

Request for Decision



To: Regular Meeting
From: **Development and Engineering**
Date: May 7, 2018
Subject: Sewer Phasing Plan Draft Report
Recommendation: **THAT Council adopts the Sewer Phasing Plan report.**

Background

The City received funding under the 2017 Federal/Provincial Clean Water and Wastewater Fund to undertake a report on potential future expansion of the sewer collection system, which includes a prioritization of areas based on safeguarding the environment, the quality of the City groundwater supply, and public health.

The scope of the work is limited to those parts of the City (7 neighborhood areas) that currently do not have community sewer service (see figure 2.1). These areas utilize on-site septic tank and ground dispersal systems. It is not intended to address the functionality of the existing sewer network, which was previously examined as part of a multi-utility risk assessment exercise.

The assessment of risk factors provides a desktop overview of 5 parameters that relate to contamination risks:

- Soil types and permeability
- Slope
- Depth to groundwater
- Parcel size
- Distance to surface water and/or wells

Capital cost estimates are developed for retrofit sewer installation for each area and priority rankings are suggested for a retrofit sewer program.

The Department recommends that the Sewer Phasing Plan is utilized in the Official Community Plan and Capital Planning to service long-term needs of the City while protecting the aquifer.

Benefits or Impacts

Strategic Impact



Fiscal Accountability

- Create a plan for protecting the aquifer

- Infrastructure risk management and prioritization

Policy/Legislation

Official Community Plan; Asset Management Investment Plan

Attachments

Sewer Phasing Plan Report

Recommendation

THAT Council adopts the Sewer Phasing Plan report.

Options

1. RESOLVED THAT Council accepts the report.
2. RESOLVED THAT Council does not accept the report.
3. RESOLVED THAT Council refers the matter back to staff for further information.

Report Approval Details

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| Document Title: | 20180507_RFD_RMC_DevEng_SewerPhasingPlan.docx |
| Attachments: | - 2018-04-27-Grand Forks Sewer Phasing Plan Report v3 .pdf |
| Final Approval Date: | Apr 30, 2018 |

This report and all of its attachments were approved and signed as outlined below:

Dolores Sheets - Apr 30, 2018 - 9:13 AM

Diane Heinrich - Apr 30, 2018 - 1:31 PM