

# Ontario Clean Water Agency Summary for the Township of Huron-Kinloss

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**Date:** June 2025

## **WATER**

### **LAKESHORE**

**Adverse Samples:** None

**Microbiological Sampling Summary:** No adverse bacteriological sample results as of June 27

**Equipment Issues:**

- Tachmina flow sensor failure at Huronville South (replaced)
- Tachmina flow sensor failure at Murdoch Glen (replaced)
- Point Clark HLP 2 expenditure request issued for removal and inspection
- Blair's Grove reservoir drained, re-chlorinated, cycled and put into service
- Huronville South HLP1 ground fault error. Found loose connection on the motor. Repairs made and HLP1 was put back in service
- Chlorine board leak repaired at Blair's Grove
- Point Clark WP and HLP failures. SCADA setpoints changed after a brief power outage caused by an electrical storm. Issue has been resolved
- Chlorine pump failure at Point Clark. Motor burnt out and replaced with an entirely new pump

**Planned Maintenance:**

- Annual third-party analyzer, flow meter and level transmitter calibrations completed
- Sodium Silicate tank emptied and cleaned at Blair's Grove. Replaced suction and feed lines as the chemical thickened over time due to lack of use
- RW Singer valve rebuilt in Blair's Grove

**Main breaks and Leaks:**

- Two service leaks at 420 Albert st
- Service leak at 252 Huron st
- Service leak at 601 Tuscarora rd

**Power Outages:** Brief outages in Point Clark and Murdoch Glen due to an electrical storm (less than a minute)

**Complaints / Requests:**

- 106 Lurgan Lane – discoloured water (increased silicate dosage at Blair's Grove and lines flushed)
- 207 Brown st – low pressure (pressure tested and was 70psi)

**Locates:** (see Township master list)

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## LUCKNOW

**Adverse Samples:** None

**Microbiological Sampling Summary:** No adverse bacteriological sample results as of June 27

**Non-Compliances:** None

**Equipment Issues:** None

**Planned Maintenance:**

- Annual third-party analyzer, flow meter and level transmitter calibrations completed

**Main breaks and Leaks:** None

**Power Outages:** None

**Complaints / Requests:**

- 752 Stauffer – discoloured water. Increased auto-flusher run time from 5 mins a day to 20 mins every Monday, Wednesday and Friday. Scheduled to sample for metals in July.
- South Delhi st – discoloured water. Flushed at blowoffs

**Locates:** (see Township master list)

## RIPLEY

**Adverse Samples:** None

**Microbiological Sampling Summary:** No adverse bacteriological sample results as of June 27

**Non-Compliances:** None

**Equipment Issues:** None

**Planned Maintenance:**

- Annual third-party analyzer, flow meter and level transmitter calibrations completed
- Diaphragm kit replaced on Well 3 chlorine pump

**Main breaks and Leaks:** None

**Power Outages:** None

**Complaints / Requests:** None

**Locates:** (see Township master list)

## WHITECHURCH

**Adverse Samples:** None

**Microbiological Sampling Summary:** No adverse bacteriological sample results as of June 27

**Non-Compliances:** None

**Equipment Issues:**

- Well pump 1 uncommanded start/stop alarms. Extended alarm delay so that pump would continue to run

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## **Planned Maintenance:**

- Annual third-party analyzer, flow meter and level transmitter calibrations completed
- Annual generator service completed
- Generator fuel tank replaced

**Main breaks and Leaks:** None

**Power Outages:** None

**Complaints / Requests:** None

**Locates:** (see Township master list)

## **WASTEWATER**

### **LUCKNOW**

**Exceedances:** None

**Non-Compliances:** None

## **Equipment Issues:**

- Electrician looking into parts to get pump #2 installed and working at lagoon. Waiting on quote
- Main breaker failure at Lucknow SPS. Expenditure request issued for replacement breaker

## **Planned Maintenance:**

- Annual third-party flow meter and level transmitter calibrations completed
- Lucknow SPS cleaned by third party
- Annual generator service completed at Lucknow SPS

**Sewer Main Breaks and Leaks:** None

**Power Outages:** Power outage at the Lucknow SPS due to a main breaker failure.

**Total Locates:** (see Township master list)

### **RIPLEY**

**Exceedances:** None

**Non-Compliances:** None

**Equipment Issues:** 15 HP replacement pump now in stock

## **Planned Maintenance:**

- Annual third-party flow meter and level transmitter calibrations completed

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- Ripley SPS cleaned by third party
- Ripley Arena SPS cleaned by third party
- Lagoon inlet chamber cleaned by third party

**Sewer Main Breaks and Leaks:** None

**Power Outages:** None

**Complaints:** None

**Total Locates:** (see Township master list)

## Ongoing Issues/Recommendations

### WATER:

#### Lakeshore

- Replace both HLP Singer valves with swing check valves in Point Clark
- Flow paced chlorine dosing in Point Clark. Working on quote to replace chlorine board and feed pumps. Pumps will dose a common header, reducing the necessary chlorine pumps from 4 to 2 (lower maintenance cost) and result in a more consistent residual.
- Control valves 2 and 3 and an ARV in Murdoch Glen need serviced. Waiting on quote
- Rebuild chlorine boards at all 4 sites, starting at Point Clark. Working on quotes

#### Ripley

- HLP piping replacement in the Ripley wellhouse. Working on quotes
- Replace Endress & Hauser analyzer at Elevated Tank

#### Lucknow

- Piping replacement in Lucknow well 5
- Replace Endress & Hauser analyzer at well 5

#### Whitechurch

- Replace Endress & Hauser analyzer

### WASTEWATER:

#### Lucknow:

- Waiting for electrician to source parts for pump install at lagoon. Ongoing.
- SPS louvres not operating automatically. Arranging quotes for repair

#### Ripley:

- Lagoon blower has oil leak. Plan to repair ASAP

### OTHER:

**ACW:** Thomas McCarthy contacted about sample station in South Lucknow