



## General Departmental Summary

The Operations Department was primarily focused on projects and regular maintenance duties this quarter. There were no proposals this quarter. Four capital projects were completed in the quarter. The west end of Main Street and Rigaux Drive both had asphalt replaced, added landscaping to the roundabout, and installed a sidewalk on Schofield Street. The first phase of the raw water intake project was also completed this quarter, in quarter three the pump house will be built to complete the second and final stage of the intake project.

On April 20<sup>th</sup> a small leak was detected in the force main line between the sewage lift station and the sewage lagoons. It was all hands on deck on April 21<sup>st</sup> within the Operations Department as we worked swiftly to repair the leak. Vacuum trucks from the area were called in to help move sewage to eliminate a disruption of service or over flow of sewage while the repair was being done. After the pipe was exposed it was discovered that crack in the connection was the cause of the leak. The section of damaged pipe was removed and replaced. There was no environmental contamination and the repair was completed quickly. The lift station was back up and running by the end of the regular workday.



Figure 2: Force main pipe break.

## Streets and Water Distribution

### April – June 2015

- Completed contract sewer main flushing
- Sewer service repairs at 549 Main Street, 617 Kettles Street, 512 Kettles Street, and 511 Kettles Street
- Hydrant replacement at Rigaux Drive and Beverly McLaughlin Drive
- Water valve repairs at Robertson Avenue & Main Street and Veteran's Street & Tumbleweed Avenue
- Water service repair at the Heritage Inn
- Water main flushing
- Street sweeping and boulevard cleaning
- Street sign maintenance and replacement



Figure 3: Water service repair at Heritage Inn.

### Upcoming July- September 2015

- Continue water main flushing
- Continue street sweeping
- Crosswalk, curb, and parking lot painting
- Rabine application (dust control)
- Street sign maintenance and replacement
- Back alley maintenance



Figure 4: Paving Main Street.

## Solid Waste and Fleet Services

- Weekly garbage collection
- Vehicle repairs
- Equipment training
- Parts ordering
- Reuse Fair

## Water Treatment and Capital Projects

Sanitary wastewater approval # 95-MUN-080 April 1 – June 30, 2015

Total Volume Flows = 234,970 m<sup>3</sup>\*

Water treatment filtered and treated water for distribution April 1 – June 30, 2015

Total Volume Flows = 218,956 m<sup>3</sup>\*



Figure 5: Force Main Repair

#### April

- Removed and replaced solar panel at Castle River Repeater Station (SCADA Communications)
- Started collecting samples from Treated Sewage Cells at lagoons
- Installed flow meter in outfall line to creek at irrigation pump station as required in new regulations
- Removed and replaced 6x8 reducer on base of west irrigation pivot
- Ordered 18 replacement operating valves for water treatment plant as parts are no longer available for existing valves
- Repair Sewage Force Main between the second and third valves north of the lift station
- Performed regular maintenance, repairs and testing at water works and sewage collections systems
- Changed the oil in all town owned stand-by generators, five in total
- Renovations were started at Town Office (BMT Construction)
- Had meetings with Associated Engineering and Environment in preparation for new water intake on Pincher Creek

#### May

- Started maintenance procedures for servicing air/vacuum valves on sewage force main
- Renovations at the town office completed
- Main Street and Rigaux Drive milling and asphalt projects have been completed
- Closed in all sides of Pincher Creek Raw water intake for safety purposes as it is no longer useable
- Started Schofield Street sidewalk projects by sending out letters and meeting with residents and the contractor
- Reviewed drainage issues at St. Michael's Track, upgrades are set to begin in early July
- Construction on the new Raw Water Intake commenced
- Had meetings with engineers and contractors for planning water line replacement and storm sewer installation



Figure 6: Raw Water Intake Project

- Performed routine maintenance and repairs at water and wastewater facilities
- Performed routine water sampling and testing as per regulations

### June

- Construction of Schofield Street sidewalk 90% completed
- New raw water intake is completed including creek bank restoration
- Construction of the new raw water pump house is expected to start near the end of June
- Several meetings with engineers, environment and contractors took place in preparation for approvals and construction on various upcoming projects
- Working on sewage force main air/vacuum valve servicing project
- Talked to engineers, the Director and contractors in an effort to plan unexpected necessary repairs to valves and fittings in chambers at various locations on sewage force main
- Performing necessary steps for approval in preparation to release treated sewage from the lagoons to the Pincher Creek
- Ordering materials and planning for the drainage project at St. Michael's Track
- Working with the Director and BMT Construction on the Lebel Mansion fence project



Figure 7: Completed creek bank at water intake site



Figure 8: Irrigation at Sproule Field.

## Facilities and Open Spaces

### April

- Dug 2 full grave
- Dug 3 urn graves
- Summer staff started
- Paint lines in sports fields
- Cut grass
- Playground checks
- Float diamonds
- Wired bike park camera system
- Fertilize trees
- Irrigation meter installation, start up and repairs
- Painted Pinchers

- Paint vet park rails
- Playground weed removal and rake gravel/sand
- Weed whip

### May

- Dug 2 urn graves
- Put up campground numbers
- Campground maintenance and repairs
- Cleaned out fire pits
- Paint picnic tables
- Garbage pickup around
- General playground maintenance
- Cut grass
- Float diamonds
- Pick weeds and weed whip
- Trimmed trees in graveyards
- Trimmed hedge in Cenotaph Park
- Paint sports lines
- Removed dead trees
- Paint rails around town



Figure 9: One of the Town's mowers.

### June

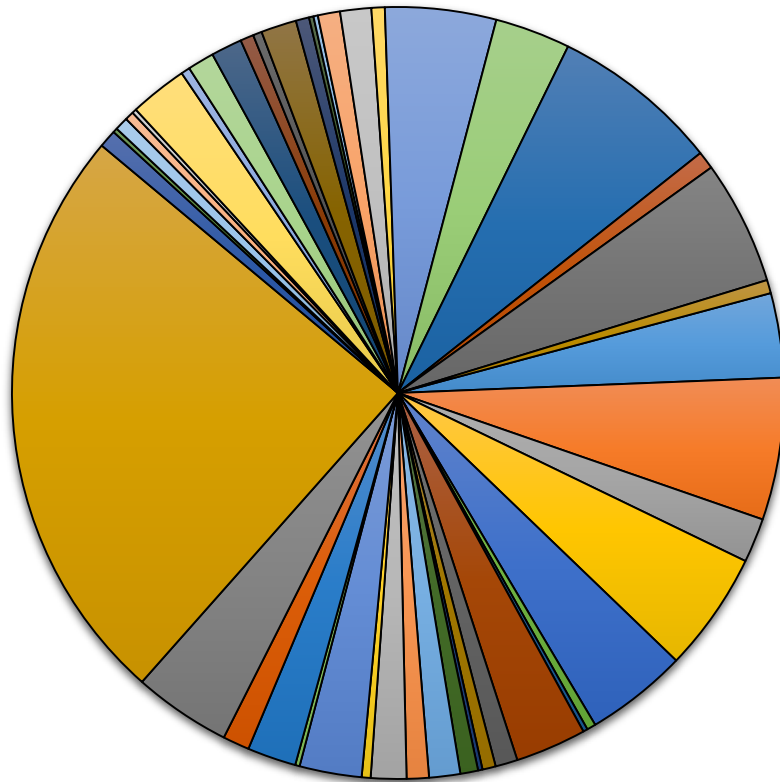


*Figure 10: New Grass starting to grow at the old water treatment plant.*

#### Upcoming July- September 2015

- Dig urn graves
- Fix irrigation as needed
- Cut grass
- Weed whip
- Paint sports lines
- Float diamonds
- Building maintenance
- Cemetery maintenance
- Playground checks
- Trail garbage
- Clean fountain at Cenotaph Park
- Dug 3 urn graves
- Set up Dutch Elm Disease traps
- Cut grass
- Weed whipped
- Paint lines
- Float diamonds
- Playground maintenance
- Furnace checks
- Repair picnic tables
- Irrigation Repairs and Maintenance
- Garbage pick up
- Set up bleachers
- Trim hedges
- Planted grass at old water plant

## Quarter #2 - April 1, 2015 to June 30, 2015 Iworq Requests



- Animal Control - 19
- Capital/Tendered Projects - 27
- Creek - 1
- Drainage - 3
- Facility Maintenance - Lebel Mansion - 7
- Facility Maintenance - Shop - 2
- Fleet Management - 11
- Garbage (Missed Collections) - 132
- Parks - Bike/Skate Park - 3
- Parks - General - 13
- Sewer - 7
- Signs - 8
- Sports Fields - Lions Ball Park - 1
- Sports Fields - St. Michael's - 3
- Utilities - 38
- Water Treatment - 3
- Bylaw Services - 32
- Cemetery - Fairview - 23
- Developed Flower Beds - 16
- Facility Maintenance - Community Futures/Old RCMP - 1
- Facility Maintenance - MultiPurpose Facility - 5
- Facility Maintenance - Town Office - 14
- Garbage (Extra Pick-ups) - 6
- Garbage (Bin Repair) - 4
- Parks - Castleview - 2
- Parks - South Hill - 2
- Sewer Camera Request - 3
- Sports Fields - Ag Grounds - 3
- Sports Fields - Pool Field - 5
- Streets - 25
- Walkway/Pathway - 4
- Campground - 10
- Compliment - 2
- Development - 5
- Facility Maintenance - CRC (Bowling/Clubhouse/Joies) - 4
- Facility Maintenance - RCMP Building - 8
- Facility Maintenance - Town Office Daycare - 1
- Garbage (General) - 22
- Mayor & Council - 1
- Parks - Dilmer - 1
- Poll Response - 6
- Sidewalks - 2
- Sports Fields - General - 1
- Sports Fields - Sproule Field - 7
- Trees/Shrubs/Weeds - 17
- Water Distribution - 28