

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

Date: Jan 1 to Jan 25, 2020

Prepared by Nancy Mayhew

Water

Lakeshore

Adverse Samples: No adverse samples up to January 19, 2021.

Non-Compliances: None

Equipment Issues: Point Clark Well Pump # 2 is off-line. Blairs Grove well has holes in the casing and the well must be abandoned ASAP (see ongoing recommendations).

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: Yellow water at 64 Smith Lane, brown water at 151 Gordon St N - both related to construction at Blairs Grove well house. No water at 180 Kennedy Rd, related to Crimson Oak construction project.

Locates: 10 (10 YTD)

Lucknow

Adverse Samples: No adverse samples up to January 19, 2021.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: On-going aesthetic complaints at 752 Stauffer by homeowner. Samples were affected by homeowners' water softener (elevated Sodium, but lower Barium, Calcium, Copper, Lithium, Magnesium and Strontium). Homeowner was directed to contact a water treatment professional for aesthetic concerns. Grey Bruce Public Health Inspector issued a letter to homeowners at 742 and 752 Stauffer regarding elevated sodium.

Locates: 0 (0 YTD)

Ripley

Adverse Samples: No adverse samples up to January 19, 2021; Elevated Tank Well # 4 had 1 Total Coliform result on January 12, 2021, but the Elevated Tank treated sample was all clear.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: 10 (10 YTD)

Whitechurch

Adverse Samples: No adverse samples up to January 19, 2021.

Non-Compliances: None

Equipment Issues: Flow control valve was removed in December (a temporary spool pipe was installed in its place, and flow control was established by throttling the isolation valve). A new flow control valve has been ordered.

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: 0 (0 YTD)

Wastewater

Lucknow

Exceedances: No chemical exceedances up to January 18, 2021, however, the laboratory missed the holding time for the GWSS E-Coli sample on January 4, 2021. The lab ran the sample, and it was zero. Flows for January were not available at the time of this report. Flows for December: daily max 1,100 m3 (146.7% capacity), daily avg 576 m3 (77% capacity).

Non-Compliances: None

Equipment Issues: Raw sewage pump # 1 is out of service. The spare pump is at Wilsons awaiting repair.

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: 0 (0 YTD)

Ripley

Exceedances: No chemical exceedances up to January 18, 2021. Flows for January were not available at the time of this report. Flows for December: daily max 874 m3 (145% capacity), daily avg 420 m3 (70% capacity).

Non-Compliances: None

Equipment Issues: None

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: 10 (10 YTD)

Ongoing Recommendations

Water: Well Pump # 2 at Point Clark remains off-line. MCC replacement scheduled to begin in February. Blairs Grove Well # 3 has been connected to the system (testing all clear). The Blairs

Grove reservoir was drained and inspected by Ryan Devries of BM Ross and Associates. The reservoir was chlorinated and sampled prior to being put back on-line (sample results pending). Blairs Grove Well # 2 casing has severe corrosion (beyond repair) and will be abandoned after work is completed at Point Clark (so Blairs can be taken off-line again). Ministry Inspection of Lakeshore is completed - rating: 98.80%. Non-compliance includes insufficient flow meter verification. Deadline for the Non-compliance: March 1, 2021. Ripley inspection rating: 98.14%. Non-compliances include insufficient fuel tank inspection (TSSA), and insufficient flow meter verification. Deadlines for the Non-compliances: March 1, 2021. New Operational Plan has been submitted for review and acceptance.

Wastewater: Lucknow infiltration-inflow study is still in-progress. 149 of 168 manholes were inspected; 45 manholes were cleaned. In 2020, the Lucknow Sewage Treatment Facility operated at 70.7% capacity and the effluent quality was excellent. There was one effluent sample result that was in exceedance of the limit for Total Suspended Solids, but it was compromised by surface run-off during a rain event and does not represent the groundwater effluent quality. Lucknow did not have any sewage by-passes in 2020. The Ripley Wastewater Treatment Facility operated at 59.1% capacity. The effluent Spring discharge to the Pine River began on March 9th to March 31st. It was resumed on April 22nd to April 30th. The effluent Fall discharge began November 30th to December 17th. The total volume discharged was 164,996 m³ in 47 days and the effluent quality was excellent. The Ripley WWTF accepted a total of 488.38 m³ of Ripley Landfill Leachate in July and August of 2020. An Environmental Compliance Approval (ECA) amendment application has been submitted and we are hoping to haul leachate on a regular basis. Ripley did not have any sewage by-passes in 2020.

Other: ACW locates: 0 (0 YTD). 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. New disinfection protocol is in place for vehicles and work areas and use of PPE as required. Annual reports are in-progress with a deadline of February 28, 2021.