021, the PRRD utilize a “sludge judge¹” to determine the amount of build-up there is within the lagoons. From this determination, a removal program can be developed and implemented.

¹ Piece of equipment that is inserted into the bottom of the lagoon to get a core sample.

Funding for capital works are detailed in the “Rolla Sewer Request for Funding” report #ENV-RBAC-005, which will be reviewed during the Rural Budgets Administration Committee meeting, scheduled for November 19, 2020.

COMMUNICATIONS CONSIDERATION(S):

None at this time.

OTHER CONSIDERATION(S):

None at this time.

Attachments:

1. 2020_Rolla WWTP Assessment Report-FINAL