

SYSTEM OVERVIEW

April 1st to June 30th , 2025

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the second quarter.
- Repaired several watermain leaks and repairs
- Transient rash of nuisance alarms caused by internet service communication loos between plant and reservoir. Self resolved.

Wastewater Treatment

- The wastewater treatment system performed well during the second quarter.
- Some wastewater pumps clogged and were pulled out to be cleared of debris. Stations without back up generators were pumped down with hydrovac trucks.
- 300 Mattawan St. sewage pump control panel failed. One pump operating in hand.

CAPITAL PLAN PROGRESS

Drinking Water System

- *Generator automatic transfer switch shorted out as a result of previous plumbing leak. ATS controller blew. Technicians spliced wiring harness and replaced the controller.*
- *Leak detection using the correlator pinpointed a leak on Bissett St. Once repaired, water loss dropped significantly.*
- *Ordered critical spare well pump motors for both wells.*

Wastewater Treatment

- 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 second quarter of 2025 and all results fell within regulatory limits.
- Winter term lead, pH and alkalinity sampling completed April 15, 2025.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed April 29, 2025.
- Off-site external S2 audit completed June 6, 2025, there were six (6) OFIs identified.
- Onsite internal audit completed on June 5, 2025, there were eight (8) identified
- Submitted Municipal Drinking Water License Renewal on June 3, 2025
- No Ministry of the Environment, Conservation and Parks (MECP) or Ministry of Labour (MOL) inspections conducted this quarter.
- All required sewage samples required under the system's ECA collected and tested in the second quarter of 2025 with one exception.
- Flow meter verification completed.

INCIDENTS AND COMPLAINTS

Mattawa Drinking Water System

Incident	N/A
Date	
Details	

Mattawa Wastewater System

Incident	N/A
Date	
Details	

HEALTH AND SAFETY

- Staff training completed on Contractor Safety.
- Staff training completed on Safety Data Sheet Review.
- Staff training completed on Facility Annual Grating Inspections



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



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix A - Work Order Summary for WTP

Workorder Summary Report

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

Report End Date: Jun 30, 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
4454264	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:36 AM	8/13/25 08:36 AM	Generator Monthly Test (1m) 1517 -Generator is running as it should, no issues at this time
4454267			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:37 AM	8/13/25 08:37 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV 1 reference check completed, passed.
4454270			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:38 AM	8/13/25 08:38 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -UV 2 reference sensor checks complete, passed, all ok
4454331			1517, Mattawa DWS	PM	Inspection	3	MONTHS	Replace UV Air Filters 1517	COMP	4/1/25 12:00 AM	8/13/25 08:39 AM	8/13/25 08:39 AM	Replace UV Air Filters 1517 -Changed air filters in both units, moved the cleaner filter over and replaced with new.
4454339	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:40 AM	8/13/25 08:40 AM	UVT Analyzer calibration to yellow box (1m) 1517 -Checked optiview against yellow box. 04-02- 99.8%/100%
4454360			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	4/1/25 12:00 AM	8/13/25 08:41 AM	8/13/25 08:41 AM	Critical Alarm Dialer Route (1m) - 1517 -Dialer checked multiple times this month with alarms that occurred, all ok
4454367			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:41 AM	8/13/25 08:41 AM	Health And Safety Inspection (1m) 1517 -Health and safety inspeciton completed, checked fire extinguishers and first aid kits. all ok
4454378	0000328800	TANK STORAGE SODIUM HYPO	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Holding Sodium Hypo Inspection/Maintenance (1y) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:42 AM	8/13/25 08:42 AM	Tank Holding Sodium Hypo Inspection/Maintenance (1y) 1517 -Chlorine tank inspected before each top of of chemical. Checked for cracks, leaks, or hazards, nothing found at this time
4454382	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	4/1/25 12:00 AM	8/13/25 08:43 AM	8/13/25 08:43 AM	Valve Regulating Inspection (1m) 1517 -Visual inspection completed of all valves, no issues found at this time

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4454583			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	CLOSE	4/1/25 12:00 AM	4/25/25 01:15 PM	4/25/25 01:15 PM	Analyzer Chlorine Inspection/ Service (1m) 1517 - Completed with analyzer cleaning, all OK
4484414	0000328818	METER FLOW FIT 101	1517, Mattawa DWS	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1517	COMP	4/2/25 12:00 AM	8/13/25 08:53 AM	8/13/25 08:53 AM	Meter Flow Calibration (1y) 1517 -Flow meter verification completed, meter was within specs. nothing further required at this time.
4484420	0000328820	METER FLOW	1517, Mattawa DWS	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1517	COMP	4/2/25 12:00 AM	8/13/25 08:53 AM	8/13/25 08:53 AM	Meter Flow Calibration (1y) 1517 -Flow meter verification completed, meter was within specs. nothing further required at this time.
4487279			1517, Mattawa DWS	CAP	Refurbish/ Replace/Repair	0		Leak detection Lake-Henry- Bissette	CLOSE		4/14/25 10:47 AM	4/14/25 10:47 AM	Leak detection Lake-Henry- Bissette - leak detect using correlator on bissette, lake and henry st. used correlator 1 hr on lake 2 hrs on Henry and 1 hr on Bissette st. TF april 11/24
4487441	0000328804	ANALYZER CHLORINE / PH AIT 102	1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (3m) 1517	COMP	4/15/25 12:00 AM	8/13/25 08:55 AM	8/13/25 08:55 AM	PH Analyzer Calibration (3m) 1517 -PH calibration completed, with respective standards. all ok
4487444			1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (POE) (3m) 1517	COMP	4/15/25 12:00 AM	8/13/25 08:56 AM	8/13/25 08:56 AM	PH Analyzer Calibration (POE) (3m) 1517 -POE PH calibration completed, all ok.
4513875	0000349414	ANALYZER	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	3	MONTHS	UV Transmitter Optiview Calibration (3m) 1517	COMP	5/1/25 12:00 AM	8/13/25 08:57 AM	8/13/25 08:57 AM	UV Transmitter Optiview Calibration (3m) 1517 -Optiview checked against yellowbox 05/07- 99%-99.9%. all ok within specs
4513886	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	5/1/25 12:00 AM	8/13/25 08:58 AM	8/13/25 08:58 AM	Generator Monthly Test (1m) 1517 -Generator ran under power outage conditions, all ok at this time, no issues had.
4513889			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:06 AM	8/13/25 09:06 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV 1 reference check completed, no issues found, UV passed

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4513892			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:08 AM	8/13/25 09:08 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -UV 2 reference check completed, visual inspection comepleted, no issues found at this time. UV passed checks
4513932	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:15 AM	8/13/25 09:15 AM	UVT Analyzer calibration to yellow box (1m) 1517 -optiview compared to yellow box. all ok no issues at this time
4513953			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	5/1/25 12:00 AM	8/13/25 09:15 AM	8/13/25 09:15 AM	Critical Alarm Dialer Route (1m) - 1517 -Critical set points dialer checked multiple times this month with alarms. all ok. no issues at this time
4513960			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:17 AM	8/13/25 09:17 AM	Health And Safety Inspection (1m) 1517 -Visually inspected areas for standing water nothing found. no issues at this time
4513971	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:18 AM	8/13/25 09:18 AM	Valve Regulating Inspection (1m) 1517 -Visually inspected valves for cracks, leaks and defects. nothing found at this time. all ok
4513976	0000328753	WELL PRODUCING #1	1517, Mattawa DWS	PM	Inspection	1	YEARS	Well Producing (1y / 10y) Inspection 1517	COMP	5/1/25 12:00 AM	8/13/25 09:20 AM	8/13/25 09:20 AM	Well Producing (1y / 10y) Inspection 1517 -Visually inspected well 1 and 2. well 2 all ok. well 1 all ok, could use some parging repairs on top of mounting block. but is only for visual appearamce
4514121			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	5/1/25 12:00 AM	8/13/25 09:21 AM	8/13/25 09:21 AM	Analyzer Chlorine Inspection/ Service (1m) 1517 -Chlorine analyzer checked against handheld, all ok within specs

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4520831			1517, Mattawa DWS	CAP	Refurbish/ Replace/Repair	0		Mattawa UV Replacement Parts	CLOSE		5/14/25 11:11 AM	5/14/25 11:11 AM	Mattawa UV Replacement Parts - LAMP P, PKG KIT 30CM UVSWIFT12 CLEANER, ACTICLEAN GEL 1L LAMP N, TUV-PL-S-5 CWUVT REPL PARTS KIT, UVS12GEN2 WC
4532626			1517, Mattawa DWS	OPER	Inspection	1	YEARS	Grating Insp (1y) - 1517, Mattawa DWS	COMP	5/1/25 12:00 AM	8/13/25 09:23 AM	8/13/25 09:23 AM	Grating Insp (1y) - 1517, Mattawa DWS -There is no grating at the WTP, nothing further required
4552762			1517, Mattawa DWS	CORR	Refurbish/ Replace/Repair	0		Generator ATS Repair	CLOSE		5/9/25 09:13 AM	5/9/25 09:13 AM	ATS Repair - Technicians replaced a wiring harness that shorted and damaged the controller. The controller was also replaced.
4581841	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:00 AM	8/13/25 09:00 AM	Generator Monthly Test (1m) 1517 -Generator ran under power outage conditions, all ok at this time, no issues had.
4581844			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:08 AM	8/13/25 09:08 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -UV 1 reference check completed, no issues found. passed checks
4581847			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:09 AM	8/13/25 09:09 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -UV 2 reference check completed, no issues found. Passed referecne checks
4581909	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:27 AM	8/13/25 09:27 AM	UVT Analyzer calibration to yellow box (1m) 1517 - optiview compared to yellow box all ok passed 06/04- 98.9%/99.1%
4581930			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	6/1/25 12:00 AM	8/13/25 09:27 AM	8/13/25 09:27 AM	

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Work Order Class:

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4581937			1517, Mattawa DWS	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:28 AM	8/13/25 09:28 AM	Health And Safety Inspection (1m) 1517 -Health and safety inspection completed, no issues found at this time
4581948	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:29 AM	8/13/25 09:29 AM	Valve Regulating Inspection (1m) 1517 -Visual inspection of valves completed, operated valves by hand. no issues found all operated as they shuyold
4582067			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	6/1/25 12:00 AM	8/13/25 09:25 AM	8/13/25 09:25 AM	Analyzer Chlorine Inspection/ Service (1m) 1517 -Analyzer compared to handheld, all ok within specs. nothing further at this time
4609111			1517, Mattawa DWS	CAP	Refurbish/ Replace/Repair	0		Mattawa Leak Detection: Bisette, Henry and Ottawa St	COMP		6/26/25 10:47 AM	6/26/25 10:47 AM	Leak detect Bisette, Henry and Ottawa st Mattawa 1517 -Found leak on Bisette st. 90' west of valve on tenth st. Correlate henry st from hwy to lily. can hear leak noise on headphones but not showing up on correlater. says too close to one sensor. moved sensors to hydrants on hwy either side of Henry. no audio noise correlater not picking up leak. widened search from hyd on hwy to valve on lily. results unsatisfactory. Possibly too much traffic/transport affecting equipment. suggest performing correlation after hours when traffic is at a minimum. Correlate Ottawa st from champlain to lions den. can hear noise on hydrant but showing no results on Correlator. suggest isolating hydrant to see if noise stops. Checked water coming from reservoir- chlorinated. checked hydrant on Mill st- quite. TF June 24/25

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4609135			1517, Mattawa DWS	CAP	Refurbish/ Replace/Repair	0		Mattawa Spare 40HP and 100HP Well Pump Motors	COMP		7/21/25 02:54 PM	7/21/25 02:54 PM	Order Critical Spare Well Pump Motors -There are currently no spare motors to swap in case of failure. Order one 100 HP motor for Well #1 and one 40 HP motor for Well #2. Order Details - Nidec US Motors # HO100V2GLG Electric Motor Model# HF46 100HP, 1785RPM, 575V, 90A, 60HZ, 3PH, Frame 404TP, WP1 Nidec US Motors # HO40V2GLG Electric Motor Model# HH01 40HP, 1785RPM, 575V, 39A, 60HZ, 3PH, Frame 324TP, WP1.



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MATTAWA WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix B - Work Order Summary for WWTL

Workorder Summary Report

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

Report End Date: Jun 30, 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
4454396			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	4/1/25 12:00 AM	8/13/25 08:44 AM	8/13/25 08:44 AM	Alarm Dialer Route (1m) - 1541 -Alarm dialer visual inspection done. No issues found, dialer works as it should
4454403			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	4/1/25 12:00 AM	8/13/25 08:46 AM	8/13/25 08:46 AM	Health And Safety Inspection (1m) 1541 -Inspection of all wastewater buildings completed, no issues found at this time
4454417	0000328876	TANK STORAGE FUEL LAGOON	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541	COMP	4/1/25 12:00 AM	8/13/25 08:50 AM	8/13/25 08:50 AM	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541 -Visual inspection of diesel tank completed monthly during genset test. Checked tank for leaks, cracks, defects, nothing at this time, all ok
4454425	0000328903	TANK STORAGE FUEL LAGOON	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541	COMP	4/1/25 12:00 AM	8/13/25 08:50 AM	8/13/25 08:50 AM	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541 -Visual inspection of diesel tank completed monthly during genset test. Checked tank for leaks, cracks, defects, nothing at this time, all ok
4454433	0000328838	TANK STORAGE FUEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Mckenzie St. Insp/Service (1y) 1541	COMP	4/1/25 12:00 AM	8/13/25 08:52 AM	8/13/25 08:52 AM	Tank Storage Fuel Diesel Mckenzie St. Insp/Service (1y) 1541 -Visual inspection of diesel tank completed monthly during genset test. Checked tank for leaks, cracks, defects, nothing at this time, all ok
4458600			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	4/1/25 12:00 AM	4/25/25 01:20 PM	4/25/25 01:20 PM	Pump Submersible Group Inspection (1m) 1541 - Completed inspection of all pumps, checked all station pumps in maunal, allowed to run up, no visual or audible defects at this time.
4484426	0000328855	METER FLOW	1541, Mattawa Wastewater System	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1541	CLOSE	4/2/25 12:00 AM	4/8/25 07:25 AM	4/8/25 07:25 AM	Meter Flow Calibration (1y) 1541 - verify flow meter to 100%. TF april 1/25
4487759	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	4/16/25 12:00 AM	4/25/25 01:18 PM	4/25/25 01:18 PM	Tank Alum Inspection (1m) - 1541 -Completed monthly visual inspection of Alum tank, no defects or leaks found

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4513991			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:16 AM	8/13/25 09:16 AM	Alarm Dialer Route (1m) - 1541 -Alarm dialer visually inspected. no issues found. operates as it should
4513998			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	5/1/25 12:00 AM	8/13/25 09:21 AM	8/13/25 09:21 AM	Health And Safety Inspection (1m) 1541 -Checked all walkways and areas around buildings for standing water. nothing found at this time. all ok
4514009	0000328912	TANK PROCESS WET WELL 300 MATTAWAN ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 300 Mattawan St. Insp/Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:02 AM	8/13/25 09:02 AM	Tank Wet well 300 Mattawan St. Insp/Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok
4514018	0000328922	TANK PROCESS WET WELL 101 BISSETT ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 101 Bissett St. Insp/ Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:03 AM	8/13/25 09:03 AM	Tank Wet well 101 Bissett St. Insp/ Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok
4514027	0000328919	TANK PROCESS WET WELL 200 BROOK ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 200 Brook St. Insp/ Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:04 AM	8/13/25 09:04 AM	Tank Wet well 200 Brook St. Insp/ Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok
4514039	0000328916	TANK PROCESS WET WELL 300 LOUIS ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 300 Louis St. Insp/ Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:04 AM	8/13/25 09:04 AM	Tank Wet well 300 Louis St. Insp/ Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok
4514048	0000328832	TANK PROCESS WET WELL 451 BISSETT ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 451 Bissett St. Insp/ Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:05 AM	8/13/25 09:05 AM	Tank Wet well 451 Bissett St. Insp/ Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok

Workorder Summary Report

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

Report End Date: Jun 30, 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
4514065	0000328850	TANK PROCESS WET WELL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 601 Mckenzie St. Insp/Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:05 AM	8/13/25 09:05 AM	Tank Wet well 601 Mckenzie St. Insp/Service (1y) - 1541 -Wetwell inspection completed weekly, visual inspection for cracks, leaks, potential issues, none found at this time. All ok
4514074	0000328897	TANK PROCESS WET WELL 1101 BISSETT ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Wet well 1101 Bissett St. Insp/ Service (1y) - 1541	COMP	5/1/25 12:00 AM	8/13/25 09:13 AM	8/13/25 09:13 AM	Tank Wet well 1101 Bissett St. Insp/ Service (1y) - 1541 -Wet well inspected weekly for leaks, cracks, defects. none found at this time, all OK
4517366			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	5/1/25 12:00 AM	8/13/25 09:13 AM	8/13/25 09:13 AM	Pump Submersible Group Inspection (1m) 1541 -All pumps checked weekly visually and audibly, checked running in hand. No issues found at this time
4532782			1541, Mattawa Wastewater System	OPER	Inspection	1	YEARS	Grating Insp (1y) - 1541, Mattawa Wastewater System	COMP	5/1/25 12:00 AM	8/13/25 09:24 AM	8/13/25 09:24 AM	Grating Insp (1y) - 1541, Mattawa Wastewater System -Visual inspection of grating in the lift stations was completed. No issues found, checked for cracks and defects. nothing seen.
4552826	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	5/10/25 12:00 AM	8/13/25 08:59 AM	8/13/25 08:59 AM	Generator Monthly Test (1m) 1541 -Generator ran under power outage conditions, all ok at this time, no issues had.
4552829	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	5/10/25 12:00 AM	8/13/25 08:59 AM	8/13/25 08:59 AM	Generator Monthly Test (1m) 1541 -Generator ran under power outage conditions, all ok at this time, no issues had.
4552832	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	5/10/25 12:00 AM	8/13/25 09:00 AM	8/13/25 09:00 AM	Generator Monthly Test (1m) 1541 -Generator ran under power outage conditions, all ok at this time, no issues had.
4553992	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	5/16/25 12:00 AM	8/13/25 09:11 AM	8/13/25 09:11 AM	Tank Alum Inspection (1m) - 1541 -Alum tank checked weekly for cracks, ware, leaks, defects. None found at this time. All ok
4581964			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	6/1/25 12:00 AM	8/13/25 09:30 AM	8/13/25 09:30 AM	Alarm Dialer Route (1m) - 1541 -Alarm dialer visually inspected, working as it should. no issues found

Workorder Summary Report

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

Report End Date: Jun 30, 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
4581971			1541, Mattawa Wastewater System	PM	HEALTH AND SAFETY	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	6/1/25 12:00 AM	8/13/25 09:30 AM	8/13/25 09:30 AM	Health And Safety Inspection (1m) 1541 -Health and safety check completed. no issues arising;
4581996	0000328858	TANK STORAGE HOT WATER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Hot Water Insp. (1y) - 1541	COMP	6/1/25 12:00 AM	8/13/25 09:32 AM	8/13/25 09:32 AM	Tank Hot Water Insp. (1y) - 1541 -STP hot water tank still out of service
4585548			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	6/1/25 12:00 AM	8/13/25 09:12 AM	8/13/25 09:12 AM	Pump Submersible Group Inspection (1m) 1541 -All pumps checked weekly visually and audibly, checked running in hand. No issues found at this time
4606967	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	6/16/25 12:00 AM	8/13/25 09:11 AM	8/13/25 09:11 AM	Tank Alum Inspection (1m) - 1541 -Alum tank checked weekly for cracks, ware, leaks, defects. None found at this time. All ok -



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MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix C - Call-out Report for WTP

Workorder Summary Report

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

Report End Date: Jun 30, 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
4485842			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		PLC Fail Alarm 1517	CLOSE		4/2/25 10:30 PM	4/7/25 12:35 PM	Optiview issue -
4486972			1517, Mattawa DWS	CALL	Compliance	0		400 bissett GEN101 Fault	CLOSE		4/13/25 01:50 AM	4/13/25 02:30 AM	400 bissett GEN101 Fault - April 13th 2025 Called in for PLC fault 400 Bissett. arrived on site, a bunch of different alarmed in place, but all acknowledged except for GEN101 diesel fault. Followed instruction on panel to reset but alarm did not clear itself. power came back right away so generator was not needed. Called telus/trusteel to put alarm on disregard until Monday April 14th 2025 at 0800. Informed ORO of issues and he agreed with what i did. Kyle Michaud
4488155			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Loss of reservoir communication	CLOSE		4/19/25 07:00 AM	4/19/25 09:45 AM	Loss of reservoir communication -Call for loss of reservoir communication. Arrived to plant and tried to restart modem a couple times to reinstate connection but didn't work. It did come back after trying to power down the SCADA computer a couple times. Cleared all alarms and plant started, monitored process, looks fine

Workorder Summary Report

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

Report End Date: Jun 30, 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
4550676			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Low POE chlorine lockout	CLOSE		4/30/25 10:40 PM	4/30/25 11:30 PM	Mattawa Low POE chlorine lockout - April 30th 2025 Called in at 400 bissett. Arrived on site and seen low POE analyzer reading 0.28mg/l confirmed with handheld and got a reading of 0.31mg/l slugged the line a bit with chlorine with pump in manual and flushed water through analyzer. confirmed a reading of 0.76mg/l with handheld and analyzer was at 0.74mg/l. compared handheld to distribution analyzer and it was within calibration. topped up chlorine tank. increased chlorine adjustment factors to 2.0 started wtp back up. Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4554927			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Comm Loss - 1517	COMP		5/18/25 03:00 AM	5/18/25 10:30 AM	Comm Loss - 1517 - onsite for comm loss alarms. called at 0022 for alarms. remotely logged on, restarted scada computer, did not fix the issue. restarted modems and scada computer, comms did not come back. Switched to p2 to run for the night. and put all in auto to swithc to p1 at 0600. will check in later to see if comms returned. 1000-back onsite to diagnose issues. restarted internet and routers. Restarted scada computer, all comms back online. put all back in auto

Workorder Summary Report

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

Report End Date: Jun 30, 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
4555810			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Low POE and distribution chlorine lockout	COMP		5/23/25 01:45 AM	5/23/25 02:40 AM	Mattawa Low POE and distribution chlorine lockout - May 23rd 2025 1:40am Called out For 400 Bissett, arrived on site and seen both chlorine analyzer in alarm and reading low. 1:50am crosschecked both analyzers with handheld unit. both were reading correctly. 1:55am starting flushing water through analyzers, and pumping chlorine manually into line. 2:05am confirmed residuals again comparing handheld unit to chlorine analyzers. 2:15am started water plant back up. everything looked good. Kyle Michaud
4603409			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Loss of Reservoir communication	COMP		5/31/25 09:45 AM	5/31/25 02:15 PM	Loss of Reservoir communication - Received call for reservoir communication alarm. Logged in remotely and switched duty pump to well pump 2 as reservoir is nearly full. Arrived on site and reset modem. Comm loss error cleared. Switched duty pump back to well pump 1
4603410			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Loss of Reservoir communication	COMP		5/31/25 09:30 PM	6/1/25 12:30 AM	Loss of Reservoir communication - Received second loss of reservoir comm. Reset modem at 2320

Workorder Summary Report

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

Report End Date: Jun 30, 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
4603411			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Loss of Reservoir communication	COMP		6/1/25 08:00 AM	6/1/25 10:30 PM	Loss of Reservoir communication -Received third call for loss of reservoir communication. Controlled pumps remotely all day to avoid over filling reservoir. Comm's did not fix itself all day. Visited site later that night to reset modems.
4605800			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Low POE/ distribution chlorine lockout	COMP		6/4/25 06:15 AM	6/4/25 06:30 AM	Mattawa Low POE/ distribution chlorine lockout - June 4th 2025 0600- Josh called me his truck broke down on highway, So I responded to the call in for him. 0615- arrived on site low chlorine on both analyzer, confirmed both analyzer were reading right. 0620-flushed analyzers then confirmed a good residual at both analyzers. 0.30mg/l at POE and 0.38mg/l at distribution. 0625-started wtp up. everything working correctly. Kyle Michaud
4605805			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Communication Alarm/ Reservoir	COMP		6/7/25 02:30 AM	6/7/25 02:45 AM	Mattawa Communication Alarm/ Reservoir - June 7th 2025 0215- received called for 400 Bissett, reservoir communication. 0230- tried multiple times resetting router and power bar. Internet didn't come back right away. 0245- switch duty pump to pump2 to make sure reservoir didn't overflow and monitored wtp. Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4605807			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Communication Alarm/ Reservoir	COMP		6/7/25 08:45 AM	6/7/25 09:00 AM	Mattawa Communication Alarm/ Reservoir - June 7th 2025 -0830 another communication alarm came in, -0845 arrived on site reset modem and power bar, internet didn't come back right away. -0900 made sure pump 1 was lead because of high water usage during the day. Kyle Michaud
4605815			1517, Mattawa DWS	CALL	Compliance	0		Mattawa Low POE chlorine lockout	COMP		6/9/25 02:30 AM	6/9/25 03:30 AM	6/9/25 03:30:00 - June 9th 2025 0220 called in for PLC fail alarm at 400 Bissett. 0230 Arrived on site, notice both chlorine analyzer were low and confirmed they were reading right. Also day tank with chlorine was empty, so made a new batch of 6% chlorine, 0245 flushed both analyzers to get residuals up, confirmed residuals again before starting plant. 0300 started wtp but it locked out right away. 0315 swapped some parts on chlorine pump 2 and restarted plant with chlorine pump 2 as lead, chlorine adjustment factor at 3. 0330 everything started up good. Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4609085			1517, Mattawa DWS	CALL	Inspection	0		Area power/communication loss	COMP		6/21/25 09:30 PM	6/22/25 07:30 AM	Area power/communication loss - Called at 09:30 June 21 for comm loss. Logged in remotely to verify reservoir level unknown. Tried to drive in but highway closed. Arrived back home and manually operated pumps remotely instead. While pumps were in the off position all communication to area was lost. Tried to get into Mattawa a couple different ways but there were multiple washouts/trees down. Got in contact with Josh D, which was able to make it to the plant to start the plant. He was unable to clear comm loss condition. Left plant run most of day as reservoir was quite low.
4609089			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Comm loss	COMP		6/22/25 07:30 PM	6/23/25 03:30 AM	Comm loss -Comm loss all day. After pumps running all day due to earlier outage, remotely started to cycle plant on/ off. Comm's recovered by itself around 02:00 June 23. Pumps were turned on and back to AUTO at 03:30. Reservoir reading 1.45m at time of pump restoral.
4609139			1517, Mattawa DWS	CALL	Compliance	0		Comm Loss Due to Major Storm-1517	COMP		6/22/25 04:30 AM	6/26/25 01:25 PM	Loss of Comms -Called by curtis at 0430 sunday morning. Due to major storm that hit mattawa and area. The highway and back road was shut down. I was able to get an escort through to mattawa to get to the water plant. Plant was off, and comms were lost and internet was down for remote access. Distribution pressure was at 90 PSI. Started the plant; All seems to be running OK.



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Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix D - Call-out Report for WWTL

Workorder Summary Report

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

Report End Date: Jun 30, 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
4485841			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		Hydro Outage 1541	CLOSE		4/3/25 05:15 PM	4/7/25 12:31 PM	Hydro Outage 1541 - back onsite, hydro one has restored power to the STP. Checked uv lights and blowers, all transferred over ok. Generator shut down
4486789			1541, Mattawa Wastewater System	CALL	Compliance	0		601 Mckenzie liftstation high level	CLOSE		4/10/25 03:40 AM	4/10/25 03:50 AM	601 Mckenzie liftstation high level - April 10th 2025 Called in for high level alarm at 601 mckenzie liftstation. both pumps were tripped, reset both pumps, started them in hand to pump the level down. Opened lid to make sure level was coming down. Put both pumps back in auto, locked up site . Kyle Michaud
4488153			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		Louis LS power loss	CLOSE		4/18/25 07:15 PM	4/18/25 11:00 PM	Louis LS power loss - Received a power loss alarm for Louis lift station. On site found that one phase was down. Called Hydro and they restored power at the nearby Hydro pole. Verified pump was working, pump down lift station.
4490188			1541, Mattawa Wastewater System	CALL	Compliance	0		1101 Bissett lift station High level	CLOSE		4/28/25 08:05 PM	4/28/25 08:15 PM	1101 Bissett lift station High level - April 28th 2025 Called in for high level at 1101 Bissett. pump2 was tripped, reset pump 2 and both pumps were running in auto. Let Josh know that pump 2 was running high amps. Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4490189			1541, Mattawa Wastewater System	CALL	Compliance	0		1101 Bissett lift station High level	CLOSE		4/29/25 06:30 AM	4/29/25 06:40 AM	1101 Bissett lift station High level - April 29th 2025 Called in for high level at 1101 Bissett lift station. Pump 2 was tripped, reset it and running in auto. Notified Josh of high amps and pump is plugged. Josh pulled the pump and unplugged it the following day, Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4550691			1541, Mattawa Wastewater System	CALL	Compliance	0		Hydro power back on. transferring WTP manually	CLOSE		4/30/25 03:25 AM	4/30/25 07:15 AM	Hydro power back on. transferring WTP manually - April 30th 2025 0315am: first alarm that came in was 1101 Bissett high level alarm. which told me the Hydro power was back on. responded to that site and reset pump 2 and both pumps were running in auto after wards. 0355am: Shutdown generator and transferred power back to Hydro manually for WTP. started up WTP and went to checked on 451 Bissett lift station and cleared all alarms and started both pumps in Auto. 0525am: Called Josh about 601 McKenzie High level and main breaker was in thermal overload because pump2 was plugged. Left pump2 off and started just pump1 and high level went away. 0630am: Drove around checking all other sites making sure no overflows or reporting was needed. 0700am: Josh called in Sucker truck for Louis street and Brooke street lift stations. Kyle Michaud

Workorder Summary Report

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

Report End Date: Jun 30, 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
4551446			1541, Mattawa Wastewater System	CALL	Compliance	0		1101 Bissett lift station High level	CLOSE		5/2/25 08:48 PM	5/2/25 09:10 PM	- May 2nd 2025 called in for high level for 1101 Bissett street lift station. Both pumps were running fine at 8amps each. The level was high do to high river levels and peak flows in the sewers. The alarm cleared and came back on all weekend. (at least 5 times) the pumps are still pumping good. Once the river level comes down a bit, this shouldn't be an issue anymore. Informed ORO. Kyle Michaud
4554930			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		High Level Alarm Loius St Station-1541	COMP		5/14/25 01:15 AM	5/21/25 11:32 AM	High Level Alarm Loius St Station-1541 - 0146- Onsite for high level alarm. Pump was not tripped. Put pumps in hand. And into auto. All seems ok now. Allowed station to pump down. No issues found. High river level is causing flow issues within the campground, pumping may occur near pump start and causing the station to surcharge

Workorder Summary Report

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

Report End Date: Jun 30, 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
4605813			1541, Mattawa Wastewater System	CALL	Compliance	0		300 Mattawan Pump 2 Fault	COMP		6/9/25 07:58 AM	6/9/25 08:03 AM	300 Mattawan Pump Fault - June 7th 2024 13:15 called in for pump 2 fault at 300 Mattawan lift station. 14:00 arrived on site, alarm wouldn't clear on pump 2. put pump 1 in auto. 14:30 monitor level to make sure level was in a safe range. called ORO to let him know about pump 2. Kyle Michaud



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MATTAWA WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix E - Performance Assessment Report Water

1517 MATTAWA DRINKING WATER SYSTEM 210001905

	4 / 2025	5/ 2025	6/ 2025	<--Total-->	<--Avg-->	<--Max-->	<--Min-->
Flows							
Raw Flow: Monthly Total - RW1 - Well #1 (m³)	87,709.64	82,796.38	77,791.30	248,297.32			
Raw Flow: Monthly Total - RW2 - Well #2 (m³)	187.67	1,677.54	1,606.44	3,471.64			
Raw Flow: Monthly Avg - RW1 - Well #1 (m³)	2,923.65	2,670.85	2,593.04		2,729.18		
Raw Flow: Monthly Avg - RW2 - Well #2 (m³)	6.26	54.11	53.55		37.97		
Raw Flow: Monthly Max - RW1 - Well #1 (m³)	3,206.44	2,990.96	3,085.27			3,206.435	
Raw Flow: Monthly Max - RW2 - Well #2 (m³)	26.93	292.87	462.35			462.352	
Raw Flow: Monthly Total - RWT - Raw Water - Total (m³)	87,897.30	84,473.92	79,397.74	251,768.97			
Raw Flow: Monthly Avg - RWT - Raw Water - Total (m³)	2,929.91	2,724.97	2,646.59		2,767.16		
Raw Flow: Monthly Max - RWT - Raw Water - Total (m³)	3,206.44	2,990.96	3,085.27			3,206.435	

Chemical Parameters

Treated: Max Nitrite - TW - TW (mg/L)	< 0.100				<	0.100	<
Treated: Max Nitrate - TW - TW (mg/L)	< 1.000				<	1.000	<
Distribution: Max THM - DW - DW (µg/l)	< 6.000				<	6.000	<
Distribution: Max HAA - DW - DW (µg/l)	< 5.000				<	5.000	<

Chlorine Residuals

Treated: Min Free Cl2 Resid - TW - TW (mg/L)	0.085	0.099	0.076				0.076
Treated: Max Free Cl2 Resid - TW - TW (mg/L)	4.092	3.947	3.750			4.092	
Dist: Min Free Cl2 Resid - DW - DW (mg/L)	0.028	0.087	0.171				0.028
Dist: Max Free Cl2 Resid - DW - DW (mg/L)	3.196	2.300	2.359			3.196	

Bacti Samples Collected

Raw Bacti: # of samples - RW1 - Well #1	5	4	4	13			
Raw Bacti: # of samples - RW2 - Well #2	5	4	4	13			
Treated Bacti: # of samples - TW - TW	5	4	4	13			
Dist Bacti: # of samples - DW - DW	15	15	12	42			
Dist HPC: # of samples - DW - DW	5	4	4	13			
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			



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix F - Performance Assessment Report Wastewater

1541 MATTAWA WASTEWATER TREATMENT FACILITY 110000436

	4 / 2025	5/ 2025	6/ 2025	<--Total-->	<--Avg-->	<--Max-->
Flows						
Raw Flow: Total - Raw m³/d	26,587.65	39,158.56	24,038.81	89,785.02		
Raw Flow: Avg - Raw m³/d	886.25	1,263.18	801.29		986.65	
Raw Flow: Max - Raw m³/d	1,394.74	2,063.42	1,291.64			2,063.42
Raw Flow: Count - Raw m³/d	30.00	31.00	30.00	91.00		
Eff. Flow: Total - Eff m³/d	26,587.65	39,158.56	24,038.81	89,785.02		
Eff. Flow: Avg - Eff m³/d	886.25	1,263.18	801.29		986.65	
Eff. Flow: Max - Eff m³/d	1,394.74	2,063.42	1,291.64			2,063.42
Eff Flow: Count - Eff m³/d	30.00	31.00	30.00	91.00		
Carbonaceous Biochemical Oxygen Demand: CBOD						
Eff: Avg cBOD5 - Eff mg/L	8.00	4.00	2.00		4.67	8.00
Eff: # of samples of cBOD5 - Eff	1.00	1.00	1.00	3.00		
Loading: cBOD5 - Eff kg/d	7.090	5.053	1.603		4.60	7.09
Biochemical Oxygen Demand: BOD5						
Raw: Avg BOD5 - Raw mg/L	142.00	104.00	128.00		124.67	142.00
Raw: # of samples of BOD5 - Raw	1.00	1.00	1.00	3.00		
Eff: Avg BOD5 - Eff mg/L	10.00	6.00	3.00		6.33	10.00
Eff: # of samples of BOD5 - Eff	1.00	1.00	1.00	3.00		
Loading: BOD5 - Eff kg/d	8.863	7.579	2.404		6.25	8.86
Percent Removal: BOD5 - Raw %	0.00	0.00	0.00		0.00	
Total Suspended Solids: TSS						
Raw: Avg TSS - Raw mg/L	266.00	137.00	175.00		192.67	266.00
Raw: # of samples of TSS - Raw	1.00	1.00	1.00	3.00		
Eff: Avg TSS - Eff mg/L	10.80	12.20	2.90		8.63	12.20
Eff: # of samples of TSS - Eff	1.00	1.00	1.00	3.00		
Loading: TSS - Eff kg/d	9.572	15.411	2.324		8.52	15.41
Percent Removal: TSS - Raw %	0.00	0.00	0.00		0.00	
Total Phosphorus: TP						
Raw: Avg TP - Raw mg/L	2.63	2.79	3.27		2.90	3.27
Raw: # of samples of TP - Raw	1.00	1.00	1.00	3.00		
Eff: Avg TP - Eff mg/L	0.58	1.51	1.85		1.30	1.85
Eff: # of samples of TP - Eff	5.00	4.00	5.00	14.00		
Loading: TP - Eff kg/d	0.510	1.907	1.479		1.28	1.91
Percent Removal: TP - Raw %	0.00	0.00	0.00		0.00	
Nitrogen Series						
Eff: Avg TAN - Eff mg/L	12.76	12.08	17.66		14.31	17.66
Eff: Avg NO3-N - Eff mg/L	0.12	0.06	0.05		0.08	0.12
Eff: # of samples of NO3-N - Eff	1.00	1.00	1.00	3.00		
Eff: Avg NO2-N - Eff mg/L	0.01	0.01	0.02		0.02	0.02
Eff: # of samples of NO2-N - Eff	1.00	1.00	1.00	3.00		