



# REPORT

To: Rural Budgets Administration Committee

Report Number: ENV-RBAC-005

From: Kari Bondaroff, Environmental Services Manager

Date: November 2, 2020

**Subject: Rolla Sewer Request for Funding**

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## RECOMMENDATION #1:

That the Rural Budgets Administration Committee approve a funding commitment in the amount of \$50,000, payable from Electoral Area D Peace River Agreement Funds, Spending Item #9 – PRRD Sewer Services Assistance, to be issued to the Rolla sewer function – 607, to complete a condition assessment of the sewer collection system within the Hamlet of Rolla.

## RECOMMENDATION #2:

That the Rural Budgets Administration Committee approve a funding commitment of \$587,200, payable from the Area D Community Works Gas Tax fund, to be issued to the Rolla sewer function – 607, for the Rolla Sewer Treatment Facility capital work which include safety upgrades, road improvements, aeration system replacement, piping repairs, and upgrades to the outflow system.

## BACKGROUND/RATIONALE:

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 wastewater treatment facility was conducted in 2020. The assessment revealed deficiencies within multiple areas of the facility with recommendations for repairs and/or replacement within the next 1-3 years. Table 1 highlights the areas within the system that require capital upgrades and replacement in order to extend the years of life of the treatment system.

**Table 1. Capital Priorities for Repairs and/or Replacements within 1-3 years.**

Area of Concern	Estimate Cost for Repairs/Replacement
Site Conditions	\$152,200.00
Lift Station	\$16,000.00
Lagoons	\$10,000.00
Aeration System	\$202,000.00
Piping	\$27,000.00
Outfall	\$180,000.00
<b>Total:</b>	<b>\$587,200.00</b>

**ALTERNATIVE OPTIONS:**

1. That the Rural Budgets Administration Committee approve a funding commitment of \$50,000, payable from the Electoral Area D Community Works Gas Tax fund, to be issued to the Rolla sewer function – 607, to complete a condition assessment of the sewer collection system within the Hamlet of Rolla.
2. That the Rural Budgets Administration Committee approve a funding commitment of \$587,200, payable from the Electoral Area D Fair Share Reserve fund to be issued to the Rolla sewer function – 607, for the Rolla Sewer Treatment Facility capital work which include safety upgrades, road improvements, aeration system replacement, piping repairs, and upgrades to the outflow system.
3. That the Rural Budgets Administration Committee provide further direction.

**STRATEGIC PLAN RELEVANCE:**

- Organizational Effectiveness
  - Develop a Corporate Asset Management Program

**FINANCIAL CONSIDERATION(S):**

As of October 31, 2020 the balance available after the remaining commitments in Electoral Area D PRA is \$187,445, Electoral Area D Gas Tax Reserve fund is \$1,623,381 and Electoral Area D Fair Share Reserve fund is \$2,225,578.

**OTHER CONSIDERATION(S):**

Once capital upgrades and/or replacements have been conducted, operational plans will be updated to reflect the changes. These plans will include newly revised inspection schedules and operational procedures for ensuring that deficiencies are identified and repaired on an on-going basis. In addition, capital reserves will be maintained through planned budgeting and requisition to ensure that this function becomes self-sufficient.

## Attachments:

1. 2020\_Rolla WWTP Assessment Report -FINAL