

SYSTEM OVERVIEW

October 1st to December 31st, 2025

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the third quarter.
- Generator was repaired and returned to service.

Wastewater Treatment

- The wastewater treatment system performed well during the third quarter.
- McKenzie Station pump failed. Was sent out for rebuild assessment.
- 601 McKenzie Station generator failed. Service technicians thought it may have been solenoid related issue, however it appears to be an obsolete speed control board from 1978. Will try to track down compatible parts for repair. In the meantime, the Public Works emergency portable generator was hardwired in as backup and placed into service.
- Approved to proceed with the second 60 HP submersible to replace the second 88 HP that recently failed. Initiated the energy retrofit incentive program with the IESO.

CAPITAL PLAN PROGRESS

Drinking Water System

- Generator that powers the wellhouse and main sewage lift station failed. Throttle body controller was rush ordered. Emergency repairs did not correct the problem. Ran off of the reservoir during scheduled hydro outage. Hydrovac truck assisted in keeping sewage levels down by pumping out several loads at the main lift station.
- Submitted 2026 capital forecast

Wastewater Treatment Lagoon

- *Sewage pump station wetwells and lagoon discharge box cleaned out.*
- *Rebuild 3.9 HP submersible pump from 601 McKenzie station.*
- *Removed temporary pump control panel and installed new replacement.*
- *Alternate duty 88 HP pump was clogged with non-flushable material. This is the second pump to be damaged by non-flushable materials in 2024. A spare was located by Xylem out of province and brought in to replace the failed pump, which was sent off for a rebuild assessment.*

- *Rebuilt 3.9 HP submersible pump was installed at 601 McKenzie 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 fourth quarter of 2025 and all results fell within regulatory limits.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed October 8, 2025.
- Summer Term lead, alkalinity and pH sampling completed October 8, 2025.
- Annual Capital and Major Maintenance Recommendations Report completed and submitted.
- Annual Hach instrument calibrations completed on November 4, 2025.
- THM running annual average below limit of 100 ug/L with a result of 6.00 ug/L in the past four quarters.
- HAA running annual average below limit of 80 ug/L (came into effect January 1, 2020) with a result of 5.00 ug/L in the past four quarters.
- ESA inspection completed at Mattawa WWTP on December 5, 2025. No defects identified.
- Lifting Devices inspected
- There were no Ministry of the Environment, Conservation and Parks (MECP) or Ministry of Labour (MOL) inspections conducted this quarter.
- DWQMS Management Review completed December 3, 2025.
- All required sewage samples under the system's Environmental Compliance Approval (ECA) were collected and tested during the fourth quarter of 2025, with the exception of two monthly sample that were missed in November.
- Lagoon sample results were well below ECA limits.

INCIDENTS AND COMPLAINTS

Mattawa Drinking Water System

Incident	562 Ottawa Street- Sewage smell coming from kitchen faucet.
-----------------	---

Date	October 19 2025
Details	Started water from kitchen sink, immediately took sample in PET 500 mL. No smell or tasted was detected. Chlorine residual collected 0.57 mg/L.

Mattawa Wastewater System

Incident	n/a
Date	
Details	

HEALTH AND SAFETY

- Staff training completed on ADHD Awareness.
- Staff training completed on Contingency Plan Cluster Training: Review topics Critical Injury and Unsafe Water
- Staff training completed on Winter walking hazards
- Staff training completed on Hazardous Energy and De-energization.

MATTAWA DRINKING WATER SYSTEM PERFORMANCE

See Appendix E – Performance Assessment Report Water

MATTAWA WASTEWATER TREATMENT LAGOON – WASTEWATER FLOW SUMMARY

See Appendix F – Performance Assessment Report Wastewater



MATTAWA WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix A - Work Order Summary for WTP

Workorder Summary Report

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

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

Location: 1517*

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
4790555	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	CLOSE	10/1/25 12:00 AM	10/31/25 02:59 PM	10/31/25 02:59 PM	
4790565			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	10/1/25 12:00 AM	1/15/26 02:45 PM	1/15/26 02:45 PM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV reference check completed, found within spec
4790579			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	10/1/25 12:00 AM	1/15/26 02:45 PM	1/15/26 02:45 PM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -UV reference check completed, found within spec
4790743			1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	UVR Service (Spring & Fall) 1517	COMP	10/1/25 12:00 AM	1/15/26 02:54 PM	1/15/26 02:54 PM	
4790754			1517, Mattawa DWS	PM	Inspection	3	MONTHS	Replace UV Air Filters 1517	COMP	10/1/25 12:00 AM	1/15/26 02:01 PM	1/15/26 02:01 PM	-Visual inspection of fans and ventilation. Changed filters, all ok
4790762	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	10/1/25 12:00 AM	1/15/26 01:52 PM	1/15/26 01:52 PM	UVT Analyzer calibration to yellow box (1m) 1517 -Optiview checked against yellow box handheld. Checked weekly with sampling. Found within specs, no issues found at this time.
4790784			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	10/1/25 12:00 AM	1/15/26 02:17 PM	1/15/26 02:17 PM	Critical Alarm Dialer Route (1m) - 1517 -Alarm dialer tested over the month with various alarms. All working OK.
4790791			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	10/1/25 12:00 AM	1/15/26 02:28 PM	1/15/26 02:28 PM	Health And Safety Inspection (1m) 1517 -Health and safety inspection completed, no issues found, focused this month on Floor cleanliness. All ok
4790802	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	10/1/25 12:00 AM	1/15/26 01:58 PM	1/15/26 01:58 PM	Valve Regulating Inspection (1m) 1517 -Visual inspection completed during daily rounds. Visually inspect valving for any deficiencies. No visual issues found at this time

Workorder Summary Report

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

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

Location: 1517*

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
4790807	0000328754	WELL PRODUCING #2	1517, Mattawa DWS	PM	Inspection	1	YEARS	Well Producing (1y / 10y) Inspection 1517	COMP	10/1/25 12:00 AM	1/15/26 02:53 PM	1/15/26 02:53 PM	Well Producing (1y / 10y) Inspection 1517 -Checked well head for issues, nothing found. adjusted packing on pump. All working OK
4791158			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	10/1/25 12:00 AM	1/15/26 02:59 PM	1/15/26 02:59 PM	Analyzer Chlorine Inspection/ Service (1m) 1517 -Chlorine analyzer checked weekly against handheld. found within specs.
4840191	0000349414	ANALYZER	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	3	MONTHS	UV Transmitter Optiview Calibration (3m) 1517	COMP	11/1/25 12:00 AM	1/15/26 03:00 PM	1/15/26 03:00 PM	UV Transmitter Optiview Calibration (3m) 1517 -Optiview checked against handheld, values fell within specs, nothing further at this time.
4840202	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	CLOSE	11/1/25 12:00 AM	10/31/25 02:58 PM	10/31/25 02:58 PM	Generator Monthly Test (1m) 1517 -WTP generator was serviced and ran by Vals generator on sept 16/25, all ok at this time
4840205			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	11/1/25 12:00 AM	1/15/26 02:44 PM	1/15/26 02:44 PM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV 1 reference check completed, uv passed within specs
4840208			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	11/1/25 12:00 AM	1/15/26 02:44 PM	1/15/26 02:44 PM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -UV 2 reference check completed. passed within specs JD
4840264	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	11/1/25 12:00 AM	1/15/26 01:53 PM	1/15/26 01:53 PM	UVT Analyzer calibration to yellow box (1m) 1517 -Optiview checked against yellow box handheld. Checked weekly with sampling. Found within specs, no issues found at this time.
4840285			1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	YEARS	HVAC, Fans, Dehumidifiers, Heaters ,Louvres (1y) 1517	COMP	11/1/25 12:00 AM	1/15/26 02:49 PM	1/15/26 02:49 PM	
4840298			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	11/1/25 12:00 AM	1/15/26 02:19 PM	1/15/26 02:19 PM	Critical Alarm Dialer Route (1m) - 1517 -Alarm dialer tested over the month with various alarms. All working OK.

Workorder Summary Report

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

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

Location: 1517*

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
4840305			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	11/1/25 12:00 AM	1/15/26 02:31 PM	1/15/26 02:31 PM	Health And Safety Inspection (1m) 1517 -Health and safety inspection completed, this month focused on winter prep at stations. All OK
4840316	0000328789	TANK STORAGE FUEL ELECTRIC GENERATOR	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Insp/ Service (1y) 1517	CLOSE	11/1/25 12:00 AM	10/31/25 03:19 PM	10/31/25 03:19 PM	Tank Storage Fuel Diesel Insp/ Service (1y) 1517 -Visual inspection of fueltank completed.All ok no signs of defects
4840324	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	CLOSE	11/1/25 12:00 AM	10/31/25 03:22 PM	10/31/25 03:22 PM	Valve Regulating Inspection (1m) 1517 -visual inspectionof all valves complete. no issues found at this time. checked for leaks, cracks and visual defects.
4840412			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	11/1/25 12:00 AM	1/15/26 02:59 PM	1/15/26 02:59 PM	Analyzer Chlorine Inspection/ Service (1m) 1517 -Chlorine analyzer checked weekly against handheld. found within specs.
4862538	0000328804	ANALYZER CHLORINE / PH AIT 102	1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (3m) 1517	COMP	11/13/25 12:00 AM	1/15/26 03:02 PM	1/15/26 03:02 PM	PH Analyzer Calibration (3m) 1517 -PH probe checked against standards, no issues found, all ok
4862541			1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (POE) (3m) 1517	COMP	11/13/25 12:00 AM	1/15/26 03:02 PM	1/15/26 03:02 PM	PH Analyzer Calibration (POE) (3m) 1517 -PH probe checked against standards, no issues found, all ok
4885391	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	12/1/25 12:00 AM	1/15/26 02:36 PM	1/15/26 02:36 PM	Generator Monthly Test (1m) 1517 -Monthly generator test completed. All Ok, checked oil levels and fluid levels. All ok
4885394			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	12/1/25 12:00 AM	12/31/25 01:49 PM	12/31/25 01:49 PM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV reference check completed, no issues at this time December 31/25
4885397			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	12/1/25 12:00 AM	12/31/25 01:47 PM	12/31/25 01:47 PM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -Completed Uv reference check. Passed no issues. December 31/25

Workorder Summary Report

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

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

Location: 1517*

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
4885453	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	12/1/25 12:00 AM	1/15/26 01:50 PM	1/15/26 01:50 PM	UVT Analyzer calibration to yellow box (1m) 1517 -Checked Optiview to yellow box during weekly sampling, all ok no issues found, found within specs
4885474			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	12/1/25 12:00 AM	1/15/26 02:21 PM	1/15/26 02:21 PM	Critical Alarm Dialer Route (1m) - 1517 -Alarm dialer tested over the month with various alarms. All working OK, no issues found
4885481	0000328755	PUMP CENT WELL #1	1517, Mattawa DWS	PM	Inspection	1	YEARS	Pump Cent Insp/Service (1y) - 1517	COMP	12/1/25 12:00 AM	1/15/26 02:48 PM	1/15/26 02:48 PM	Pump Cent Insp/Service (1y) - 1517 -Checked pump for any audible, visual, heat, or vibration issues. NO issues found at this time
4885489	0000328756	PUMP CENT WELL #2	1517, Mattawa DWS	PM	Inspection	1	YEARS	Pump Cent Insp/Service (1y) - 1517	COMP	12/1/25 12:00 AM	1/15/26 02:48 PM	1/15/26 02:48 PM	Pump Cent Insp/Service (1y) - 1517 -Checked pump for any audible, visual, heat, or vibration issues. NO issues found at this time
4885497			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	12/1/25 12:00 AM	1/15/26 02:33 PM	1/15/26 02:33 PM	Health And Safety Inspection (1m) 1517 -Health and safety inspection completed. Focused this month on First aid kit stocking and readiness. All ok, no issues found
4885508	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	12/1/25 12:00 AM	1/15/26 01:58 PM	1/15/26 01:58 PM	Valve Regulating Inspection (1m) 1517 -Visual inspection completed during daily rounds. Visually inspect valving for any deficiencies. No visual issues found at this time
4885594			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	12/1/25 12:00 AM	1/15/26 03:01 PM	1/15/26 03:01 PM	Analyzer Chlorine Inspection/ Service (1m) 1517 -Chlorine analyer checked for flow, adjusted as needed. checked analyzer against handheld- all ok



Appendix B - Work Order Summary for WWTL

Workorder Summary Report

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

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

Location: 1541*

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
4790527	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Fall (6m) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:51 PM	1/15/26 02:51 PM	
4790541	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Spring (6m) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:52 PM	1/15/26 02:52 PM	
4790816	0000328878	BLOWER CENTRIFUGAL B01 AERATION	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Blower Centrifugal Inspection/ Service (1y) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:55 PM	1/15/26 02:55 PM	Blower Centrifugal Inspection/ Service (1y) 1541 -
4790829	0000328879	BLOWER CENTRIFUGAL B02 AERATION	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Blower Centrifugal Inspection/ Service (1y) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:56 PM	1/15/26 02:56 PM	Blower Centrifugal Inspection/ Service (1y) 1541 - Checked blower; oil- all ok checked belt tension- OK checked belts for missing pieces- all ok
4790842			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	HVAC, Fans, Dehumidifiers, Heaters ,Louvres Route (1y) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:15 PM	1/15/26 02:15 PM	HVAC, Fans, Dehumidifiers, Heaters ,Louvres Route (1y) 1541 - Visual inspection of heaters, louvers, and hvac systems. Visually all ok. Tested operation. All operating as they should, with exception of WTP heater near P1, needs replacement.
4790864			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	10/1/25 12:00 AM	1/15/26 02:18 PM	1/15/26 02:18 PM	Alarm Dialer Route (1m) - 1541 -Alarm dialer tested over the month with various alarms. All working OK.
4790871			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:30 PM	1/15/26 02:30 PM	Health And Safety Inspection (1m) 1541 -Health and safety inspection completed, no issues found, focused this month on Floor cleanliness. All ok
4793779			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	10/1/25 12:00 AM	1/15/26 02:42 PM	1/15/26 02:42 PM	Pump Submersible Group Inspection (1m) 1541 -On thursday oct 17, cleaned, and checked all wetwells, pumps, and needed to pull pump #2 @ 601 mckenzie, all else ok

Workorder Summary Report

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

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

Location: 1541*

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
4815404			1541, Mattawa Wastewater System	CAP	Refurbish/ Replace/Repair	0		300 Mattawan Station: New Pump Control Panel Installation	COMP		12/2/25 10:15 AM	12/2/25 10:15 AM	New Pump Control Panel Installation -Rochefort to install new Flygt pump control panel at 300 Mattawan.
4817171	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	10/16/25 12:00 AM	1/15/26 02:25 PM	1/15/26 02:25 PM	Tank Alum Inspection (1m) - 1541 -Alum tank inspection completed during rounds on a weekly basis. No leaks, cracks, or deficiencies found at this time
4818105			1541, Mattawa Wastewater System	CAP	Refurbish/ Replace/Repair	0		300 Mattawan Station: New 10 HP Submersible Pump	COMP		12/31/25 04:23 PM	12/31/25 04:23 PM	Pump Details - 1 FLYGT MODEL NP-3127 SUBMERSIBLE PUMP 10HP/ 7.5KW 600VOLT 3PHASE 60HZ 4POLE MT IMPELLER CODE 438, VOLUTE 4" 16M 4G2.5+2X1.5 FLS, FLUSH VALVE READY ADAPTIVE N, HARD IRON IMPELLER
4840335			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	11/1/25 12:00 AM	1/15/26 02:20 PM	1/15/26 02:20 PM	Alarm Dialer Route (1m) - 1541 -Alarm dialer tested over the month with various alarms. All working OK.
4840342			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	11/1/25 12:00 AM	1/15/26 02:32 PM	1/15/26 02:32 PM	Health And Safety Inspection (1m) 1541 -Health and safety inspection completed, this month focused on winter prep at stations. All OK
4843390			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	11/1/25 12:00 AM	1/15/26 02:42 PM	1/15/26 02:42 PM	Pump Submersible Group Inspection (1m) 1541 -Test pumps on weekly basis. Auto-hand if not running. Listen for audible and visual issues, none found at this time.

Workorder Summary Report

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

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

Location: 1541*

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
4861169			1541, Mattawa Wastewater System	CORR	Refurbish/ Replace/Repair	0		300 Mattawan Pump Rebuild Assessment	COMP		11/5/25 08:32 AM	11/5/25 08:32 AM	Mattawan Pump Assessment - Mattawan Pump Assessment Submersible Pump: Flygt 7.5KW/ 10HP, 1735RPM, 600V, 60HZ, 3PH, Imp 433, Model 3127.180.6136, Serial# 13-9230776 Labour to dismantle, sandblast, clean, check all bearing fits, test stator windings, inspect all
4862835			1541, Mattawa Wastewater System	CORR	Refurbish/ Replace/Repair	0		Mattawa Lagoon Building Office Heater Repair	COMP		11/21/25 03:07 PM	11/21/25 03:07 PM	Lagoon Building Office Heater Repair -Purchase replacement fan from Dixon Electric to repair the lagoon building office heater.
4862884	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	11/16/25 12:00 AM	1/15/26 02:25 PM	1/15/26 02:25 PM	Tank Alum Inspection (1m) - 1541 -Alum tank inspection completed during rounds on a weekly basis. No leaks, cracks, or deficiencies found at this time
4864957	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	11/30/25 12:00 AM	1/15/26 02:39 PM	1/15/26 02:39 PM	Generator Monthly Test (1m) 1541 -Monthly generator test- OK. operation swtich- all oK
4864960	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	11/30/25 12:00 AM	1/15/26 02:38 PM	1/15/26 02:38 PM	Generator Monthly Test (1m) 1541 -Generator test completed, check all fluids and battery levels. All ok
4864963	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	11/30/25 12:00 AM	1/15/26 02:37 PM	1/15/26 02:37 PM	Generator Monthly Test (1m) 1541 -Monthly generator test completed. All Ok, checked oil levels and fluid levels. All ok
4864971			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1541	COMP	11/30/25 12:00 AM	1/15/26 02:40 PM	1/15/26 02:40 PM	
4885513	0000328859	ANALYZER GAS BUMP TEST	1541, Mattawa Wastewater System	PM	Calibration	6	MONTHS	Analyzer Gas C02 (6m) 1541	COMP	12/1/25 12:00 AM	1/15/26 01:55 PM	1/15/26 01:55 PM	
4885524			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	12/1/25 12:00 AM	1/15/26 02:21 PM	1/15/26 02:21 PM	Alarm Dialer Route (1m) - 1541 -Alarm dialer tested over the month with various alarms. All working OK, no issues found

Workorder Summary Report

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

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

Location: 1541*

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
4885531			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	12/1/25 12:00 AM	1/15/26 02:34 PM	1/15/26 02:34 PM	Health And Safety Inspection (1m) 1541 -Health and safety inspection completed. Focused this month on First aid kit stocking and readiness. All ok, no issues found
4885553	0000328828	UPS BATTERY BACKUP 451 BISSETT ST.	1541, Mattawa Wastewater System	PM	Inspection	1	YEARS	Ups Battery Bank Insp/Service (1y) 1541	COMP	12/1/25 12:00 AM	1/15/26 02:57 PM	1/15/26 02:57 PM	Ups Battery Bank Insp/Service (1y) 1541 -Battery backups; currently working as they should, no issues or alarms found
4888584			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	12/1/25 12:00 AM	1/15/26 02:41 PM	1/15/26 02:41 PM	Pump Submersible Group Inspection (1m) 1541 -Test pumps on weekly basis. Auto-hand if not running. Listen for audible and visual issues, none found at this time.
4908805	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	12/16/25 12:00 AM	1/15/26 02:23 PM	1/15/26 02:23 PM	Tank Alum Inspection (1m) - 1541 -Alum tank visual inspection during rounds, on a weekly basis. No issues found with the alum tank. No cracks, breaks or leaks found.



Appendix C – Call-out Report for WTP

Workorder Summary Report

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

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

Location: 1517*

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
4815596			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		communication loss to reservoir	CLOSE		10/5/25 08:45 PM	10/5/25 11:00 PM	communication loss to reservoir -Received call for lost comms. Arrived on site and reset modems. Accurate level readings returned
4815603			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		communication loss to reservoir	CLOSE		10/2/25 12:45 AM	10/2/25 03:15 AM	communication loss to reservoir -Received call for lost comms. Arrived on site and reset modems. Accurate level readings returned
4815605			1517, Mattawa DWS	CALL	Inspection	0		UV failure	CLOSE		10/3/25 12:15 AM	10/3/25 12:45 AM	UV failure -UV fail alarm. Reset both UV's and started plant. UV1 attempted to start but valve failed. Switched duty to UV2, plant started fine.
4815652			1517, Mattawa DWS	CALL	SCADA	0		SCADA	CLOSE		9/27/25 11:45 AM	10/7/25 11:21 AM	Comm Loss 1517 -
4817999			1517, Mattawa DWS	CALL	Compliance	0		400 Bissett Power Bump.	CLOSE		10/19/25 08:55 AM	10/19/25 09:15 AM	400 Bissett power bump. - October 19th 2025 The town of Mattawa's power flickered off and back on. Got called for Intrusion at 400 Bissett WTP. Went and checked everything out, WTP was just starting and everything looked good. Also checked out all the main lift stations to make sure pumps were running and generators were off. Kyle Michaud

Workorder Summary Report

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

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

Location: 1517*

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
4818004			1517, Mattawa DWS	CALL	Compliance	0		400 bissett communication Fail	COMP		10/20/25 03:25 AM	10/20/25 03:45 AM	400 bissett communication Fail - October 20th 2025 Called in for PLC fail and reservoir communication, Arrived on site and reset internet modem a couple times and the communication restored itself. Kyle Michaud
4819444			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		communication loss to reservoir	COMP		10/25/25 10:00 AM	10/25/25 06:15 PM	communication loss to reservoir -Comm loss alarm. Switched duty to pump2 and let run. Comms still out after 6 hours, switched back to pump1 and arrived on site to reset modems. Level restored
4863438			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		communication loss to reservoir	COMP		11/13/25 04:30 PM	11/13/25 09:30 PM	communication loss to reservoir -Comm loss alarm at 16:30. Pump 2 turned on. Site visit at 2035 to reset modem and turned pump 1 back to lead
4908228			1517, Mattawa DWS	CALL	Compliance	0		400 bissett communication Fail	COMP		12/10/25 10:55 PM	12/10/25 11:10 PM	400 bissett communication Fail - December 10th 2025 Called in for PLC fail and communication to reservoir. arrived on site and Reservoir was at 3.01m. Reset modem and communication came back, Reservoir was actually at 3.19m and the WTP shutdown as it should. No other issues at the time. Kyle Michaud
4909342			1517, Mattawa DWS	CALL	SCADA	0		SCADA	COMP		12/17/25 09:39 PM	12/19/25 09:38 AM	Comm loss-1517 - Onsite for Comms loss alar



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix D - Call-out Report for WWTL

Workorder Summary Report

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

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

Location: 1541*

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
4817428			1541, Mattawa Wastewater System	EMER	Refurbish/ Replace/Repair	0		McKenzie Station Generator Repairs	COMP		12/10/25 08:49 AM	12/10/25 08:49 AM	Generator Repairs -New Battery, Battery Charger, Starter Solenoid, Fuel Rail solenoid Controller is Obsolete -Val's will search for a compatible replacement controller. Old controller is obsolete and the generator wont start. Emergency generator is wired up in its place.
4817997			1541, Mattawa Wastewater System	CALL	Compliance	0		300 Mattawan high level	CLOSE		10/18/25 08:20 PM	10/18/25 08:40 PM	300 Mattawan high level - October 18th 2025 20:20 called in for high level for 300 Mattawan lift station, arrived on site and pump was working as it should, must of been a surge of flow due to heavy rainfall. Watched a few pump cycles to make sure everything was running as it should. Kyle Michaud

Workorder Summary Report

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

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

Location: 1541*

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
4841854			1541, Mattawa Wastewater System	EMER	Refurbish/ Replace/Repair	0		Generator Failure at 601 Mckenzie	COMP		10/17/25 01:00 PM	10/31/25 07:25 AM	Generator Failure at 601 Mckenzie -Matt from vals onsite for generator maintenance. Disconnected the battery due to it needing replacement. Once reconnected and maintenance comnplete, matt attempted to start the generator, the generator did not start. Called gary down to assess and identify the issue. The issue was thought to be a starter coil issue. will be back tomorrow with parts. Generator Failure at 601 Mckenzie -On friday oct 18/25 gary was on site to make repairs to generator. Once new parts were installed the generator was still not running. diagnosed more and found the speed controller is not working as it should. parts to repair and replace are unknown due to the age of the generator panel. We installed the portable generator from the town to take the place of the standby at 601 mckenzie. All is working properly with power outage on the temp generator
4862426			1541, Mattawa Wastewater System	CALL	Compliance	0		451 bissett pump 1 fail	COMP		11/4/25 12:25 AM	11/4/25 12:35 AM	451 bissett pump 1 fail - November 4th 2025 Called In for 451 Bissett lift station pump 1 fail. arrived on site and pump2 was running and pump 1 was needed to be reset. reset both alarms on pump 1 and it went back in service. Kyle Michaud

Workorder Summary Report

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

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

Location: 1541*

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
4862660			Mattawa WWT	EMER	Refurbish/ Replace/Repair	0		Mattawa 601 McKenzie Station: Flygt 3.9HP Rebuild	COMP		12/16/25 12:52 PM	12/16/25 12:52 PM	Pump Info and Rebuild Details - Mattawa - 601 McKenzie Station Submersible Pump: Flygt 3.9HP/ 2.9KW, 1755RPM, 230 Volts, 16A, 60HZ, 1PH, Imp 434, Model 3102.181-0688, Serial# 3102.181-0530550. Labour to dismantle, clean, check all bearing fits, test stator windings, inspect all parts, access damage and prepare estimate of repair. Assemble unit with new parts listed & perform no load full voltage test run. Dynamic Balance Rotor & Impeller 601 89 06 Basic Repair Kit
4863433			1541, Mattawa Wastewater System	CALL	Inspection	0		McKenzie station comm loss	COMP		11/12/25 01:45 AM	11/12/25 04:00 AM	McKenzie station comm loss -Received alarm for alarm signal loss to McKenzie station. Arrived on site, power on and station was recently pumped down. Verified pump working and placed back into AUTO
4863439			1541, Mattawa Wastewater System	CALL	Inspection	0		451 Bissett pump 1 failure	COMP		11/15/25 07:30 PM	11/15/25 09:45 PM	451 Bissett pump 1 failure -Alarm for pump 1 failure. Arrived on site, pump tripped. Reset breaker and ran pump, vibration noticed while running but was pumping down. Ran other pump and ran silently while pumping down.
4907804			1541, Mattawa Wastewater System	CALL	Inspection	0		451 Bissett pump fail	COMP		12/7/25 04:15 AM	12/7/25 06:15 AM	451 Bissett pump fail -Pump 2 contactor auxiliary alarm. Reset alarm and ran both pumps and found running fine



Appendix E - Performance Assessment Report Water

Water Performance Assessment Report

From :10/1/2025 to 12/31/2025

02/12/2026

Page 1 of 1

1517 MATTAWA DRINKING WATER SYSTEM 210001905

	10 / 2025	11/ 2025	12/ 2025	<--Total-->	<--Avg-->	<--Max-->	<--Min-->
Flows							
Raw Flow: Monthly Total - RW1 - Well #1 (m³)	46,935.42	47,537.57	49,063.56	143,536.55			
Raw Flow: Monthly Total - RW2 - Well #2 (m³)	671.91	856.07	2,171.11	3,699.08			
Raw Flow: Monthly Avg - RW1 - Well #1 (m³)	1,514.05	1,584.59	1,582.70		1,560.44		
Raw Flow: Monthly Avg - RW2 - Well #2 (m³)	21.67	28.54	70.04		40.08		
Raw Flow: Monthly Max - RW1 - Well #1 (m³)	1,830.16	4,052.58	1,971.78			4,052.581	
Raw Flow: Monthly Max - RW2 - Well #2 (m³)	328.03	487.42	392.80			487.424	
Raw Flow: Monthly Total - RWT - Raw Water - Total (m³)	47,607.33	48,393.64	51,234.67	147,235.63			
Raw Flow: Monthly Avg - RWT - Raw Water - Total (m³)	1,535.72	1,613.12	1,652.73		1,600.52		
Raw Flow: Monthly Max - RWT - Raw Water - Total (m³)	1,835.79	4,052.58	1,971.78			4,052.581	
Turbidity							
Raw: Max Turbidity - RW1 - Well #1 (NTU)	0.300	0.280	0.300			0.300	
Raw: Max Turbidity - RW2 - Well #2 (NTU)	0.300	0.290	0.300			0.300	
Chemical Parameters							
Treated: Max Nitrite - TW - TW (mg/L)	< 0.003				<	< 0.003	<
Treated: Max Nitrate - TW - TW (mg/L)	1.650					1.650	
Distribution: Max THM - DW - DW (µg/l)	6.700					6.700	
Distribution: Max HAA - DW - DW (µg/l)	< 5.300				<	< 5.300	<
Chlorine Residuals							
Treated: Min Free Cl2 Resid - TW - TW (mg/L)	0.200	0.325	0.093				0.093
Treated: Max Free Cl2 Resid - TW - TW (mg/L)	1.930	2.806	3.992			3.992	
Dist: Min Free Cl2 Resid - DW - DW (mg/L)	0.475	0.426	0.152				0.152
Dist: Max Free Cl2 Resid - DW - DW (mg/L)	2.213	1.997	2.735			2.735	
Bacti Samples Collected							
Raw Bacti: # of samples - RW1 - Well #1	5	4	5	14			
Raw Bacti: # of samples - RW2 - Well #2	5	4	5	14			
Treated Bacti: # of samples - TW - TW	5	4	5	14			
Dist Bacti: # of samples - DW - DW	15	12	15	42			
Dist HPC: # of samples - DW - DW	5	4	5	14			
Treated Bacti: # of TC exceedances - TW - TW	0	0	0	0			
Treated Bacti: # of EC exceedances - TW - TW	0	0	0	0			
Dist Bacti: # of TC exceedances - DW - DW	0	0	0	0			
Dist Bacti: # of EC exceedances - DW - DW	0	0	0	0			



Appendix F - Performance Assessment Report Wastewater

Performance Assessment Report

From 10/1/2025 to 12/31/2025

01/13/2026

Page 1 of 1

1541 MATTAWA WASTEWATER TREATMENT FACILITY 110000436

	10 / 2025	11/ 2025	12/ 2025	<--Total-->	<--Avg-->	<--Max-->
Flows						
Raw Flow: Total - Raw m³/d	16,544.92	11,949.76	16,953.21	45,447.90		
Raw Flow: Avg - Raw m³/d	533.71	398.33	546.88		494.00	
Raw Flow: Max - Raw m³/d	600.82	624.90	628.30			628.30
Raw Flow: Count - Raw m³/d	31.00	30.00	31.00	92.00		
Eff. Flow: Total - Eff m³/d	16,544.92	11,949.76	16,953.21	45,447.90		
Eff. Flow: Avg - Eff m³/d	533.71	398.33	546.88		494.00	
Eff. Flow: Max - Eff m³/d	600.82	624.90	628.30			628.30
Eff Flow: Count - Eff m³/d	31.00	30.00	31.00	92.00		
Carbonaceous Biochemical Oxygen Demand: CBOD						
Eff: Avg cBOD5 - Eff mg/L	0.00	3.00	7.00		4.33	7.00
Eff: # of samples of cBOD5 - Eff	0.00	2.00	1.00	3.00		
Loading: cBOD5 - Eff kg/d	0.000	1.195	3.828		2.14	3.83
Biochemical Oxygen Demand: BOD5						
Raw: Avg BOD5 - Raw mg/L	0.00	118.50	165.00		134.00	165.00
Raw: # of samples of BOD5 - Raw	0.00	2.00	1.00	3.00		
Eff: Avg BOD5 - Eff mg/L	0.00	4.50	8.00		5.67	8.00
Eff: # of samples of BOD5 - Eff	0.00	2.00	1.00	3.00		
Loading: BOD5 - Eff kg/d	0.000	1.792	4.375		2.80	4.38
Percent Removal: BOD5 - Raw %	0.00	0.00	0.00		0.00	
Total Suspended Solids: TSS						
Raw: Avg TSS - Raw mg/L	0.00	97.50	147.00		114.00	147.00
Raw: # of samples of TSS - Raw	0.00	2.00	1.00	3.00		
Eff: Avg TSS - Eff mg/L	0.00	8.35	14.90		10.53	14.90
Eff: # of samples of TSS - Eff	0.00	2.00	1.00	3.00		
Loading: TSS - Eff kg/d	0.000	3.326	8.148		5.20	8.15
Percent Removal: TSS - Raw %	0.00	0.00	0.00		0.00	
Total Phosphorus: TP						
Raw: Avg TP - Raw mg/L	0.00	2.97	3.93		3.29	3.93
Raw: # of samples of TP - Raw	0.00	2.00	1.00	3.00		
Eff: Avg TP - Eff mg/L	0.50	0.84	0.96		0.80	0.96
Eff: # of samples of TP - Eff	3.00	5.00	5.00	13.00		
Loading: TP - Eff kg/d	0.265	0.334	0.523		0.40	0.52
Percent Removal: TP - Raw %	0.00	0.00	0.00		0.00	
Nitrogen Series						
Eff: Avg TAN - Eff mg/L	5.90	9.63	15.28		10.94	15.28
Eff: Avg NO3-N - Eff mg/L	0.00	0.30	0.22		0.26	0.30
Eff: # of samples of NO3-N - Eff	0.00	2.00	1.00	3.00		
Eff: Avg NO2-N - Eff mg/L	0.00	0.04	0.03		0.04	0.04
Eff: # of samples of NO2-N - Eff	0.00	2.00	1.00	3.00		