



REPORT

To: Rural Budgets Administration Committee

Report Number: ENV-RBAC-033

From: Daris Gillis, Environmental Services Manager

Date: November 25, 2021

Subject: Rolla Sewer Collection System 2022 Capital Repairs

RECOMMENDATION #1:

That the Rural Budgets Administration Committee approve the supplementary request of \$330,000 payable from the Area D Community Works Gas Tax fund, to be issued to Function 607 - Rolla Sewer, as outlined in the 2021 Rolla Sewer Condition Assessment.

RECOMMENDATION #2:

That the Rural Budgets Administration Committee allocate \$20,000 from Area D Fair Share to be transferred into the capital reserve for Function 607 – Rolla Sewer in the 2022 budget.

BACKGROUND/RATIONALE:

The Rolla Sewer Collection System consists of a gravity collection system, a lift station immediately upstream of the lagoons, an aerated lagoon and blower system, a storage lagoon and a discharge outfall to Rolla Creek.

The Rolla Sewer system was built originally in 1977. In 2002, a second lagoon was added to the treatment facility and an aeration system was added to the original lagoon. As a result of a multitude of operational challenges there has been very little preventative maintenance performed on the existing treatment facility.

Aligning with the current Regional Board Strategic Plan, a condition assessment of the Rolla sewer collection system was conducted in 2021. The assessment revealed deficiencies within multiple areas of the system and includes recommendations for repairs and/or replacements within the next 1-3 years. Table 1 highlights the areas within the system that will require capital upgrades and replacement in order to maintain the integrity and functionality of the collection system. A 30% contingency has been added into the costs to account for inflation and or any other unforeseen circumstances.

Table 1. Estimated Cost of Repairs for 2022.

Area of Concern	Estimate Cost for Repairs/Replacement
Sewer Piping (Five sections of pipe)	\$ 235,000.00
Sewer Manholes (Six manholes)	\$ 65,000.00
Construction Oversight	\$ 30,000.00
Total:	\$ 330,000.00

A supplemental capital request form is attached for the Committee’s consideration.

ALTERNATIVE OPTIONS:

1. That the Rural Budgets Administration Committee provide further direction.

STRATEGIC PLAN RELEVANCE:

- Organizational Effectiveness
 - Develop a Corporate Asset Management Program

FINANCIAL CONSIDERATIONS

The Rolla Sewer System is made up of two parts: the collection system and the treatment system. Repairs and upgrades to the treatment system were previously budgeted for in 2021 and amounted to \$561,200. Funding for the treatment upgrades was allocated from Area D Gas Tax and will be rolled over into 2022 for completion. The collection system upgrades amount to \$330,000, bringing the entire system upgrades to a total of \$891,200.

As of October 31, 2021 the balance available after the remaining commitments in Electoral Area D are as follows:

- Peace River Agreement: \$592,594.35,
- Gas Tax Reserve fund: \$1,238,444.68, and
- Fair Share Reserve fund: \$1,854,311.67.

COMMUNICATIONS CONSIDERATION(S):

A public open house was held on November 16, 2021 to discuss the repairs planned for 2022.

OTHER CONSIDERATION(S):

None at this time.

Attachments:

1. 2021 Rolla Sewer Collection Condition Assessment
2. 2022 Rolla Sewer Capital Budget Request Form