

Veolia Water & Wastewater Summary for the Township of Huron-Kinloss

Date: July 26, 2021 to August 30, 2021

Prepared by: Nancy Mayhew

WATER

Lakeshore

Adverse Samples: Sodium exceedances: PC - 25 mg/L, BG - 100 mg/L, MG - 63 mg/L, HS - 54 mg/L. These adverse samples were reported to the Ministry and Grey Bruce Health Unit. A Sodium Fact Sheet was added to the Township website. There were no adverse bacteriological sample results.

Non-Compliances: None

Equipment Issues: Blairs Grove well 2 must be abandoned (see ongoing recommendations). Hydro report results from CosPhi (RE: Point Clark and Huronville) not available at the time of this report.

Main breaks and Leaks: 675 Lakeside Trail - Aecon hit water line; 20 Boiler Beach Rd - service leak; 401 Oki Ct - service leak; 183 Huron Rd - Weber hit water line (low pressure after repair)

Power Outages: None reported at the time of this report. The portable generator transfer switch at Point Clark needs to be changed to match the generator plug (has been ordered).

Inquiries and Complaints: 103 Sunrise - taste concerns

Locates: See Tracey for master list.

Lucknow

Adverse Samples: No adverse samples up to August 24, 2021.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None reported at the time of this report.

Inquiries and Complaints: 698 Havelock St - low pressure (38 psi)

Locates: See Tracey for master list.

Ripley

Adverse Samples: Sodium exceedances: Ripley Pumphouse - 32 mg/L, Ripley Elevated Tank - 30 mg/L. These adverse samples were reported to the Ministry and Grey Bruce Health Unit. There were no adverse bacteriological sample results.

Note: On August 3rd and 24th: Ripley Elevated Tank Raw Well #4: 1 Total Coliform each day (Raw water samples are not reportable). The treated water sample collected at the same time was free of any TC or EC.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None reported at the time of this report.

Inquiries and Complaints: None at the time of this report.

Locates: See Tracey for master list.

Whitechurch

Adverse Samples: No adverse samples up to August 24, 2021.

Non-Compliances: On August 18th, there were flow exceedances of 3.40 L/s and 3.33 L/s (PTTW max is 3.28 L/s). These exceedances were instantaneous on pump start-up and did not impact the CT requirements.

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None reported at the time of this report.

Inquiries and Complaints: None reported at the time of this report.

Locates: See Tracey for master list.

WASTEWATER

Lucknow

Exceedances: No chemical exceedances up to August 16, 2021. Flows for August were not available at the time of this report. Flows for July: daily max 613 m³ (82% capacity), daily avg 407 m³ (54% capacity).

Non-Compliances: None

Equipment Issues: Raw sewage pump # 1 is out of service. The spare pump is at Wilsons for repair (awaiting receipt of repair parts).

Main Breaks and Leaks: None

Power Outages: None reported at the time of this report.

Inquiries and Complaints: None reported at the time of this report.

Total Locates: See Tracey for master list.

Ripley

Exceedances: No chemical exceedances up to the time of this report. Flows for August were not available at the time of this report. Flows for July: daily max 475 m³ (79% capacity), daily avg 309 m³ (52% capacity).

Non-Compliances: None

Equipment Issues: None

Main Breaks and Leaks: None

Power Outages: None reported at the time of this report.

Inquiries and Complaints: None reported at the time of this report.

Total Locates: See Tracey for master list.

Ongoing Recommendations

Water: The Lucknow Drinking Water System Inspection is still in-progress. The Whitechurch Drinking Water System Inspection was conducted on August 25th and is in-progress. Blairs Grove Well # 2 casing has severe corrosion (beyond repair) and will be abandoned as soon as a plan is developed. TSSA fuel tank inspection report still pending (Ripley Fire Hall).

Wastewater: Lucknow infiltration-inflow monitoring has been removed (reports to follow). Bypassing sewage in Ripley (if necessary) cannot be conducted as designed due to a collapse of the drainage tile adjacent to the pump station. Alternate method includes utilizing a large portable pump (being sourced).

Other: ACW locates: 2 locates were received. See Tracey for a master list. The South Lucknow Inspection Report was submitted by MECP Inspector, Heather Lovely. Due to a change in IT systems, the Inspection Rating Report (IRR) was not generated at the same time as the Inspection Report and will be sent separately and prior to any public release. In response to the COVID-19 pandemic, Veolia staff has taken the following actions/protocol: Operators are conducting daily monitoring and documentation of their health and wellness. There are no group meetings or entry into private residences permitted. Operators have been assigned to specific work areas to avoid cross-contamination. Operators are to contact Township staff if they need to access shared spaces. Disinfection protocol is in place for vehicles and work areas and use of PPE as required.