

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

Date: February 24 to March 29, 2021

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Water

Lakeshore

Adverse Samples: No adverse samples up to March 23, 2021.

Non-Compliances: None

Equipment Issues: Blairs Grove well 2 has holes in the casing and the well must be abandoned ASAP (see ongoing recommendations). Point Clark well house had the MCC (motor control centre) panel replaced. Hydro monitoring equipment was used for the first 2 weeks. Both wells are running well. Murdoch Glen reservoir was drained, cleaned, and inspected.

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 repaired.

Power Outages: None reported

Inquiries and Complaints: 1 taste complaint (Penetangore Row), 1 residential flow meter not reading correctly (Dave Lowry's) - to be replaced.

Locates: This month, we received a phenomenal amount of locates (>800). See Tracey for master list.

Lucknow

Adverse Samples: 1 Total Coliform at Lucknow # 5 Treated Water from a sample collected on March 23, 2021. AWQI # 153753 was reported to GBHU and SAC and Form 2A submitted.

Resamples were collected on March 25, 2021 and were all clear. Issue Resolution Form 2B was submitted on March 29, 2021.

Non-Compliances: None

Equipment Issues: None

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: 60 locates were received. See Tracey for master list.

Ripley

Adverse Samples: No adverse samples up to March 23, 2021.

Non-Compliances: None

Equipment Issues: See Ongoing Recommendations

Main breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Locates: 78 locates were received. See Tracey for master list.

Whitechurch

Adverse Samples: No adverse samples up to March 23, 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: 1 locate was received. See Tracey for master list.

Wastewater

Lucknow

Exceedances: No chemical exceedances up to March 15, 2021, however, the March 1st sample result for Cell # 3 Total Phosphorus (1.08 mg/L) is above the operational limit (1.0 mg/L). This is likely due to the lack of aeration. Flows for March were not available at the time of this report.

Flows for February: daily max 638 m³ (85% capacity), daily avg 470 m³ (63% capacity).

Non-Compliances: None

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

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: 60 locates were received. See Tracey for master list.

Ripley

Exceedances: No chemical exceedances up to March 15, 2021. Flows for March were not available at the time of this report. Flows for February: daily max 443 m³ (74% capacity), daily avg 300 m³ (50% capacity).

Non-Compliances: None

Equipment Issues: None

Main Breaks and Leaks: None

Power Outages: None

Inquiries and Complaints: None

Total Locates: 78 locates were received. See Tracey for master list.

Ongoing Recommendations

Water: Blairs Grove Well # 2 casing has severe corrosion (beyond repair) and will be abandoned as soon as a plan is developed. 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. A response to the Drinking Water Inspection report was submitted to the MECP on March 1, 2021. Ripley inspection rating: 98.14%. Non-compliances include insufficient fuel tank inspection (TSSA), and insufficient flow meter verification. The 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. 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. The Ripley Spring Discharge was started on March 17, 2021 after preliminary samples were adequate.

Other: ACW locates: 2 locates were received. See Tracey for master list. 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.