

SYSTEM OVERVIEW

January 1st to March 31st , 2025

OPERATIONAL HIGHLIGHTS

Drinking Water System

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

Wastewater Treatment

- The wastewater treatment system performed well during the first quarter.
- Powassan Clark St station bypass during snowmelt and rain.

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.
- Outdoor facility lighting was replaced at the wellhouse.

Wastewater Treatment System

- Clark St. generator would not start. Starter was burnt out and needed to be repaired. Solenoid was repaired. Radiator was flushed. Water tank heater was replaced.
- Outdoor facility lighting was replaced at the Clark St station.

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 2025 and all results fell within regulatory limits.
- 2024 annual report completed January 20, 2025.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed January 14, 2025.
- Permit to take Water (PTTW) reporting completed March 13, 2025.
- No Ministry of Labour (MOL) inspections conducted this quarter.
- Ministry of the Environment Conservation and Parks (MECP) inspection completed on February 4, 2025. One non-compliance identified during the review period, both resolved. Final inspection rating 96.79%.
- All required sewage samples required under the system's Environmental Compliance Approval (ECA) were collected and tested in the first quarter of 2025.
- 2024 annual sewage report completed March 11, 2025.
- Annual WSER reporting completed February 4, 2025.

INCIDENTS AND COMPLAINTS

Powassan Drinking Water System

Incident	N/A
Date	
Details	

Powassan Wastewater System

Incident	Clark Street Pump Station
Date	March 16, 2025
Details	SAC Ref No.: 1-J10000 Date & Time: March 16, 2025 @ 0300 hrs (estimated) Termination: March 17, 2025 @ 0300 hrs (estimated) Duration: 24 hours Approximate volume: 480 m³ (estimated) Details/Cause of Incident: Hydraulic overload of the Sewage Lift Station due to rapid snow melt and seasonal precipitation. Subsequently began overflowing with the waste stream flowing into Genesee Creek in Powassan (waste stream was super chlorinated with pucks). Corrective & Preventative Actions: Super Chlorination pucks placed in path of waste stream. Reporting: Incident was reported to appropriate authorities as required. Reporting: Verbal report to MOH and SAC, written reports to MOH, SAC, EC, local MECP and Owner.

HEALTH AND SAFETY

- Staff training completed on WHMIS.
- Staff training completed on Hot Work Management.
- Staff training completed on Oxygen Deficiency and Gas Hazards.

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

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
M/ TER 6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	1/1/25 12:00 AM 1/28/25 08:00 AM
S ace Road 6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	1/1/25 12:00 AM 1/28/25 08:03 AM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start
M/ TER	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 6033	COMP	1/1/25 12:00 AM
						Actual Start	1/28/25 08:07 AM
							1/28/25

Report Start Date:	Jan 1, 2025 12:00 AM
Report End Date:	Mar 31, 2025 11:59 PM
Location:	6033*
Work Order Type:	CAP,CORR,OPER,PM
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
6033, Powassan WTP	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	1/1/25 12:00 AM	1/28/25 08:09 AM
6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	1/1/25 12:00 AM	1/28/25 08:14 AM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	1/1/25 12:00 AM 1/28/25 08:17 AM
DIESEL GENERATOR 6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	1/1/25 12:00 AM 1/28/25 08:20 AM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

WorkOrder		PM Schedule		Workorder Details						
Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	A	F
6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	COMP	1/1/25 12:00 AM	1/9/25 07:36 PM	1/9/25	
6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/Service (1m) 6033	COMP	1/1/25 12:00 AM	1/28/25 08:22 AM	1/28/25	

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
Powassan Ground Water Well System	CORR	Refurbish/ Replace/Repair	0		Powassan Distribution Service Line Repair and Watermain Isolation	COMP	1/13/25 08:57 AM 1/13/25
6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	2/1/25 12:00 AM 3/3/25 11:18 AM 3/3/25
6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	2/1/25 12:00 AM 2/13/25 10:02 AM 2/13/25

Report Start Date: Jan 1, 2025 12:00 AM												
Report End Date: Mar 31, 2025 11:59 PM												
Location: 6033*												
Work Order Type: CAP,CORR,OPER,PM												
Work Order Class:												
		WorkOrder		PM Schedule								
		Workorder Details										
Description		Location Description		Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	AF
M/TER		6033, Powassan WTP, Process, Lowlift, Well System		PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 6033	COMP	2/1/25 12:00 AM	3/3/25 11:21 AM	3/3/25

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
6033, Powassan WTP	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	2/1/25 12:00 AM	3/3/25 11:19 AM
6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/Service (1m) 6033	COMP	2/1/25 12:00 AM	3/3/25 11:30 AM

Report Start Date: Jan 1, 2025 12:00 AM Report End Date: Mar 31, 2025 11:59 PM Location: 6033* Work Order Type: CAP,CORR,OPER,PM Work Order Class:									
Description	Location Description	WorkOrder		PM Schedule		Workorder Details			
		Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
DIESEL GENERATOR	6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	2/1/25 12:00 AM	3/3/25 11:23 AM
	6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	2/1/25 12:00 AM	3/3/25 11:26 AM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	COMP	2/1/25 12:00 AM 2/13/25 01:56 PM
6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	2/1/25 12:00 AM 2/13/25 10:00 AM
6033, Powassan WTP	CORR	Refurbish/ Replace/Repair	0		Powassan Well House Hypo Pump and Chlorine Analyzer parts for repair and maintenance	COMP	3/6/25 01:17 PM 3/6/25

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
M/ TER 6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Building Intrusion Alarm Testing (1m) 6033	COMP	3/1/25 12:00 AM 3/21/25 04:49 PM
S ace Road 6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033	COMP	3/1/25 12:00 AM 3/21/25 05:08 PM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

WorkOrder		PM Schedule		Workorder Details							
Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	A	F
M/TER	6033, Powassan WTP, Process, Lowlift, Well System	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 05:17 PM	3/21/25	

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
6033, Powassan WTP	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 04:50 PM
6033, Powassan WTP, Process, Process Control & Monitoring	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/Service (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 05:20 PM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 6033*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
6033, Powassan WTP	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 04:53 PM
DIESEL 6033, Powassan WTP, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 04:56 PM

Report Start Date: Jan 1, 2025 12:00 AM

Report End Date: Mar 31, 2025 11:59 PM

Location: 6033*

Work Order Type: CAP,CORR,OPER,PM

Work Order Class:

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
6033, Powassan WTP	OPER	Compliance	1	MONTHS	WISKI Review (1m) 6033	COMP	3/1/25 12:00 AM	3/24/25 04:33 PM
IT-601 6033, Powassan WTP, Process, Storage, Elevated Reservoir	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 6033	COMP	3/1/25 12:00 AM	3/21/25 05:11 PM

Appendix B - Work Order Summary for WWTL

Report Start Date: Jan 1, 2025 12:00 AM

Report End Date: Mar 31, 2025 11:59 PM

Location: 5747*

Work Order Type: CAP,CORR,OPER,PM

Work Order Class:

WorkOrder		PM Schedule		Workorder Details		
Description	Location Description	Type	Class	FEQ	Units	Work Order Description
AS Street	5747, Clark SPS, Facility	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5747
				COMP	1/1/25 12:00 AM	1/16/25 11:23 AM
						1/16/25

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

WorkOrder			PM Schedule		Workorder Details				
Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finish
L 01 ASSAN	PM	Inspection	1	MONTHS	Lagoon Cell 01 South Powassan Insp/Service (1m/6m/1y) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:16 AM	1/16/25
L 02 ASSAN	PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:17 AM	1/16/25
L 03	PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:18 AM	1/16/25

Report Start Date:		Jan 1, 2025 12:00 AM	
Report End Date:		Mar 31, 2025 11:59 PM	
Location:		5747*	
Work Order Type:		CAP,CORR,OPER,PM	
Work Order Class:			

WorkOrder		PM Schedule		Workorder Details			
Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:20 AM
PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:21 AM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	1/1/25 12:00 AM	1/16/25 10:23 AM
5747, Powassan WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	1/1/25 12:00 AM	1/10/25 04:12 PM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
5747, Clark SPS	CORR	Refurbish/ Replace/Repair	0		Powassan Clark Street Pumping Station Generator Diagnosis, Repair and Service	COMP	4/2/25 09:27 AM 4/2/25

Report Start Date:		Jan 1, 2025 12:00 AM	
Report End Date:		Mar 31, 2025 11:59 PM	
Location:		5747*	
Work Order Type:		CAP,CORR,OPER,PM	
Work Order Class:			

		WorkOrder		PM Schedule		Workorder Details			
Description	Location Description	Type	Class	FEQ	Units	Work Order Description		Status	Schedule Start
		PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747		COMP	2/1/25 12:00 AM
L.L 02 POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747		COMP	2/1/25 12:00 AM
								2/7/25 03:13 PM	2/7/25
L.L 03	5747, Powassan WWTL, Process	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 5747		COMP	2/1/25 12:00 AM
								3/3/25 11:08 AM	3/3/25

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
5747, Powassan WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	2/1/25 12:00 AM	3/3/25 11:07 AM
5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	2/1/25 12:00 AM	3/3/25 11:10 AM
5747, Powassan WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	2/1/25 12:00 AM	2/13/25 01:55 PM

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

WorkOrder			PM Schedule		Workorder Details						
Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finish	
L.L 01 POWASSAN 5747, Clark SPS, Facility Street		PM	Refurbish/ Replace/Repair	1	MONTHS		Diesel Generator Inspection/ Functional Test (1m) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:18 AM	3/19/25
L.L 01 POWASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS		Lagoon Cell 01 South Powassan Insp/Service (1m/6m/1y) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:05 AM	3/19/25

Report Start Date:		Jan 1, 2025 12:00 AM	
Report End Date:		Mar 31, 2025 11:59 PM	
Location:		5747*	
Work Order Type:		CAP,CORR,OPER,PM	
Work Order Class:			

WorkOrder		PM Schedule		Workorder Details						
Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	A F
L 02 ASSAN	5747, Powassan WWTL, Process	PM	Inspection	1	MONTHS	Lagoon Cell 02 North Powassan Insp/Service (1m/6m/1y) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:07 AM	3/19/25
		PM	Inspection	1	MONTHS	Lagoon Cell 03 Powassan Inspection/Service (1m/6m/1y) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:08 AM	3/19/25

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CAP,CORR,OPER,PM	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details			
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start
5747, Powassan WWTL	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:10 AM
5747, Powassan WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:11 AM
5747, Powassan WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5747	COMP	3/1/25 12:00 AM	3/19/25 10:16 AM

Report Start Date:		Jan 1, 2025 12:00 AM	
Report End Date:		Mar 31, 2025 11:59 PM	
Location:		5747*	
Work Order Type:		CAP,CORR,OPER,PM	
Work Order Class:			

		WorkOrder		PM Schedule		Workorder Details				
Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	A F
5747, Powassan WWTL		OPER	Compliance	1	MONTHS	WISKI Review (1m) 5747	COMP	3/1/25 12:00 AM	3/13/25 02:31 PM	3/13/25

Appendix C – Call-out Report for WTP

Report Start Date: Jan 1, 2025 12:00 AM

Report End Date: Mar 31, 2025 11:59 PM

Location: 6033*

Work Order Type: CALL,EMER

Work Order Class:

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start
6033, Powassan WTP	CALL	Compliance	0		Powassan WS Auxillary#3 Alarm (Well Pump Fail Alarm)	COMP	3/13/25 02:02 AM 3/13/25

Appendix D - Call-out Report for WWTL

Report Start Date: Jan 1, 2025 12:00 AM	
Report End Date: Mar 31, 2025 11:59 PM	
Location: 5747*	
Work Order Type: CALL,EMER	
Work Order Class:	

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start
5747, Faireview SPS	CALL	Compliance	0		Powassan Wonderware Communication/Heartbeat Alarm	COMP	1/19/25 08:15 AM
							1/19/25

Report Start Date: Jan 1, 2025 12:00 AM Report End Date: Mar 31, 2025 11:59 PM Location: 5747* Work Order Type: CALL,EMER Work Order Class:									
Description	WorkOrder		PM Schedule		Workorder Details				AF
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	
KER 02 AN VIEW PS 5747, Powassan WWTL, Facility	CALL	Compliance	0		Powassan Clark St. SLS High Wet Well & By-pass	COMP		3/15/25 11:30 AM	3/17/25

Report Start Date: Jan 1, 2025 12:00 AM

Report End Date: Mar 31, 2025 11:59 PM

Location: 5747*

Work Order Type: CALL,EMER

Work Order Class:

Description	WorkOrder		PM Schedule		Workorder Details		
	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start Actual Start

Appendix E - Performance Assessment Report Water

6033 POWASSAN DRINKING WATER SYSTEM 220000576

	1 / 2025	2 / 2025	3 / 2025	<--Total-->	<--Avg-->	<--Max-->	<--Min-->
Flows							

Raw Flow: Monthly Total - RW1 - Raw Well 1 (m³)	7,306.67	6,843.45	7,443.97	21,594.09			
Raw Flow: Monthly Total - RW2 - Raw Well 2 (m³)	7,019.43	6,071.17	6,981.06	20,071.66			
Raw Flow: Monthly Avg - RW1 - Raw Well 1 (m³)	235.70	244.41	240.13		240.08		
Raw Flow: Monthly Avg - RW2 - Raw Well 2 (m³)	226.43	216.83	225.20		222.82		
Raw Flow: Monthly Max - RW1 - Raw Well 1 (m³)	290.76	460.86	349.04			460.860	
Raw Flow: Monthly Max - RW2 - Raw Well 2 (m³)	280.78	266.28	340.46			340.460	
Raw Flow: Monthly Total - RW - Raw Water - Total (m³)	14,326.10	12,914.62	14,425.03	41,665.75			
Raw Flow: Monthly Avg - RW - Raw Water - Total (m³)	462.13	461.24	465.32		462.90		
Raw Flow: Monthly Max - RW - Raw Water - Total (m³)	506.55	535.97	518.58			535.970	

Turbidity

Raw: Max Turbidity - RW1 - Raw Well 1 (NTU)	0.100	0.100	0.090			0.100	
Raw: Max Turbidity - RW2 - Raw Well 2 (NTU)	0.100	0.100	0.090			0.100	

Chemical Parameters

Treated: Max Nitrite - TW2 - TW2 (mg/L)	0.003			<	<	0.003	<
Treated: Max Nitrate - TW2 - TW2 (mg/L)	1.090					1.090	
Distribution: Max THM - DW - Distribution (µg/l)	4.900					4.900	
Distribution: Max HAA - DW - Distribution (µg/l)	5.300			<	<	5.300	<

Chlorine Residuals

Treated: Min Free Cl2 Resid - TW - Treated Water (mg/L)	1.028	0.803	1.100				0.803
Treated: Max Free Cl2 Resid - TW - Treated Water (mg/L)	2.727	2.689	2.254			2.727	
Dist: Min Free Cl2 Resid - DW - Distribution (mg/L)	1.460	1.540	1.590				1.420
Dist: Max Free Cl2 Resid - DW - Distribution (mg/L)	1.770	2.120	2.030			2.120	

Bacti Samples Collected

Raw Bacti: # of samples - RW1 - Raw Well 1	4	4	4	12			
Raw Bacti: # of samples - RW2 - Raw Well 2	4	4	4	12			
Treated Bacti: # of samples - TW1 - TW1	1	2	2	5			
Treated Bacti: # of samples - TW2 - TW2	3	2	2	7			
Dist Bacti: # of samples - DW - Distribution	12	12	12	36			
Dist HPC: # of samples - DW - Distribution	4	4	4	12			
Treated Bacti: # of TC exceedances - TW1 - TW1	0	0	0	0			
Treated Bacti: # of TC exceedances - TW2 - TW2	0	0	0	0			
Treated Bacti: # of EC exceedances - TW1 - TW1	0	0	0	0			
Treated Bacti: # of EC exceedances - TW2 - TW2	0	0	0	0			
Dist Bacti: # of TC exceedances - DW - Distribution	0	0	0	0			
Dist Bacti: # of EC exceedances - DW - Distribution	0	0	0	0			

Appendix F - Performance Assessment Report Wastewater

Performance Assessment Report

From 01/01/2025 to 31/03/2025

5747 POWASSAN WASTEWATER TREATMENT LAGOON 110000613

1 / 2025 2/ 2025 3/ 2025 <--Total--> <--Avg--> <--Max-->

Flows

Raw Flow: Total - Raw m³/d	14,574.40	10,755.40		0.00	25,329.80			
Raw Flow: Total - St Gregory m³/d	434.50	359.20		0.00	793.70			
Raw Flow: Total - Clark Street m³/d	14,139.90	10,396.20		0.00	24,536.10			
Raw Flow: Avg - Raw m³/d	470.14	384.12		0.00	429.32			
Raw Flow: Avg - St Gregory m³/d	14.02	12.83		0.00	13.45			
Raw Flow: Avg - Clark Street m³/d	456.13	371.29		0.00	415.87			
Raw Flow: Max - Raw m³/d	682.90	426.60		0.00				682.90
Raw Flow: Max - St Gregory m³/d	18.00	15.70		0.00				18.00
Raw Flow: Max - Clark Street m³/d	668.70	413.20		0.00				668.70
Raw Flow: Count - Raw m³/d	31.00	28.00		0.00	59.00			
Raw Flow: Count - St Gregory m³/d	31.00	28.00		0.00	59.00			
Raw Flow: Count - Clark Street m³/d	31.00	28.00		0.00	59.00			

Biochemical Oxygen Demand: BOD5

Raw: Avg BOD5 - Raw mg/L	194.00	242.00		112.00		182.67		242.00
Raw: # of samples of BOD5 - Raw	1.00	1.00		1.00	3.00			

Total Suspended Solids: TSS

Raw: Avg TSS - Raw mg/L	183.00	177.00		95.00		151.67		183.00
Raw: # of samples of TSS - Raw	1.00	1.00		1.00	3.00			

Total Phosphorus: TP

Raw: Avg TP - Raw mg/L	4.52	3.34		1.69		3.18		4.52
Raw: # of samples of TP - Raw	1.00	1.00		1.00	3.00			

Nitrogen Series

Raw: Avg TKN - Raw mg/L	36.70	27.40		13.70		25.93		36.70
Raw: # of samples of TKN - Raw	1.00	1.00		1.00	3.00			