

## **Report on the Repair of the 4" Mainline Near 4761 Highway 31 – March 1, 2026**

On February 20, 2026 Lance McLaren contacted a trustee to advise of water pooling just south of his driveway. John Command and Neil Kelly attended the site immediately and concluded the cause was very likely a leak from the FCID 4" mainline. The point where water was percolating to the surface was found. The trustees jointly concluded that the leak was not severe enough to rank as an emergency.

The repair work was scheduled for the following weekend when adequate labor, services and materials could be acquired for a planned repair.

In the days leading up to the work, KIN marked the location of their fibre optic cable. FCID located its line and acquired repair materials.



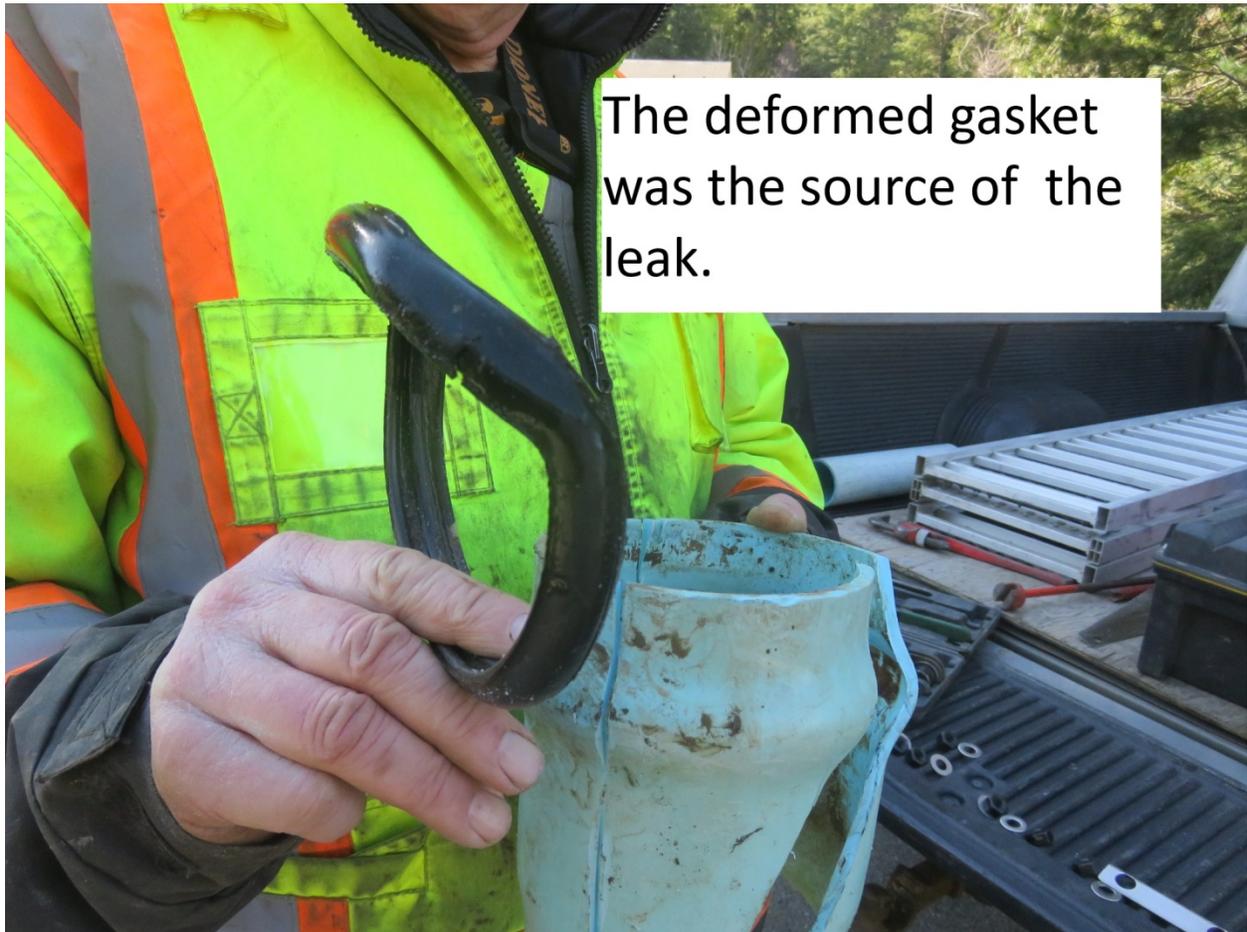
On the morning of March 1, 2026 at 9 am water service was discontinued on the west side of the highway south from, and including 4931 Highway 31 all the way to the south end at 4705 Highway 31.

Digging began in water saturated soil. It was muddy. The mainline was found approximately 3 ft west of where line location indicated. The lack of precision was attributed to the presence of another below grade facility (Kin tracer).



After locating the line by hand, Tom Gross guides the hoe operator creating a pumpout basin and room to work around the pipe.

The bell was cut off the leaking joint. The twisted gasket was removed. It is likely the joint leaked from day it was put in service.



The deformed gasket was the source of the leak.

A 12" long "clamp on" repair sleeve was installed over the 1" gap between the pipe ends.



The sleeve in place. No leaks.

The excavation was left open overnight to confirm tightness.



The hole was dry the following morning. All water had seeped away overnight.

The backfill plan:

- Install a vertical 4" ABS pipe extending from the sleeve to the surface to provide an opportunity to monitor the tightness of the repair.
- Place soft fine material around the pipe and sleeve to protect it from the large sharp rocks.
- Place survey marking ribbon 1 ft above the sleeve as a warning to future excavators.



Rock Barrier in place to provide protection from ATV traffic

**Thanks to the people that made it happen: Tom Gross, Joerg Schreiber, John Command, and Heather Kelly.**