



GRAND VALLEY

MEMO TO COUNCIL

To: Mayor Soloman and Members of Council
From: Meghan Townsend, CAO/Clerk
Meeting Date: 2025-07-22
Subject: Update – Wastewater Flows

Purpose

To provide an update on investigations into the increased flows into the Town's wastewater system.

Background

At the May 27, 2025 meeting, Council directed that, at each meeting going forward, an update be presented regarding the investigation of increased/excess flow into the Town's wastewater system, until the situation is resolved.

Discussion

Since the June 24, 2025 meeting, the following works have been completed:

- Review of footage from camera work from June 5 and 16 revealed several leaks along Emma Street and at Water Street intersection with Emma Street.
- Burnside and the Town (Matt Bos) attended a meeting with Thomasfield (and GEI their engineers) to discuss the ongoing issues with the new sewer on Emma St. It was clearly communicated to Thomasfield that the number of leaks that have occurred in this new infrastructure is unacceptable and that a more permanent solution was required. Thomasfield (GEI) is looking into lining the entire pipe as well as looking into a more permanent solution for stopping infiltration entering the manholes.
- A significant leak on Ponsford Street was also reported. Cause unknown but the volume of water is similar to that seen on Emma and Water Streets.

Next Steps:

The Ponsford leak will be repaired by the Town. Public Works is coordinating this repair with Burnside's assistance.

The following table summarizes the Emma and Water Street deficiencies and Thomasfield's (GEI's) proposed action for repairing these deficiencies.

Deficiency	Video Link / Picture	Repair Method
MH AB – Leak in MH	MHAB-MAC EMMA ST SOUTH 25-06-05.mp4	Grout to stop infiltration and fill void outside pipe wall.
Pipe Joint Leak – MAC - MAD	MHAC-MHAD EMMA ST SOUTH 25-06-05.mp4	Grout to seal infiltration. CIPP Spot Repair to prevent a recurrence due to small offset joint and intruding sealing ring.
MH AE – Leak in MH	MHAD-MHAE EMMA ST SOUTH 25-06-05.mp4	Injection grouting to seal joints within the precast chimney components.
Pipe Crack – MHAF-MAG	MHAF-MHAG EMMA ST SOUTH 25-06-05.mp4	CIPP Spot repair over continuous longitudinal crack at 32.8m.
42 Water Street Lateral		Open cut repair

58 Water Street Lateral		Open cut repair
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Before lining the pipe can happen, the major leaks need to be grouted and repaired and that is planned to occur the first week of August. A CCTV will be provided of the repairs. Thomasfield (GEI) will present a plan for a more permanent solution in the next few weeks.

We would expect (based on the huge leaks found on Emma St) that once the repairs are completed that the flows to the Wastewater Treatment Plant would decrease. Burnside will work with OCWA to monitor flows and provide an update to Council once the repairs are completed.

Financial Impact

Costs of repairing the Ponsford leak will be around \$10,000.

Continued monitoring costs for Burnside time.

Additional costs will be incurred where more camera work required.

Consultations

Jeff Paznar, R.J. Burnside and Associates Limited

This Council Memo was submitted by,
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