

Priorities Committee Meeting_Oct22_2019

STRATEGIC INITIATIVE AND UPDATE

Utilities- Department Business Plan Update

Report Purpose

To provide the Priorities Committee with an update on the Utilities Department Business Plan.

Our Prioritized Strategic Goals

Goal 5 - Foster collaboration through regional, community and governmental partnerships

Goal 4 - Ensure effective stewardship of water, land, air and energy resources

Goal 5 - Foster collaboration through regional, community and governmental partnerships

Goal 7 - Provide opportunities for public engagement and communication

Goal 9 - Continuously improving the way we work, as one organization, in an agile and sustainable manner

Report

Through positive leadership, continuous improvement, planning and stakeholder communication, Utilities manage and operate municipal utility infrastructure to provide reliable services; to promote and support a sustainable environment and healthy community. We build a foundation for our community to thrive and prosper.

Utilities has a team of dedicated and skilled professionals that support six core business functions to manage and operate municipal utility infrastructure, providing reliable service to County residents. Our core business functions are designed to ensure the department contributes to a sustainable environment and healthy community. The Utilities department is financially self-sufficient and does not use municipal property taxes to support operational or capital requirements except for recycling stations and enviroservices.

Federally and provincially, the Utilities department is required to comply with Environment Canada and Alberta Environment and Parks regulations and acts when providing service to County residents.

Department core business functions include:

Waste Management Services

- Green Routine residential waste collection services
- Residential events
- Recycling drop-off
- Household hazardous waste drop-off

Community Energy Services

- Heating services

Water

Strathcona County Utilities supplies water to many customers in the County including Sherwood Park, rural hamlets and country residential. Utilities operates three types of distribution systems: high pressure underground pipe system, bulk truck fill and a trickle system. The department also works with regional partners to ensure safe water distribution in the region. The Priority Based Budget programs under the Water core function are:

- Water Sampling
- Hydrant Spring/Fall Inspections

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- Water Valve Turning
- Unidirectional Flushing Program
- Meter Installation
- Water Infrastructure Repairs
- Utility Locates
- Billing Services
- Contracted Services for External Parties
- Pump-house and Reservoir Inspection, Maintenance and Cleaning
- Truck Fill Inspection and Maintenance

Wastewater

Strathcona County Utilities operates and maintains all underground sewer systems for Sherwood Park, Ardrossan, Josephburg, Collingwood Cove, Half Moon Lake, Antler Lake and South Cooking Lake. This includes gravity and low-pressure sewer systems from the property up to and including the lift station and lagoons. The Priority Based Budget programs under the Wastewater core function are:

- Mainline Flushing
- Camera Inspections of Utility Infrastructure
- Wastewater Infrastructure Repairs
- Lift Station Inspection, Maintenance and Cleaning
- Sewer Backup Response
- Service Lateral Preventative Maintenance Program
- Lagoon Inspection and Maintenance
- Source Control Program
- Operations Contracted Services for the Alberta Capital Region Wastewater Commission

Stormwater

The stormwater management system gathers rainfall and surface water runoff, and helps reduce the possibility of flooding and property damage in Sherwood Park and Ardrossan. The Priority Based Budget programs under the Stormwater Services core function are:

- Catch Basin Cleaning
- Stormwater Infrastructure Repairs and Inspection
- Stormwater Management Facility Inspections

Utilities Engineering

Utilities Engineering effectively plans, designs and manages the construction of safe and sustainable water, wastewater and stormwater infrastructure that promotes public health and safety

- Infrastructure Planning
- Utilities Asset Management
- Capital Projects Construction

Ongoing department initiatives include:

- Asset Management program for utility infrastructure
- Wet weather flow management plan – development and implementation
- Rural water service (new connections/marketing)
- Collingwood Cove lift station design and construction
- Broadview EnviroService operational enhancements

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Council and Committee History

December 6, 2018 Council approved the 2019 – 2022 Corporate Business Plan and 2019 budget.

Other Impacts

Policy: n/a

Legislative/Legal: n/a

Interdepartmental: Facility Services; Planning and Development Services; Transportation and Agriculture Services

Master Plan/Framework: n/a

Enclosure

1 Department Business Plan Update – Utilities presentation