



# REPORT

To: Rural Budgets Administration Committee

Report Number: ENV-RBAC-037

From: Daris Gillis, Environmental Services Manager

Date: November 25, 2021

**Subject: Friesen Sewer 2022 Condition Assessment & Capital Request**

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### RECOMMENDATION #1:

That the Rural Budgets Administration Committee approve the supplementary request of \$123,500 payable from the Area D Community Works Gas Tax fund, to be issued to Function 604 - Friesen Sewer, as outlined in the 2021 Friesen 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 604 - Friesen Sewer in the 2022 budget.

### BACKGROUND/RATIONALE:

The Friesen Sewer Collection system was originally constructed in 2005, with approximately 900m of sanitary sewer installed along Highway 97 and the Friesen Subdivision. The sanitary sewer system transports flows from thirteen connections in the subdivision into the City of Dawson Creek’s system.

Aligning with the current Regional Board Strategic Plan, a condition assessment of the Friesen Sewer Collection system was conducted in 2021 by McElhanney. The scope of the assessment was to determine the current condition and remaining service life of the system, and to identify required system repairs along with associated costs. The Friesen system is estimated to have over 30 years of remaining service life with proper maintenance and repairs. The cost for total replacement of the collection system in 2021 dollars is \$1,107,000.

Table 1 highlights the areas within the system that will require immediate repairs in order to maintain proper functioning of the collection system. Cost estimates have been built with a 30% contingency.

**Table 1. Cost of Repairs and Maintenance for 2022.**

Repairs/Immediate Maintenance	Estimated Cost of Repairs/Replacement
Sewer Piping	\$ 89,000
Sewer Manholes	\$ 4,500
Construction Oversight	\$30,000
<b>Total:</b>	<b>\$ 123,500</b>

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 CONSIDERATION(S):**

The current parcel tax requisition for the Friesen function is \$7,680. In order to cover the cost of replacement in 2051, staff are recommending that the full requisition limit of \$17,000 permitted through bylaw be applied starting in the 2022 budget.

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):**

None at this time.

**OTHER CONSIDERATION(S):**

None at this time.

Attachments:

1. 2021 Friesen Sewer Condition Assessment
2. 2022 Friesen Sewer Capital Request Form