



REPORT TO: Mayor and Members of Council

PREPARED BY: Jonathon Graham, Interim CAO/Director of Operations

DEPARTMENT: Infrastructure & Operations

DIVISION: Water, Wastewater, Drainage & Roads

MEETING DATE: Wednesday, June-05-19

SUBJECT: Infrastructure & Operations Monthly Report

RECOMMENDATION

That Council receives the Infrastructure and Operations Monthly Report for June 5th, 2019 as information only.

EXECUTIVE SUMMARY

Infrastructure and Operations highlights for April and May 2019 include but are not limited to the following: maintenance gravel application, water leak detection update, May 25th heavy rains event, Plan of Subdivision Engineering Design submission etc.

LINK TO STRATEGIC PRIORITIES

Leadership: To Create a Positive, Open Organizational Culture By Providing High Quality Public Services

Plans: To Support Robust Industrial, Commercial and Residential Growth By Developing A Safe And Secure Municipality

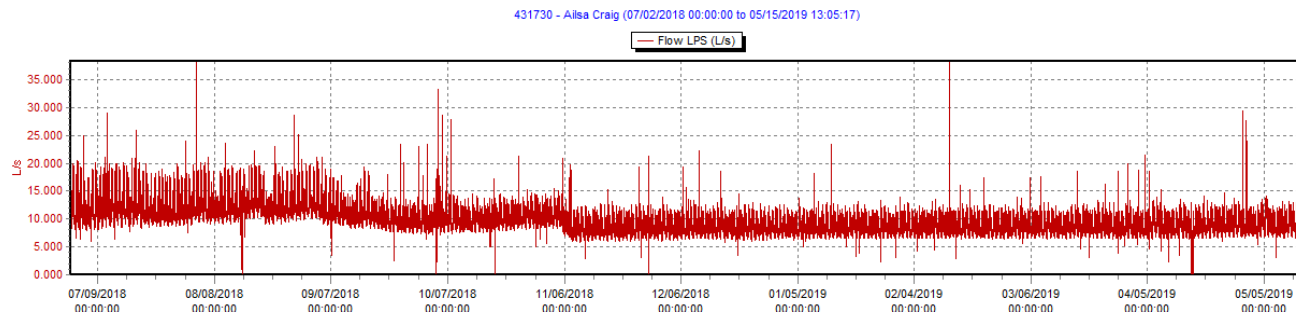
BACKGROUND

Municipal staff has prepared the following report to illustrate due diligence and transparency in regards to departmental highlights and achievements within the Infrastructure and Operations Division. Staff is prepared to discuss any and all identified projects if so desired.

DISCUSSION

1. Water & Drainage:

- On May 14, 2019 a sizable leak was discovered on Craig St. in Ailsa Craig; minimum night time flows have dropped from 7L/s to 5.6L/s.
 - This is exultant to 121m³ per day or **\$60** a day in savings or prorated a **\$21,900** savings over a year.
- Furthermore, our minimum night time flows are now half of what staff started at a year ago.



- Lastly staff have undertaken nighttime district metering in establishing baseline flow and demand in regards to our 2019 leak detection program.

2. Operations:

- Operations staff have undertaken maintenance gravel applications within this period.
- Additional task complete include but are not limited to:
 - Tree and brush removal.
 - Garbage collection
 - Dust control application.
 - Pothole repairs.
 - Etc....
- Two (2) burials have also been completed in this period.

3. May 25th Heavy Rains Event

- Preliminary reports from ABCA have indicated that this event's accumulation maybe consider a **1-in-10** year storm event.
 - Standard storm sewer design accounts for a **1-in-2** year events.
- Several staff members reported to work on Saturday and Sunday to facilitate the appropriate response.
- 20/30 roads where "crested" by the rains
- 10/12 culverts have "blown-out."
- Many of our sanitary pumping stations where triggered into by-pass mode and required the assistance of sucker trucks.

