



2019 3rd Quarter DWQMS Report to Council

The purpose of this report is to summarize the activities of the Public Works – **Water Distribution System** for the period of July 2019 through September 2019 to Town Council.

Operational Plan Revisions

There have been no revisions to the Operational Plan during this quarter.

Drinking Water Quality

To date in 2019, there have been 22 calls by residents concerning water quality. They are summarized as follows:

- 2 – Taste / Odour
- 3 – Visual
- 14 - Noise / Service Issues
- 1 – Watermain Break
- 2 - Other

Operational Activities

For July through September, the following activities were completed by the Waterworks Staff:

- Locates – The number of locates continues to grow. The same period from January to September over the past three (3) years has grown dramatically with a 52% increase in three years.

YEAR	NUMBER OF LOCATES
2017	809
2018	1028
2019	1230

- New residential services were installed by Public Works at 150 Charlotte.
- Munro Street extension - Staff commissioned the new water main and provided oversight for the final connections to the municipal system.
- Miller's Crossing – Staff commissioned a new watermain and oversaw final connections on Rathwell Street.
- There was a watermain break and repair on High Street on July 27, 2019.
- Assisted AECON with service issues on High Street including an emergency repair.

- LePine installed a hydrant extension which Public Works staff commissioned and provided oversight on with respect to the final connections
- Emergency valve repair at Munro Street and Park Avenue
- Provided oversight at regular development construction sites including NuGlobe, Cardell, Meadow Ridge, and three (3) large live taps within the Hooper easement.
- In order to access municipal water and sewer infrastructure within easements, staff undertook cleanup as part of our ongoing maintenance.
- Meadow Ridge staff commissioned a new main and oversaw final connections on Antonakos Way.
- Service taps were completed on Mary Street and Antrim Street for servicing vacant lots.
- Annual valve turning operations were undertaken.
- Staff, with the assistance of a leak detection contractor, found a leak at a 4" service at a Bridge Street address.
- Carleton Junction – final water service connections occurred at the property line
- Beckwith condo development – new hydrant install with contractor
- Identified and repaired a leak at 145 Napoleon Street.
- Quarterly water meter reading for billing purposes.
- Emergency service repairs at 12 Bridge Street and 18 Morris Street
- Numerous new occupancy water activations within the new developments in Town

Consumption Statistics - System Demand (m³)

	<u>July 2019</u>	<u>August 2019</u>	<u>September 2019</u>
Avg.	5707.72	4951.56	4395.25
# of Days	31	31	30
Max.	7324.64	6031.92	5027.05
Min.	<u>4357.39</u>	<u>7172.45</u>	<u>3949.81</u>
Sum.	176939.2	153498.3	131857.5

1st Quarter: 377,567.1m³

2nd Quarter: 417,747.3m³

3rd Quarter: 461,749m³

Total to Date 2019: 1,257,063.4m³

In comparison to the 2018 figures for the period of July through September, there was a 7.63% decrease in 2019.

Deviations in Critical Control Points

In accordance with Element 8 and deviations from critical control points identified in our risk assessment are to be recorded. There were no deviations reported during this quarter.