

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

Date: August 30, 2021, to September 28, 2021

Prepared by: Nancy Mayhew

WATER

Lakeshore

Adverse Samples: No adverse bacteriological sample results up to September 21.

Non-Compliances: Flow spike at Murdoch Glen on September 22nd (21.59 L/s for 1 minute); CT was adequate for this incident.

Equipment Issues: Blairs Grove well 2 must be abandoned. (See ongoing recommendations).

Nuisance (false) alarms at Huronville were being generated from auto dialer due to faulty signal from SCADA. Eramosa Engineering will update the server. NOTE: Huronville is scheduled to have the SCADA upgraded soon. Hydro report results from CosPhi (RE: Point Clark and Huronville) not available at the time of this report.

Main breaks and Leaks: 970 Heritage Dr (leak); emergency repair at 230 Shadywood (Aecon hit service line).

Power Outages: Extended power outage on September 7-8th, affecting Point Clark, Blairs Grove and Huronville. The portable generator was used at Point Clark successfully. Another power outage on September 15th, affecting the entire Lakeshore (only a couple of hours).

Inquiries and Complaints: 1 no-water complaint (construction); 2 water ON/OFF requests

Locates: See Tracey for master list.

Lucknow

Adverse Samples: No adverse bacteriological sample results up to September 21.

Non-Compliances: None

Equipment Issues: Well # 4 was taken off-line, and Hopper Well Drillers were on-site to pull the well pump and perform a down the well inspection. Waiting for a decision regarding a new well pump.

Main breaks and Leaks: None

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

Inquiries and Complaints: 1 water ON/OFF request.

Locates: See Tracey for master list.

Ripley

Adverse Samples: No adverse bacteriological sample results up to September 21. Well # 1 had one RAW sample result with 2 Total Coliforms. Treated sample was free of TC.

Non-Compliances: None

Equipment Issues: Well Pump HAND-OFF-AUTO switches at the Ripley Pumphouse were failing to make contact when signalled to start. Switches are being replaced.

Main breaks and Leaks: None

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

Inquiries and Complaints: 1 curb stop issue.

Locates: See Tracey for master list.

Whitechurch

Adverse Samples: No adverse bacteriological sample results up to September 21.

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: Well pump # 2 triggering occasional 'low flow' alarms which lock out the pumps. Eramosa to review the programming.

Main breaks and Leaks: None

Power Outages: Extended power outage on September 7-8th. Generator ran 28.9 hours.

Outage on September 11th - generator ran 2.1 hours. September 12th - generator ran 1.2 hours. September 21st - generator ran 2.4 hours. September 22nd - generator ran 3.0 hours.

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 September 15, 2021. Flows for September were not available at the time of this report. Flows for August: daily max 591 m³ (79% capacity), daily avg 425 m³ (57% 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). One aerator was removed for repair. Rapid Infiltration Basins (gravity sand filters) have not been percolating as intended due to buildup of organic material and will be dug out to remove and replace the media. BM Ross Engineers are developing a plan. Currently, treated wastewater from Cell # 3 is being diverted to the Winter Storage Lagoon and Cell # 3 is being sampled weekly during this diversion.

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 September were not available at the time of this report. Flows for August: daily max 406 m3 (68% capacity), daily avg 301 m3 (50% 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 complete - Inspection Rating Report is in-progress. The Whitechurch Drinking Water System Inspection was conducted on August 25th and is still in-progress. The Ripley Drinking Water System Inspection to take place on October 4th. 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 DRAFT report has been issued with some recommendations for continued monitoring (CCTV locations). 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). A new magnetic meter was installed at the Ripley Sewage Pump Station and will provide more accurate flows to assist with developing a by-pass plan.

Other: ACW locates: 2 locates were received. See Tracey for a master list. The South Lucknow Inspection Report received an Inspection Rating Report (IRR) of 100.00%.

COVID: 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. New Provincial COVID passports are mandatory, however, there are no changes to Veolia's policies. It should be noted that Operators are following the Provincial requirements.