

Veolia Water & Wastewater Summary for Huron-Kinloss

Date: Jan 24 to Feb 23, 2021

Prepared by: Nancy Mayhew

Water

Lakeshore

Adverse Samples: No adverse samples up to February 16, 2021. Note: A sodium adverse was reported for Blairs Grove Treated, however, it was rescinded by the lab the same day.

Non-Compliances: None

Equipment Issues: Blairs Grove well 3 was equipped and the reservoir was drained, cleaned, and inspected on January 20th. It was put back online after all sample results were received (all clear) on January 29th. Blairs Grove well 2 has holes in the casing and the well must be abandoned ASAP (see ongoing recommendations). Point Clark well house was taken offline between February 8th and February 11th to replace the MCC (motor control centre) panel. The reservoir was drained, cleaned, and inspected on February 12th. The site was put back on-line after all sample results were received (all clear) on February 22nd.

Main breaks and Leaks: February 20th - hydrant on the corner of Kennedy and Stratford was hit by snow removal and broke off below grade. It was isolated and is on the list to be repaired.

Power Outages: Scheduled outage on February 14th (Hydro One)

Inquiries and Complaints: 1 water off request; 1 emergency locate (pole replacement)

Locates: See Tracey for master list (10 YTD)

Lucknow

Adverse Samples: No adverse samples up to February 16, 2021.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: See Tracey for master list (0 YTD)

Ripley

Adverse Samples: No adverse samples up to February 16, 2021.

Non-Compliances: None

Equipment Issues: See Ongoing Recommendations

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: See Tracey for master list (10 YTD)

Whitechurch

Adverse Samples: No adverse samples up to February 16, 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: See Tracey for master list (0 YTD)

Wastewater**Lucknow**

Exceedances: No chemical exceedances up to February 8, 2021, however, the February 2nd result for Cell # 3 Total Phosphorus (1.41 mg/L) is above the operational limit (1.0 mg/L). This is likely due to the lack of aeration. Flows for February were not available at the time of this report. Flows for January: daily max 864 m3 (115% capacity), daily avg 527 m3 (70% capacity).

Non-Compliances: None

Equipment Issues: Raw sewage pump # 1 is out of service. The spare pump is at Wilsons awaiting repair. Aerator still needs to be replaced (on order).

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: See Tracey for master list (0 YTD)

Ripley

Exceedances: No chemical exceedances up to February 8, 2021. Flows for February were not available at the time of this report. Flows for January: daily max 740 m3 (123% capacity), daily avg 376 m3 (63% capacity).

Non-Compliances: None

Equipment Issues: None

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: See Tracey for master list (10 YTD)

Ongoing Recommendations

Water: Well Pump # 2 at Point Clark remains off-line. 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. Corix has been contacted for 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. TSSA inspection was completed and the fuel tank does not meet code requirements. Recommendation by TSSA inspector: empty current tank and do not use, install a double-walled tank outside for use. Corix has been contacted for flow meter verification. Deadlines for the Non-compliances: March 1, 2021.

Wastewater: Lucknow infiltration-inflow study is still in-progress. The laboratory was contacted to request a Total Suspended Solids detection limit of <1. 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 methods are being discussed between the Township and Veolia Water staff.

Other: ACW locates: See Tracey for master list (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 have been submitted.