

SYSTEM OVERVIEW

July 1st to September 30th , 2024

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the third quarter.

Wastewater Treatment

- The wastewater treatment system performed well during the third quarter.

CAPITAL PLAN PROGRESS

Drinking Water System

- Assisted with new 1" service line connection on Valley View Drive West

Wastewater Treatment

- Clark St sewage pump station generator failed to run. Replaced the battery and battery charger.
- Assisted with 4 'sewer lateral tie in in at the Valley View Drive West
- CCTV sewer on Birch Street

ASSET MANAGEMENT

See Appendix A - Work Order summary for water treatment plant (WTP)

See Appendix B - Work Order summary for wastewater treatment lagoon (WWTL)

CALL-OUT SUMMARY

See Appendix C – Call-out Report for WTP

See Appendix D – Call-out Report for WWTL

REGULATORY

- All drinking water samples required under O. Regulation 170/03 were collected and tested in the third quarter of 2024 and all results fell within regulatory limits.
- No Ministry of the Environment, Conservation and Parks (MECP) or Ministry of Labour (MOL) inspections conducted this quarter.

- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed July 16, 2024.
- Annual Well Inspection completed August 8, 2024
- Annual flow meter verifications completed on August 16, 2024
- All required sewage samples required under the system's ECA collected and tested in the third quarter of 2024.
- Spill occurred during planned maintenance on sewer pipes.
- Lagoon treatment completed

INCIDENTS AND COMPLAINTS

Powassan Drinking Water System

Incident	N/A
Date	
Details	

Powassan Wastewater System

Incident	N/A
Date	
Details	

HEALTH AND SAFETY

- Staff training completed Psychological Hazards
- Staff training completed on SDS/MSDS.
- Staff Training completed on OCWA's STOP Program

POWASSAN DRINKING WATER SYSTEM PERFORMANCE

See Appendix E – Performance Assessment Report Water

POWASSAN WASTEWATER TREATMENT LAGOON – WASTEWATER FLOW SUMMARY

See Appendix F – Performance Assessment Report Wastewater



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Northeastern Ontario Region

POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix A - Work Order Summary for WTP

Workorder Summary Report

Report Start Date: Jul 1, 2024 12:00 AM

Report End Date: Sep 30, 2024 11:59 PM

Location: 6033*

Work Order Type: CAP,CORR,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4018360	0000235294	PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL	6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 6033	CLOSE	7/1/24 12:00 AM	7/23/24 07:45 AM	7/23/24 07:45 AM	Critical Alarm/Dialer Testing (1m) 6033 -On Wednesday July 17, 2024 there was a low chlorine event at the well house. Once the analyzer reached the low chlorine setpoint the well pumps locked out and the alarm was triggered. The on call operator was notified and confirmed the lockout via Wonderware trending, etc. Once onsite the issue was diagnosed and the system was back flushed until a good residual was restored. Further maintenance and calibration was carried out on the chlorine probe while back flushing. Once the unit was calibrated the interlock and alarms were cleared and the system ws started in Auto and monitored. This confrimed the alarms / lockouts were working properly.
4018887			6033, Powassan WTP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 6033	CLOSE	7/1/24 12:00 AM	7/23/24 07:53 AM	7/23/24 07:53 AM	Health And Safety Inspection (1m) 6033 - The monthly H&S Inspection was conducted on July 17, 2024 and consisted of checking/verifying the following items: 1. Chemical Apron 2. Face Shield 3. Spill Kit(s) X 2: all items were available 4. Chemical secondary containment (intact) 5. Safety Signage (all intact and visible) 6. First aid kit 7. Hearing protection earmuffs 8. Emergency lighting (tested and working) 9. Emergency Eyewash (tested and working)

