

Veolia Water Summary for the Township of Huron-Kinloss

Date: August 30, 2022 to September 27, 2022

WATER

LAKESHORE

Adverse Samples: All four Lakeshore Wellhouses had **Fluoride** exceedances and the resamples were also exceedances. A summary report was submitted to the Grey Bruce Health Unit, Huron Perth Public Health (for Courtney Subdivision in ACW), Source Water Protection, Ministry of the Environment, and the Director of Public Works. Fluoride sampling takes place every 60 months (5 years).

Microbiological Sampling Summary: No adverse bacteriological sample results up to Sep 19, however there was 1 Total Coliform reported for Huronville RAW on Sep 19, following the well inspection (not reportable).

Non-Compliances: Flow exceedance at Murdoch Glen on Sep 9 - this was noted for the Drinking Water Inspector.

Equipment Issues: High lift pump 5 at Murdoch Glen requires repair. Huronville Wellhouse was offline from Sep 13 - 27.

Maintenance: The Murdoch Glen well pump was pulled on Aug 31 and a video inspection was completed. The Huronville well pump was pulled on Sep 14 and a video inspection was completed.

Mainbreaks and Leaks: 2 water service repairs

Power Outages: None reported

Complaints / Requests: 1 curbstop complaint / 1 water OFF requests

Locates: 46 locates up to Sep 26 (616 YTD)

LUCKNOW

Adverse Samples: Both Lucknow Wellhouses had **Fluoride** exceedances and resamples were also exceedances. A summary report was submitted to the Grey Bruce Health Unit, Huron Perth Public Health (for South Lucknow in ACW), Source Water Protection, Ministry of the Environment, and the Director of Public Works. This sampling takes place every 60 months (5 years).

Microbiological Sampling Summary: No adverse bacteriological sample results up to Sep 20.

Non-Compliances: None

Equipment Issues: None reported

Mainbreaks and Leaks: None reported

Power Outages: None reported

Complaints / Requests: None reported

Locates: 1 locate up to September 26 (101 YTD).

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RIPLEY

Adverse Samples: Both Ripley Well sites had **Fluoride** exceedances and resamples were also exceedances. A summary report was submitted to the Grey Bruce Health Unit, Source Water Protection, Ministry of the Environment, and the Director of Public Works. This sampling takes place every 60 months (5 years).

Microbiological Sampling Summary: No adverse bacteriological sample results up to Sep 20, however, there was an overgrowth of Heterotrophic Plate Count units on one distribution sample collected on Sep 13 (not reportable).

Non-Compliances: Flow exceedance at Ripley Elevated Tank (Well 3) on Sep 5 - this was noted for the Drinking Water Inspector.

Equipment Issues: Ripley Pumphouse High Lift Pump # 1 out of service.

Mainbreaks and Leaks: 2 water services were hit during Aecon/EPCOR work.

Power Outages: None reported

Complaints / Requests: None reported

Locates: 1 locate up to September 26 (82 YTD).

WHITECHURCH

Adverse Samples: None

Microbiological Sampling Summary: No adverse bacteriological sample results up to Sep 20, however, bacteria were reported on the RAW water on the following dates: Aug 30 - overgrowth of target bacterial (NDOGT) from Well 2; Sep 13 - 1 Total Coliform from Well 1; Sep 20 - 2 Total Coliform from Well 1.

Non-Compliances: None

Equipment Issues: None reported

Mainbreaks and Leaks: None reported

Power Outages: None reported

Complaints / Requests: None reported

Locates: 1 locate up to September 26th (24 YTD).

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WASTEWATER

LUCKNOW

Exceedances: No laboratory exceedances, however, the Total Suspended Solids for Cell # 3 is above the operational objective. Flows for September are not available at the time of this report. August: daily max 713 m³ (95 % capacity), daily average 478 m³ (64 % capacity).

Non-Compliances: None

Equipment Issues: A new aerator is on-site and waiting to be installed when weather permits.

Sewer Main Breaks and Leaks: None reported

Power Outages: None reported

Complaints: None reported

Total Locates: 1 locate up to September 26th (101 YTD).

WASTEWATER

RIPLEY

Exceedances: Flows for September are not available at the time of this report. August: daily max 575 m³ (96 % capacity), daily average 310 m³ (52 %).

Non-Compliances: None

Equipment Issues: One sewage pump has been removed from service pending repair/replacement. A spare pump was installed in the interim. Check valves are on-site and ready for installation.

Sewer Main Breaks and Leaks: None reported

Power Outages: None reported

Complaints: None reported

Total Locates: 1 locate up to September 26th (82 YTD).

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Ongoing Issues/Recommendations

WATER:

Valve turning is complete at the Lakeshore and in Ripley. Lucknow valve turning is on-going.

WASTEWATER:

Lucknow: Remaining 4 RIBs to be cleaned out and media to be replaced.

Ripley: New check valves are at the Ripley Sewage Pump Station - waiting to replace the old ones.

OTHER:

ACW: 0 locates up to Sep 26 (20 YTD).

During quarterly water meter readings it was noted that 2 water meters in ACW are not functioning. The Township of ACW has been notified and will be contacting a certified meter technician to investigate.