

Town of Cochrane – Report to Council

Water & Wastewater

Troy Sylvestre, Manager – October 13, 2020

Responsibilities

By the numbers:

156 kms

water mains

129 kms

sanitary mains

23 kms

sanitary force mains

500

hydrants maintained

12,000

service connections

8

booster stations

9 wet wells

9 reservoirs

8

lift stations

Facilities



Responsibilities

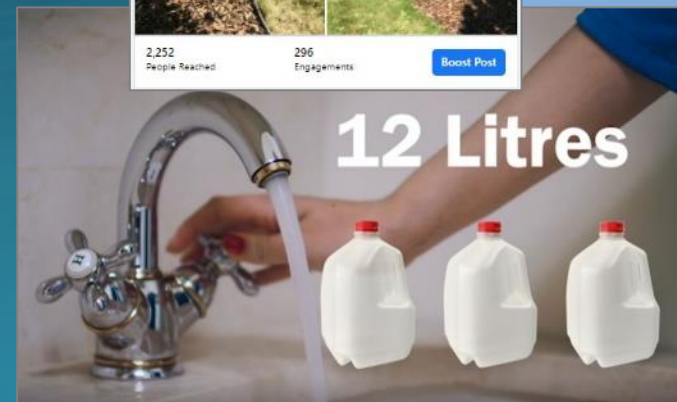
There is more to W3:

- Air Relief Valves (ARVs)
- Pressure Reducing Valves (PRVs)
- Pump maintenance/repairs
- Vibration analysis
- Building maintenance/repairs
- Distribution sampling
- Quality assurance/quality control
- Excavation repairs
- Flushing and thawing
- Backflow prevention testing and certification
- Hydrogen Sulphide monitoring and reporting
- Member of Alberta One Call
- Maintain communication and SCADA system

Water conservation

Initiatives

- Provide first contact information to owners of newly constructed homes
- Contact private irrigation system owners
- Engage customers with high-water consumption
- Find new ways to deliver educational materials
- Rebate program



Metering

- 280 new meter installs YTD
- Completed audit of non-residential meters/accounts
- Paused meter replacement program in March, started back in the fall
- Completed replacement of 107 failed remote reading devices



Capital projects

2020 project completions

- Membrane rack (fourth) at the Water Treatment Plant
- Gleneagles siphon maintenance manhole and valving
- Glenpatrick pressure reducing valve and vault installation
- Railway St. infrastructure upgrades and replacements
- Irrigation meter installs at three parks



Data analysis

- Water use
 - consumption data
 - water treatment plant production
 - booster station distribution
- Annual determination of water losses
- Usage patterns related to existing water licence and population growth



Thank you

Troy Sylvestre, Manager – Water & Wastewater