

### SYSTEM OVERVIEW

January 1<sup>st</sup> to March 31<sup>st</sup>, 2024

### OPERATIONAL HIGHLIGHTS

---

#### *Drinking Water System*

- The water treatment system operated well during the first quarter.
- Service break at 138 Edward. Difficulty finding valve to close. Plumber performed the repair live to stop water from flooding basement.

#### *Wastewater Treatment*

- The wastewater treatment system performed well during the first quarter.
- Replaced AMP and RPM meters on the generator.

### CAPITAL PLAN PROGRESS

---

#### *Drinking Water System*

- New spare free chlorine residual analyzer installed complete with alarming.
- Removed a mess of electrical wires that served no use.

#### *Wastewater Treatment System*

- N/A

### 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 first quarter of 2024 and all results fell within regulatory limits.
- 2023 annual report completed January 5, 2024.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed January 8, 2024.
- Schedule 23/24 and Fluoride sampling completed January 17, 2024.
- Permit to take Water (PTTW) reporting completed January 30, 2024.
- No Ministry of Labour (MOL) inspections conducted this quarter.
- Ministry of the Environment Conservation and Parks (MECP) inspection completed on January 30, 2024. Two non-compliance identified during the review period, both resolved. Final inspection rating 92.53%.
- All required sewage samples required under the system’s Environmental Compliance Approval (ECA) were collected and tested in the first quarter of 2024.
- 2023 annual sewage report completed February 2, 2024.
- Annual WSER reporting completed February 2, 2024.
- Municipality approved OCWA to undertake the completion of their Municipal Sewage Collection System CLI-ECA and Municipal Storm Water Management System CLI-ECA applications.

### INCIDENTS AND COMPLAINTS

---

#### *Powassan Drinking Water System*

<b>Incident</b>	N/A
<b>Date</b>	
<b>Details</b>	

#### *Powassan Wastewater System*

<b>Incident</b>	Manhole Spill at end of Edward St. N.
<b>Date</b>	February 12, 2024
<b>Details</b>	SAC Ref No.: 1-4NFUYT6 Date & Time: February 12, 2024 @ 1500 hrs (estimated) Termination: February 12, 2024 @ 1723 hrs Duration: 2 hours and 23 minutes Approximate volume: 3.61 m <sup>3</sup> (estimated) Details/Cause of Incident: A member of the public spotted sewage coming from a manhole near a park at the far end of Edward Street North in Powassan. Public works was advised at approximately 15:45 who in turned notified the OCWA operator and ORO. Operator suggested public works check the upstream and downstream manholes and immediately request a sewage pump truck and Hydro Vac truck / flusher. Gravity sanitary line was plugged with debris and

	<p>grease buildup leading to a complete blockage in the sanitary line. A manhole subsequently began overflowing with the waste stream flowing into Genesee Creek in Powassan (waste stream was super chlorinated with pucks).</p> <p>Corrective &amp; Preventative Actions: Super Chlorination pucks placed in path of waste stream, septic truck onsite to suck down sewage level from manholes and Flusher / Vac Truck was onsite to flush sanitary collection line and remove grease / debris buildup.</p> <p>Reporting: Incident was reported to appropriate authorities as required.</p> <p>Reporting: Verbal report to MOH and SAC, written reports to MOH, SAC, EC, local MECP and Owner.</p>
--	--

### HEALTH AND SAFETY

---

- Staff training completed on WHMIS.
- Staff training completed on Respiratory Protection.
- Staff training completed on Workplace Hazard Inspections.
- Annual certifications for confined space lifting rigs and gas meters completed.

### 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



**Appendix A - Work Order Summary for WTP**

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3708248</a>	0000235294	PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL	6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	1/1/24 12:00 AM	1/23/24 02:56 PM	1/23/24 02:56 PM	Critical Building Intrusion Alarm Testing (1m) 6033 -January 17, 2024. Dan Finnigan performed a test of the well supply building entrance door intrusion alarm by not disarming the alarm when entering the building. This caused an intrusion alarm, which True Steel Alarm Monitoring Service received and notified the on- call operator. This confirms that the building door intrusion alarm is working. DF
<a href="#">3719559</a>	0000296004	GENERATOR NATURAL GAS GENSET McRae Road Reservoir	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	1/1/24 12:00 AM	1/10/24 02:15 PM	1/10/24 02:15 PM	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033 -December 09, 2024 by Dan Finnigan. The oil level was checked and found to be "full", and the air filter was checked and was clean. The main power to the building was disconnected and the generator started without any issues. Power was transferred to the generator a moment later, and all building functionality was returned. After the test period the power to the building was re-instated, and after a cool-down period the generator shut down.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3727610</a>	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	COMP	1/1/24 12:00 AM	1/23/24 03:07 PM	1/23/24 03:07 PM	Critical Alarm/Dialer Testing (1m) 6033 -Critical Alarm/Dialer Testing (1m) 6033 was completed by Dan Finnigan on January 17, 2024. The Cl2 probe was pulled out of the sample cells to perform a monthly inspection and cleaning and to force an alarm condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. Telus Alarms called to advise they had received an alarm notification re the low chlorine alarm. The Cl2 probe was placed back into the flow thru sample cell after it was inspected, cleaned and the electrolyte topped up. After the low chlorine alarm cleared, the well pump lockout was reset to resume normal operation of the well house. These actions verified proper operation of the low Cl2/instrument alarm, alarm dialer and well pump interlock.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3728703</a>			6033, Powassan WTP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	1/1/24 12:00 AM	1/23/24 02:54 PM	1/23/24 02:54 PM	Health And Safety Inspection (1m) 6033 - The monthly H&S Inspection was conducted on January 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)

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3728931</a>			6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	1/1/24 12:00 AM	1/23/24 03:09 PM	1/23/24 03:09 PM	Analyzer Chlorine Inspection/ Service (1m) 6033 - January 17, 2024 by Dan Finnigan. During the monthly low chlorine critical alarm / lockout test the analyzer housing was flushed and inspected for damage and wear, and the electrolyte solution level was checked and topped up. A new membrane cap was installed. The probe was re-inserted into the housing and a single point verification was conducted with the following results: Online analyzer: 3.18 mg/L Free Cl2 Handheld analyzer: 1.90 mg/L Free Cl2 The online analyzer required adjustment. The new slope after calibration was 2.59 mA/ppm (within spec).
<a href="#">3731071</a>			6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	1/1/24 12:00 AM	1/23/24 02:58 PM	1/23/24 02:58 PM	TPM Inspection/Maintenance (1m) 6033 -January 17, 2024 Reviewed trending to ensure both submersible well pumps are operating within normal parameters. Started exhaust fan and observed motorized louvers operating properly. Verified chlorine pump on hand, as well as duty chlorine pump operating satisfactorily.



## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3731076</a>	0000209142	GENERATOR DIESEL POWASSAN GROUND WATER WELL:	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	1/1/24 12:00 AM	1/23/24 03:01 PM	1/23/24 03:01 PM	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033 -January 17, 2024 by Dan Finnigan. All fluid levels were checked, belts inspected, battery charging system, etc. The generator was started and the electrical load was transferred to generator power successfully, and transferred back to shore power properly when the test was completed. While running, the system was observed for leaks or any other deficiencies. Electrical volts and amps were recorded, along with the following generator values: RPM's = 1788 Oil Level = Full Coolant Temp=179 Deg.F Battery Voltage= 13.8V Oil Pressure 62 psi Fuel level = approximately 5.0 inches Hrs at start: 6915 hr 06 min Hrs at stop: 6915 hr 54 min Exhaust Temp = 590 Deg. F
<a href="#">3732318</a>			6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	CLOSE	1/1/24 12:00 AM	1/3/24 02:45 PM	1/3/24 02:45 PM	WISKI Review (1m) 6033 -WISKI Review (1m) for the month of December 2023 was completed on January 03, 2024 by Dan Finnigan. All values were checked and entered, lab data entries were reviewed, WISKI Graphs corrected, and this Work Order closed off.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3742958</a>	0000258571	ANALYZER CHLORINE AIT-601 RESERVOIR	6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	1/1/24 12:00 AM	1/10/24 02:18 PM	1/10/24 02:18 PM	Analyzer Chlorine Inspection/ Service (1m) 6033 - Analyzer Chlorine Inspection/ Service (1m) at the Reservoir was performed by Dan Finnigan on December 09, 2024. Electrolyte levels were checked and filled, air was flushed from the analyzer housing, and readings checked against a pocket colorimeter. A single point calibration was conducted after placing the analyzer probe online. Online = 1.81 mg/L Tested = 1.65 mg/L The new slope after calibration was 2.25 mA/ppm (within spec).
<a href="#">3766093</a>	0000235294	PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL	6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	2/1/24 12:00 AM	2/15/24 03:15 PM	2/15/24 03:15 PM	Critical Building Intrusion Alarm Testing (1m) 6033 -February 08, 2024. Dan Finnigan performed a test of the well supply building entrance door intrusion alarm by not disarming the alarm when entering the building. This caused an intrusion alarm, which True Steel Alarm Monitoring Service received and notified the on- call operator. This confirms that the building door intrusion alarm is working. DF

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3774405</a>	0000296004	GENERATOR NATURAL GAS GENSET McRae Road Reservoir	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	2/1/24 12:00 AM	2/27/24 08:35 AM	2/27/24 08:35 AM	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033 -February 23, 2024 by Dan Finnigan. The oil level was checked and found to be "full", and the air filter was checked and was clean. The main power to the building was disconnected and the generator started without any issues on the third attempt. Power was transferred to the generator a moment later, and all building functionality was returned. After the test period the power to the building was re-instated, and after a cool- down period the generator shut down.
<a href="#">3779866</a>	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	COMP	2/1/24 12:00 AM	2/20/24 03:24 PM	2/20/24 03:24 PM	Critical Alarm/Dialer Testing (1m) 6033 -Critical Alarm/Dialer Testing (1m) 6033 was completed by Dan Finnigan on February 13, 2024. The Cl2 probe was pulled out of the sample cells to perform a monthly inspection and cleaning and to force an alarm condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. Telus Alarms called to advise they had received an alarm notification re the low chlorine alarm. The Cl2 probe was placed back into the flow thru sample cell after it was inspected, cleaned and the electrolyte topped up. After the low chlorine alarm cleared, the well pump lockout was reset to resume normal operation of the well house. These actions verified proper operation of the low Cl2/instrument alarm, alarm dialer and well pump interlock.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3780346</a>			6033, Powassan WTP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	2/1/24 12:00 AM	2/15/24 03:10 PM	2/15/24 03:10 PM	Health And Safety Inspection (1m) 6033 - The monthly H&S Inspection was conducted on February 08, 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)
<a href="#">3780569</a>			6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	2/1/24 12:00 AM	2/20/24 03:31 PM	2/20/24 03:31 PM	Analyzer Chlorine Inspection/ Service (1m) 6033 - February 13, 2024 by Dan Finnigan. During the monthly low chlorine critical alarm / lockout test the analyzer housing was flushed and inspected for damage and wear, and the electrolyte solution level was checked and topped up. The probe was re-inserted into the housing and a single point verification was conducted with the following results: Online analyzer: 2.01 mg/L Free Cl2 Handheld analyzer: 1.91 mg/L Free Cl2 The online analyzer required adjustment. The new slope after calibration was 86% (within spec).
<a href="#">3782143</a>			6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	2/1/24 12:00 AM	2/15/24 03:12 PM	2/15/24 03:12 PM	

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3782148</a>	0000209142	GENERATOR DIESEL POWASSAN GROUND WATER WELL:	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	2/1/24 12:00 AM	2/20/24 03:58 PM	2/20/24 03:58 PM	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033 - February 13, 2024 by Dan Finnigan. All fluid levels were checked, belts inspected, battery charging system, etc. The generator was started and the electrical load was transferred to generator power successfully, and transferred back to shore power properly when the test was completed. While running, the system was observed for leaks or any other deficiencies. Electrical volts and amps were recorded, along with the following generator values: RPM's = 1773 Oil Level = Full Coolant Temp=179 Deg.F Battery Voltage= 13.8V Oil Pressure 65 psi Fuel level = approximately 5.0 inches Hrs at start: 6969 hr 19 min Hrs at stop: 6970 hr 44 min Exhaust Temp = 600 Deg. F
<a href="#">3782979</a>			6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	COMP	2/1/24 12:00 AM	2/12/24 01:05 PM	2/12/24 01:05 PM	WISKI Review (1m) 6033 -WISKI Review (1m) for the month of January 2024 was completed on February 07, 2024 by Dan Finnigan. All values were checked and entered, lab data entries were reviewed, WISKI Graphs corrected, and this Work Order closed off.
<a href="#">3790810</a>	0000258571	ANALYZER CHLORINE AIT-601 RESERVOIR	6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	2/1/24 12:00 AM	2/27/24 08:38 AM	2/27/24 08:38 AM	
<a href="#">3803498</a>			6033, Powassan WTP, Facility	CAP	Predictive Maintenance	0		Powassan Well House Electrical Cleanup & new Chlorine Analyzer Installation	COMP		3/5/24 02:32 PM	3/5/24 02:32 PM	

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3805960</a>			6033, Powassan WTP, Facility, Power Generation	CAP	Refurbish/ Replace/Repair	0		Powassan Reservoir Generator: replace broken engine throttle body.	COMP		2/20/24 03:15 PM	2/20/24 03:15 PM	Powassan Reservoir Generator: replace broken engine throttle body. - Powassan Reservoir Generator: Generator technician replaced the broken engine throttle body.
<a href="#">3807789</a>	0000235294	PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL	6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:50 AM	3/20/24 07:50 AM	Critical Building Intrusion Alarm Testing (1m) 6033 -March 12, 2024. Dan Finnigan performed a test of the well supply building entrance door intrusion alarm by not disarming the alarm when entering the building. This caused an intrusion alarm, which True Steel Alarm Monitoring Service received and notified the on-call operator. This confirms that the building door intrusion alarm is working. DF
<a href="#">3816874</a>	0000296004	GENERATOR NATURAL GAS GENSET McRae Road Reservoir	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:56 AM	3/20/24 07:56 AM	

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3823294</a>	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	COMP	3/1/24 12:00 AM	3/20/24 08:02 AM	3/20/24 08:02 AM	Critical Alarm/Dialer Testing (1m) 6033 -Critical Alarm/Dialer Testing (1m) 6033 was completed by Dan Finnigan on March 12, 2024. The Cl2 probe was pulled out of the sample cells to perform a monthly inspection and cleaning and to force an alarm condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. Telus Alarms called to advise they had received an alarm notification re the low chlorine alarm. The Cl2 probe was placed back into the flow thru sample cell after it was inspected, cleaned and the electrolyte topped up. A new membrane cap was installed. After the low chlorine alarm cleared, the well pump lockout was reset to resume normal operation of the well house. These actions verified proper operation of the low Cl2/instrument alarm, alarm dialer and well pump interlock.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3823559</a>			6033, Powassan WTP	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:48 AM	3/20/24 07:48 AM	Health And Safety Inspection (1m) 6033 -The monthly H&S Inspection was conducted on March 12, 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)
<a href="#">3823661</a>			6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 08:05 AM	3/20/24 08:05 AM	
<a href="#">3825408</a>			6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:49 AM	3/20/24 07:49 AM	TPM Inspection/Maintenance (1m) 6033 -March 12, 2024 Reviewed trending to ensure both submersible well pumps are operating within normal parameters. Started exhaust fan and observed motorized louvers operating properly. Verified chlorine pump on hand, as well as duty chlorine pump operating satisfactorily.



## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3825413</a>	0000209142	GENERATOR DIESEL POWASSAN GROUND WATER WELL:	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:53 AM	3/20/24 07:53 AM	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033 - March 12, 2024 by Dan Finnigan. All fluid levels were checked, belts inspected, battery charging system, etc. The generator was started and the electrical load was transferred to generator power successfully, and transferred back to shore power properly when the test was completed. While running, the system was observed for leaks or any other deficiencies. Electrical volts and amps were recorded, along with the following generator values: RPM's = 1767 Oil Level = Full Coolant Temp=181 Deg.F Battery Voltage= 13.8V Oil Pressure 63 psi Fuel level = approximately 4.5 inches Hrs at start: 6971 hr 19 min Hrs at stop: 6973 hr 33 min Exhaust Temp = 650 Deg. F
<a href="#">3826466</a>			6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 05:32 PM	3/20/24 05:32 PM	WISKI Review (1m) 6033 -WISKI Review (1m) for the month of February 2024 was completed on March 20, 2024 by Dan Finnigan. All values were checked and entered, lab data entries were reviewed, WISKI Graphs corrected, and this Work Order closed off.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 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
<a href="#">3834150</a>	0000258571	ANALYZER CHLORINE AIT-601 RESERVOIR	6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	3/1/24 12:00 AM	3/20/24 07:59 AM	3/20/24 07:59 AM	Analyzer Chlorine Inspection/ Service (1m) 6033 - March 12, 2024. Electrolyte levels were checked and filled, air was flushed from the analyzer housing, and readings checked against a pocket colorimeter. A single point calibration was conducted after placing the analyzer probe online. Online = 1.88 mg/L Tested = 1.50 mg/L The new slope after calibration was 2.07 mA/ppm (within spec).



**Appendix B - Work Order Summary for WWTL**

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3719543</a>	0000296003	GENERATOR NATURAL GAS GENSET Clark Street	5747, Clark SPS, Facility	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5747	COMP	1/1/24 12:00 AM	1/29/24 10:01 AM	1/29/24 10:01 AM	Diesel Generator Inspection/ Functional Test (1m) 5747 - January 09 and 26, 2024. Dan Finnigan performed the monthly Generator/Functional test.. All fluid levels were checked, belts inspected, battery charging system, etc. The generator transfer button was pressed and the start command to the generator was initiated. While running, the system was observed for leaks or any other deficiencies. The following generator values were recorded while running: RPM's= 1805 Oil Level = Full Coolant Temp=175 Deg.F Battery Voltage= 12.0 V Oil Pressure 59 psi Hrs at start: 537.9 Hrs at stop: 538.3
<a href="#">3727278</a>	0000126968	LAGOON CELL 01 SOUTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 01South Powassan Insp/Service (1m/6m/1y) 5747	COMP	1/1/24 12:00 AM	1/10/24 02:33 PM	1/10/24 02:33 PM	Lagoon Cell 01South Powassan Insp/ Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon on December 08, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3727295</a>	0000126967	LAGOON CELL 02 NORTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747	COMP	1/1/24 12:00 AM	1/10/24 02:34 PM	1/10/24 02:34 PM	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon on December 08, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3727329</a>	0000126969	LAGOON CELL 03 POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747	COMP	1/1/24 12:00 AM	1/10/24 02:36 PM	1/10/24 02:36 PM	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon on December 08, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3727469</a>			5747, Powassan WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5747	COMP	1/1/24 12:00 AM	1/29/24 09:44 AM	1/29/24 09:44 AM	Health And Safety Inspection (1m) 5747 - Dan Finnigan conducted the monthly H&S Inspection on January 26, 2024 which consisted of checking/ verifying the following items: 1. Spill Kit: all items were available 2. Safety Signage (all intact and visible) 3. First aid kit 4. Hearing protection earmuffs 5. Emergency lighting (tested and working) 6. Emergency Eyewash (bottles are within use before date) 7. Fire Extinguisher 8. CO Monitor

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3727533</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	1/1/24 12:00 AM	1/29/24 09:39 AM	1/29/24 09:39 AM	TPM Inspection/Maintenance (1m) 5747 -Completed by Curtis Green on January 19, 2024. The operation of all sewage station lift pumps were visually and audibly observed at both St. Gregory's Lift Station and the Clark Street Lift station. Pump #1 at St. Gregory SLS seemed a little noisy but pump output was normal. Pump #1 Output at Clark Street was about half of normal. The control panels were also checked for functionality with nothing unusual noted. Ventilation screens at the Clark Station were in good condition, and there was nothing else to report.
<a href="#">3727543</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	1/1/24 12:00 AM	1/29/24 10:03 AM	1/29/24 10:03 AM	Critical Alarm/Dialer Testing (1m) 5747 -Conducted by Dan Finnigan on January 26, 2024. Both sewage pumps were turned off in "hand" and the wet well level was allowed to rise until the High Level alarm setpoint was reached. The Telus alarm was triggered and messaged the operator and both pumps were turned back on to pump down the level. Both sewage pumps shut off in Auto when the level returned to normal.
<a href="#">3732323</a>			5747, Powassan WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	1/1/24 12:00 AM	1/10/24 11:23 AM	1/10/24 11:23 AM	WISKI Review (1m) 5747 -WISKI Review (1m) for the month of December 2023 was completed on January 10, 2024 by Dan Finnigan. All values were checked and entered, lab data entries were reviewed, and this Work Order closed off.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3765571</a>			5747, Clark SPS, Facility	CAP	Refurbish/ Replace/Repair	0		Powassan Clark St. Generator Gauges	COMP		3/20/24 09:15 AM	3/20/24 09:15 AM	Generator Amp meter and RPM gauge -Parts for this generator are getting harder to find due to the age of the unit. Val's Equipment is in contact with suppliers and trying to track down correct gauges or direct replacement gauges. PO#3765571 will be used if replacements can be procured and installed. If the parts are not able to be sourced, this PO will be cancelled.  Powassan Clark St. Generator Gauges -On March 05, 2024 Gary from Val's Equipment replaced the generator gauges at the Clark Street Lift Station with new ones.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3774389</a>	0000296003	GENERATOR NATURAL GAS GENSET Clark Street	5747, Clark SPS, Facility	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5747	COMP	2/1/24 12:00 AM	2/29/24 01:52 PM	2/29/24 01:52 PM	Diesel Generator Inspection/ Functional Test (1m) 5747 - February 28, 2024. Dan Finnigan performed the monthly Generator/ Functional test.. All fluid levels were checked, belts inspected, battery charging system, etc. The generator transfer button was pressed and the start command to the generator was initiated. While running, the system was observed for leaks or any other deficiencies. The following generator values were recorded while running: RPM's= 1830 Oil Level = Full Coolant Temp=170 Deg.F Battery Voltage= 12.2 V Oil Pressure 59 psi Hrs at start: 542.3 Hrs at stop: 542.3
<a href="#">3779741</a>	0000126968	LAGOON CELL 01 SOUTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 01South Powassan Insp/Service (1m/6m/1y) 5747	COMP	2/1/24 12:00 AM	2/12/24 01:11 PM	2/12/24 01:11 PM	Lagoon Cell 01South Powassan Insp/ Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on February 06, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.



## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3779751</a>	0000126967	LAGOON CELL 02 NORTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747	COMP	2/1/24 12:00 AM	2/12/24 01:12 PM	2/12/24 01:12 PM	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on February 06, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3779773</a>	0000126969	LAGOON CELL 03 POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747	COMP	2/1/24 12:00 AM	2/12/24 01:13 PM	2/12/24 01:13 PM	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on February 06, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3779791</a>			5747, Powassan WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5747	COMP	2/1/24 12:00 AM	2/29/24 01:53 PM	2/29/24 01:53 PM	
<a href="#">3779802</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	2/1/24 12:00 AM	2/29/24 01:55 PM	2/29/24 01:55 PM	TPM Inspection/Maintenance (1m) 5747 -Completed by Dan Finnigan on February 28, 2024. The operation of all sewage station lift pumps were visually and audibly observed at both St. Gregory's Lift Station and the Clark Street Lift station. Pump #1 at St. Gregory SLS seemed a little noisy but pump output was normal. The control panels were also checked for functionality with nothing unusual noted. Ventilation screens at the Clark Station were in good condition, and there was nothing else to report.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3779812</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	2/1/24 12:00 AM	2/29/24 01:58 PM	2/29/24 01:58 PM	Critical Alarm/Dialer Testing (1m) 5747 - February 12, 2024 This was an actual event that triggered the High Wet Well Level alarm when a flusher truck unplugged a sanitary service line. The resulting inrush of a high volume of water caused an immediate rise in the wet well level to alarm conditions. Both pumps engaged to bring down the level within minutes and the alarm condition was restored.
<a href="#">3782984</a>			5747, Powassan WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	2/1/24 12:00 AM	2/12/24 01:07 PM	2/12/24 01:07 PM	WISKI Review (1m) 5747 -WISKI Review (1m) for the month of January 2024 was completed on February 07, 2024 by Dan Finnigan. All values were checked and entered, lab data entries were reviewed, and this Work Order closed off
<a href="#">3816858</a>	0000296003	GENERATOR NATURAL GAS GENSET Clark Street	5747, Clark SPS, Facility	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5747	COMP	3/1/24 12:00 AM	3/20/24 09:05 AM	3/20/24 09:05 AM	
<a href="#">3823156</a>	0000126968	LAGOON CELL 01 SOUTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 01South Powassan Insp/Service (1m/6m/1y) 5747	COMP	3/1/24 12:00 AM	3/20/24 02:30 PM	3/20/24 02:30 PM	Lagoon Cell 01South Powassan Insp/ Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on March 04 and March 15, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3823166</a>	0000126967	LAGOON CELL 02 NORTH POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747	COMP	3/1/24 12:00 AM	3/20/24 02:30 PM	3/20/24 02:30 PM	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on March 04 and March 15, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3823188</a>	0000126969	LAGOON CELL 03 POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747	COMP	3/1/24 12:00 AM	3/20/24 02:32 PM	3/20/24 02:32 PM	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747 -Dan Finnigan inspected the associated lagoon during the monthly RAW sewage sample collection on March 04 and March 15, 2024. The lagoon berm was inspected and found to be in good condition, the level was checked and found to be below the overflow level, and there were no other unusual observations.
<a href="#">3823206</a>			5747, Powassan WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5747	COMP	3/1/24 12:00 AM	3/20/24 09:08 AM	3/20/24 09:08 AM	Health And Safety Inspection (1m) 5747 - Dan Finnigan conducted the monthly H&S Inspection on March 19, 2024which consisted of checking/ verifying the following items: 1. Spill Kit: all items were available 2. Safety Signage (all intact and visible) 3. First aid kit 4. Hearing protection earmuffs 5. Emergency lighting (tested and working) 6. Emergency Eyewash (bottles are within use before date) 7. Fire Extinguisher 8. CO Monitor

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 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
<a href="#">3823217</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	3/1/24 12:00 AM	3/20/24 09:10 AM	3/20/24 09:10 AM	TPM Inspection/Maintenance (1m) 5747 -Completed by Dan Finnigan on March 19, 2024. The operation of all sewage station lift pumps were visually and audibly observed at both St. Gregory's Lift Station and the Clark Street Lift station. Pump #1 at St. Gregory SLS seemed a little noisy but pump output was normal. The control panels were also checked for functionality with nothing unusual noted. Ventilation screens at the Clark Station were in good condition, and there was nothing else to report.
<a href="#">3823224</a>			5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	3/1/24 12:00 AM	3/20/24 09:21 AM	3/20/24 09:21 AM	Critical Alarm/Dialer Testing (1m) 5747 -Conducted by Dan Finnigan on March 19, 2024. Both sewage pumps were turned off in "hand" and the wet well level was allowed to rise until the High Level alarm setpoint was reached. The Telus alarm was triggered and messaged the operator and both pumps were turned back on to pump down the level. Both sewage pumps shut off in Auto when the level returned to normal.
<a href="#">3826471</a>			5747, Powassan WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	3/1/24 12:00 AM	3/20/24 05:30 PM	3/20/24 05:30 PM	



**Appendix C – Call-out Report for WTP**

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 6033\*  
 Work Order Type: CALL,EMER  
 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
<a href="#">3759316</a>			6033, Powassan WTP	CALL	Compliance	0		Powassan Well House Low Chlorine Alarm / Lockout	CLOSE		1/2/24 04:18 PM	1/2/24 07:00 PM	Powassan Well House Low Chlorine Alarm / Lockout - 16:18--Received an acknowledged alarm from True Steel for low chlorine at Wellhouse 16 :35--Arrived at Wellhouse to find online analyzer reading, 0.04 mg/L. Confirmed low residual with handheld. Hypo pump appears to be frozen in off mode. Unplugged and restarted hypo pump. reviewed trending on data logger. Well pumps shut off as soon as residual reached alarm setpoint. 16:40--Opened up wasting valve and began to backflush contact chamber at approximately 16 to 22 L per second 16:58--Received and acknowledged alarm from True Steel for low reservoir level. 17:00--Compared online analyzer to handheld: online analyzer is reading 1.80 mg/L, tested reading was 1.77 mg/L. Stopped wasting and returned all valves back to normal operations. 17:05--Cleared low chlorine alarm from HMI, and allowed well pump number two to start in auto. Confirmed pump is now working normally. 17:10--Cleared and adjusted low reservoir alarm set point down to 4.35 m.
<a href="#">3805260</a>			6033, Powassan WTP, Process	CALL	Inspection	0		6033 Powassan Well House Power Failure and Chlorine Lockout Alarm	COMP		2/9/24 07:30 PM	2/9/24 08:30 PM	Powassan Well House Power Failure and Chlorine Lockout Alarm -Received Power Failure and Low Chlorine Alarm following area utility outage. Reset Low Chlorine and Well Pump Interlock Alarming. Equipment inspection.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 6033\*  
 Work Order Type: CALL,EMER  
 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
<a href="#">3805261</a>			6033, Powassan WTP, Process, Storage	CALL	Inspection	0		6033 Powassan Well House Auxiliary 1 Low Reservoir Level Alarm	COMP		2/9/24 11:30 PM	2/10/24 12:00 AM	Powassan Well House Auxiliary 1 Low Reservoir Level Alarm - Received Auxiliary 1 Low Reservoir Level Alarm following loss of communication. Reset Low Reservoir Level Alarm and Well Pump Interlock.



**Appendix D - Call-out Report for WWTL**



## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 Work Order Type: CALL,EMER  
 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
<a href="#">3762809</a>			5747, Clark SPS	CALL	Inspection	0		5747 Powassan Clark Street SPS Communication Lost Alarm	COMP		1/13/24 09:30 PM	1/14/24 12:45 AM	Powassan Clark Street SPS Communication Lost Alarm -Received WIN911 Communications Lost Alarm. Inspected station and assessed Outpost Panel with normal function. Reviewed Wonderware trending for Clark Street SPS with data interruption occurring @ 2126 hours restoring @ 2201 hours. No further issues.
<a href="#">3805255</a>			5747, Clark SPS	CALL	Inspection	0		5947 Powassan Clark Street SPS Communication Lost Alarm	COMP		2/9/24 07:45 PM	2/9/24 08:15 PM	Powassan Clark Street SPS Communication Lost Alarm - Received WIN911 Communications Lost Alarm due to Control Power Alarming following area utility outage. Observed Generator Fault. Following repeated attempts to activate Generator in Auto unit powered station. Received TELUS and WIN911 High Level Alarm. Station Level shown as 8.87 metres verified with visual inspection Wetwell.

## Workorder Summary Report

 Report Start Date: Jan 1, 2024 12:00 AM  
 Report End Date: Mar 31, 2024 11:59 PM  
 Location: 5747\*  
 Work Order Type: CALL,EMER  
 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
<a href="#">3805780</a>			5747, Powassan WWTL	CALL	Compliance	0		Powassan Sanitary Overflow / Spill response	COMP		2/12/24 03:35 PM	2/13/24 04:00 PM	Powassan Sanitary Overflow / Spill response - Monday February 12, 2024 15:35--Notified by Powassan Public Works of possible spill from overflowing manhole. Leaving North Bay for Powassan 16:30--Put out chlorine pucks in path of overflowing manhole sewage (draining into Genesee Creek) 16:45--Collected sample from manhole spill 17:08--Notified SAC (Incident No.# 1-4NFUT6) about spill 17:17--Called MOH and left message with answering service 17:20--Truck onsite to pump down upstream manhole. Overflowing manhole stopped within 3 minutes of pumping. 17:23--Spoke with James Mlotshwa (MOH) about spill and response 18:20--Muskoka Hydrovac truck onsite to begin flushing sanitary lines, etc. 19:05--Received and acknowledged Clark Street high level alarm (followed by restoral) following flushing of upstream sanitary lines and debris / grease blockage removal. 20:19--Called back SAC as per instructions to give an update on manhole spill Tuesday February 13, 2024 15:55--emailed completed Incident Response form to all interested parties



**Appendix E - Performance Assessment Report Water**

**Powassan Drinking Water System  
Performance Assessment Report Water**

From: 01/01/2024 to 31/03/2024

Report extracted 04/08/2024 12:42

Facility: [6033] POWASSAN DRINKING WATER SYSTEM

Works: [220000576]

	01/2024	02/2024	03/2024	<--Total-->	<--Avg-->	<--Max-->	<--Min-->
<b>Flows:</b>							
Raw Flow: Monthly Total - Raw Well 1 (m³)	7153.77	6762.56	7494.96	21411.29			
Raw Flow: Monthly Total - Raw Well 2 (m³)	7317.07	6793.81	7552.97	21663.85			
Raw Flow: Monthly Avg - Raw Well 1 (m³/d)	230.77	233.19	241.77		235.24		
Raw Flow: Monthly Avg - Raw Well 2 (m³/d)	236.03	234.27	243.64		237.98		
Raw Flow: Monthly Max - Raw Well 1 (m³/d)	302.07	340.23	375.5			375.5	
Raw Flow: Monthly Max - Raw Well 2 (m³/d)	342.33	331.25	282.17			342.33	
Raw Flow: Monthly Total - Raw Water - Total (m³)	14470.84	13556.37	15047.93	43075.14			
Raw Flow: Monthly Avg - Raw Water - Total (m³/d)	466.8	467.46	485.42		473.23		
Raw Flow: Monthly Max - Raw Water - Total (m³/d)	526.64	538.82	586.84			586.84	
<b>Turbidity:</b>							
Raw: Max Turbidity - Raw Well 1 (NTU)	0.16	0.1	0.11			0.16	
Raw: Max Turbidity - Raw Well 2 (NTU)	0.12	0.13	0.1			0.13	
<b>Chemical Parameters:</b>							
Treated: Max Nitrite - TW1 (mg/L)	< 0.003				<	0.003	
Treated: Max Nitrate - TW1 (mg/L)	0.873					0.873	
Distribution: Max THM - Distribution (µg/l)	1.7					1.7	
<b>Chlorine Residuals:</b>							
Treated: Min Free Cl2 Resid - Treated Water (mg/L)	1.067	1.052	0.886				0.886
Treated: Max Free Cl2 Resid - Treated Water (mg/L)	3.726	2.932	2.548			3.726	
Dist: Min Free Cl2 Resid - Distribution (mg/L)	1.48	1.56	1.39				1.39
Dist: Max Free Cl2 Resid - Distribution (mg/L)	2.19	1.94	2.03			2.19	
<b>Bacti Samples Collected:</b>							
Raw Bacti: # of samples - Raw Well 1	5	4	4	13			
Raw Bacti: # of samples - Raw Well 2	5	4	4	13			
Treated Bacti: # of samples - TW1	3	2	1	6			
Treated Bacti: # of samples - TW2	2	2	3	7			
Dist Bacti: # of samples - Distribution	15	12	12	39			
Treated Bacti: # of TC exceedances - TW1	0	0	0	0			
Treated Bacti: # of TC exceedances - TW2	0	0	0	0			
Treated Bacti: # of EC exceedances - TW1	0	0	0	0			
Treated Bacti: # of EC exceedances - TW2	0	0	0	0			
Dist Bacti: # of TC exceedances - Distribution	0	0	0	0			
Dist Bacti: # of EC exceedances - Distribution	0	0	0	0			



**Appendix F - Performance Assessment Report Wastewater**

## Performance Assessment Report

From: 01/01/2024 to 31/03/2024

---

**5747 POWASSAN WASTEWATER TREATMENT LAGOON 11000613**


---

1 / 2024      2/ 2024      3/ 2024      <--Total-->      <--Avg-->      <--Max-->

---

**Flows**

Raw Flow: Total - Raw m <sup>3</sup> /d	13,512.50	14,373.50	18,234.80	46,120.80		
Raw Flow: Total - St Gregory m <sup>3</sup> /d	463.30	495.50	475.70	1,434.50		
Raw Flow: Total - Clark Street m <sup>3</sup> /d	13,049.20	13,878.00	17,759.10	44,686.30		
Raw Flow: Avg - Raw m <sup>3</sup> /d	435.89	495.64	588.22		506.82	
Raw Flow: Avg - St Gregory m <sup>3</sup> /d	14.95	17.09	15.35		15.76	
Raw Flow: Avg - Clark Street m <sup>3</sup> /d	420.94	478.55	572.87		491.06	
Raw Flow: Max - Raw m <sup>3</sup> /d	523.90	900.50	869.90			900.50
Raw Flow: Max - St Gregory m <sup>3</sup> /d	19.60	25.50	19.90			25.50
Raw Flow: Max - Clark Street m <sup>3</sup> /d	510.30	880.00	852.20			880.00
Raw Flow: Count - Raw m <sup>3</sup> /d	31.00	29.00	31.00	91.00		
Raw Flow: Count - St Gregory m <sup>3</sup> /d	31.00	29.00	31.00	91.00		
Raw Flow: Count - Clark Street m <sup>3</sup> /d	31.00	29.00	31.00	91.00		

**Biochemical Oxygen Demand: BOD5**

Raw: Avg BOD5 - Raw mg/L	134.00	119.50	149.00		134.17	149.00
Raw: # of samples of BOD5 - Raw	1.00	2.00	1.00	4.00		

**Total Suspended Solids: TSS**

Raw: Avg TSS - Raw mg/L	195.00	110.00	120.00		141.67	195.00
Raw: # of samples of TSS - Raw	1.00	2.00	1.00	4.00		

**Total Phosphorus: TP**

Raw: Avg TP - Raw mg/L	1.35	3.19	2.08		2.21	3.19
Raw: # of samples of TP - Raw	1.00	2.00	1.00	4.00		

**Nitrogen Series**

Raw: Avg TKN - Raw mg/L	13.50	30.70	25.90		23.37	30.70
Raw: # of samples of TKN - Raw	1.00	2.00	1.00	4.00		