



REPORT

To: Rural Budgets Administration Committee

Report Number: ENV-RBAC-036

From: Daris Gillis, Environmental Services Manager

Date: November 25, 2021

Subject: Function 602 - Chilton Sewer Condition Assessment & Capital Request

RECOMMENDATION #1:

That the Rural Budgets Administration Committee approve the supplementary request of \$186,190 payable from the Area D Community Works Gas Tax fund, to be issued to the Function 602 - Chilton Sewer, as outlined in the 2021 Chilton 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 602 - Chilton Sewer in the 2022 budget.

BACKGROUND/RATIONALE:

The Chilton Sewer Collection system was constructed in 2001, and consists of a lift station, and approximately 1 km of sanitary sewer pipe and associated manholes. The sanitary system conveys flow from the Chilton subdivision to the lift station and then conveys flow to the City of Dawson Creek’s infrastructure.

Aligning with the current Regional Board Strategic Plan, a condition assessment of the Chilton Sewer Collection system was conducted in 2021. The scope of the assessment was to determine the current condition and remaining service life of the system, and to identify system repairs along with associated costs. The Chilton 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 based on 2021 dollars is \$928,800.

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. Estimated Cost of Repairs and Maintenance for 2022.

Repairs/Immediate Maintenance	Estimated Cost of Repairs/Replacement
Lift Station	\$ 32,690
Pipes	\$ 91,000
Manholes	\$ 32,500
Construction Oversight	\$ 30,000
Total:	\$ 186,190

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):

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):

Staff recommend the establishment of a user fee bylaw to supplement the operational costs for preventative maintenance and repairs of pumps, manholes and sewer lines. Preventative maintenance will support the asset service life.

Attachments:

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