

SYSTEM OVERVIEW

April 1st to June 30th, 2020

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the second quarter.
- Copper pipe water leak repaired.
- Large fire required operator response to monitor well house operations and water supply.
- Fire hydrant repaired.
- Discussions with MECP, Mattawa and consultants JP2G regarding river watermain crossing. MECP wants pressure monitoring.

Wastewater Treatment

- The wastewater treatment system performed well during the second quarter.
- Ongoing issues with pump faults at main sewage lift station (SLS) 451 Bisette. Electrical pump controls at end of life.

CAPITAL PLAN PROGRESS

Drinking Water System

- OCWA engineers reviewed potential variable frequency drive (VFD) installation on Well #2 to determine that reduced pump speed would not be detrimental to pumping up the reservoir. Obtained pump curves from original manufacturer. VFD use is permitted.

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 2020 and all results fell within regulatory limits.
- Winter term lead, pH and alkalinity sampling completed April 14, 2020.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed April 14, 2020.
- Off-site external System (Stage 1) audit completed April 1, 2020, there were three opportunities for improvement (OFIs) identified. All have been reviewed and resolved. Initial Verification Audit completed via remote technology on June 25, 2020. One OFI was identified and is currently in progress to be resolved.
- Annual contingency test Critical Injury and Unsafe Water tested and reviewed June 30, 2020.
- Application for MDWL renewal in progress, all supporting documents compiled, just require Municipality representative signature on application form and council resolution approving financial plan.
- No Ministry of the Environment, Conservation and Parks (MECP) or Ministry of Labour (MOL) inspections were conducted this quarter.
- All required sewage samples required under the system's ECA were collected and tested in the second quarter of 2020.

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 Mental Health during COVID-19.
- Staff training completed on H&S Workplace Inspection.
- Annual health and safety inspection completed for the water treatment plant.
- Staff training completed on Tailgate Meetings.

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



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MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix A - Work Order Summary for WTP

Workorder Summary Report

Report Start Date: Apr 1, 2020 12:00 AM

Report End Date: Jun 30, 2020 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
1794367	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	4/1/20 12:00 AM	8/13/20 12:17 PM	8/13/20 12:17 PM	
1794370	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	5/1/20 12:00 AM	8/13/20 12:16 PM	8/13/20 12:16 PM	
1694483	0000328763	ANALYZER TURBIDITY PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Turbidity Analyzer Calibration (1m) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:05 PM	5/10/20 04:05 PM	
1694488	0000328770	UV LIGHT REACTOR #1	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:05 PM	5/10/20 04:05 PM	
1694491	0000328771	UV LIGHT REACTOR #2	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:05 PM	5/10/20 04:05 PM	
1694494	0000328765	ANALYZER CHLORINE UNIT #3 PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Portable chlorine Analyzer #3 Calibration (1m) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:06 PM	5/10/20 04:06 PM	
1780648			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:15 PM	8/13/20 12:15 PM	
1780661	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:12 PM	8/13/20 12:12 PM	
1780784			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:14 PM	8/13/20 12:14 PM	
1792110	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:14 PM	8/13/20 12:14 PM	
1780558	0000328763	ANALYZER TURBIDITY PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Turbidity Analyzer Calibration (1m) 1517	COMP	6/1/20 12:00 AM	7/23/20 02:40 PM	7/23/20 02:40 PM	
1780563	0000328770	UV LIGHT REACTOR #1	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	6/1/20 12:00 AM	7/23/20 02:40 PM	7/23/20 02:40 PM	
1780566	0000328771	UV LIGHT REACTOR #2	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:11 PM	8/13/20 12:11 PM	
1780569	0000328765	ANALYZER CHLORINE UNIT #3 PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Portable chlorine Analyzer #3 Calibration (1m) 1517	COMP	6/1/20 12:00 AM	8/13/20 12:11 PM	8/13/20 12:11 PM	
1780618	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	BUSCOMP	6/1/20 12:00 AM	8/13/20 12:09 PM	8/13/20 12:09 PM	
1780639			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1517	COMP	6/1/20 12:00 AM	8/13/20 12:09 PM	8/13/20 12:09 PM	

Workorder Summary Report

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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
1737256			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1517	COMP	5/1/20 12:00 AM	7/23/20 02:36 PM	7/23/20 02:36 PM	
1737265			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:37 PM	7/23/20 02:37 PM	
1737276	0000328792	TANK STORAGE RESERVOIR	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	3	YEARS	Tank Reservoir Inspection (1y) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:37 PM	7/23/20 02:37 PM	
1737290	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	5/1/20 12:00 AM	8/13/20 12:05 PM	8/13/20 12:05 PM	
1737295	0000328753	WELL PRODUCING #1	1517, Mattawa DWS	PM	Inspection	1	YEARS	Well Producing (1y / 10y) Inspection 1517	COMP	5/1/20 12:00 AM	8/13/20 12:16 PM	8/13/20 12:16 PM	
1737446			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	5/1/20 12:00 AM	8/13/20 12:11 PM	8/13/20 12:11 PM	
1737170	0000328787	ANALYZER UV TRANSMITTANCE	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	3	MONTHS	UV Transmitter Optiview calibration (6m) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:32 PM	7/23/20 02:32 PM	
1737181	0000328763	ANALYZER TURBIDITY PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Turbidity Analyzer Calibration (1m) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:32 PM	7/23/20 02:32 PM	
1737186	0000328770	UV LIGHT REACTOR #1	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	5/1/20 12:00 AM	6/2/20 12:51 PM	6/2/20 12:51 PM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 -Monthly UV sensor check, PASS, JD
1737189	0000328771	UV LIGHT REACTOR #2	1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	5/1/20 12:00 AM	6/2/20 12:52 PM	6/2/20 12:52 PM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 -Completed monthly uv 2 sensor check, PASS, JD
1737192	0000328765	ANALYZER CHLORINE UNIT #3 PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Portable chlorine Analyzer #3 Calibration (1m) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:31 PM	7/23/20 02:31 PM	
1737235	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	5/1/20 12:00 AM	7/23/20 02:36 PM	7/23/20 02:36 PM	
1694599			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:07 PM	5/10/20 04:07 PM	
1694612	0000328800	TANK STORAGE SODIUM HYPO	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Holding Sodium Hypo Inspection/Maintenance (1y) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:04 PM	5/10/20 04:04 PM	
1694616	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	CLOSE	4/1/20 12:00 AM	5/11/20 07:53 AM	5/11/20 07:53 AM	

Workorder Summary Report

Report Start Date: Apr 1, 2020 12:00 AM

Report End Date: Jun 30, 2020 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
1694818			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:09 PM	5/10/20 04:09 PM	
1707387	0000328804	ANALYZER CHLORINE / PH AIT 102	1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (3m) 1517	COMP	4/8/20 12:00 AM	8/13/20 12:06 PM	8/13/20 12:06 PM	
1707390			1517, Mattawa DWS	PM	Inspection	3	MONTHS	PH Analyzer Calibration (POE) (3m) 1517	COMP	4/8/20 12:00 AM	8/13/20 12:06 PM	8/13/20 12:06 PM	
1694544	0000328818	METER FLOW FIT 101	1517, Mattawa DWS	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1517	CLOSE	4/1/20 12:00 AM	5/11/20 07:56 AM	5/11/20 07:56 AM	
1694549			1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	UVR Service (Spring & Fall) 1517	COMP	4/1/20 12:00 AM	8/13/20 12:07 PM	8/13/20 12:07 PM	
1694556			1517, Mattawa DWS	PM	Inspection	3	MONTHS	Replace UV Air Filters 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:06 PM	5/10/20 04:06 PM	
1694564	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:06 PM	5/10/20 04:06 PM	
1694569	0000328820	METER FLOW	1517, Mattawa DWS	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1517	CLOSE	4/1/20 12:00 AM	5/11/20 07:56 AM	5/11/20 07:56 AM	
1694590			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1517	CLOSE	4/1/20 12:00 AM	5/10/20 04:07 PM	5/10/20 04:07 PM	



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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, 2020 12:00 AM

Report End Date: Jun 30, 2020 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
1751511	0000328827	PUMP SUBMERSIBLE 451 BISSETT ST.	1541, Mattawa Wastewater System	CORR	Refurbish/ Replace/Repair	0		Pump 1 contactor repair- 1541	COMP		8/13/20 12:27 PM	8/13/20 12:27 PM	Pump 1 contactor repair- 1541 -On May 26-2020, Rick Hebert was onsite to asses and clean the start contactor on P1 as it was sticking causing the main breaker to trip. After cleaning the contactor many times, it was freed enough to operate automatically with minimal resistance. the sticking and having to clean is becoming an ongoing issue. will need to be addressed. JD
1694476	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	UV Reactor service Spring (2m) 1541	COMP	4/1/20 12:00 AM	7/23/20 02:33 PM	7/23/20 02:33 PM	
1694665	0000328855	METER FLOW	1541, Mattawa Wastewater System	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1541	CLOSE	4/1/20 12:00 AM	5/11/20 07:57 AM	5/11/20 07:57 AM	
1694670			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	4/1/20 12:00 AM	5/10/20 04:07 PM	5/10/20 04:07 PM	
1694677			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	4/1/20 12:00 AM	5/10/20 04:08 PM	5/10/20 04:08 PM	
1694689	0000328876	TANK STORAGE FUEL LAGOON	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541	CLOSE	4/1/20 12:00 AM	5/11/20 08:25 AM	5/11/20 08:25 AM	
1792122	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	6/10/20 12:00 AM	8/13/20 12:15 PM	8/13/20 12:15 PM	
1792125	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	6/10/20 12:00 AM	8/13/20 12:15 PM	8/13/20 12:15 PM	
1792128	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	6/10/20 12:00 AM	8/13/20 12:15 PM	8/13/20 12:15 PM	
1793074	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	6/16/20 12:00 AM	8/13/20 12:14 PM	8/13/20 12:14 PM	
1750504	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	5/16/20 12:00 AM	7/23/20 02:39 PM	7/23/20 02:39 PM	
1780666	0000328859	ANALYZER GAS BUMP TEST	1541, Mattawa Wastewater System	PM	Calibration	6	MONTHS	Analyzer Gas C02 (6m) 1541	COMP	6/1/20 12:00 AM	8/13/20 12:12 PM	8/13/20 12:12 PM	
1780686			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	6/1/20 12:00 AM	8/13/20 12:12 PM	8/13/20 12:12 PM	

Workorder Summary Report

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Work Order Type: CAP,CORR,OPER,PM

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				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
1780693			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	6/1/20 12:00 AM	8/13/20 12:13 PM	8/13/20 12:13 PM	
1780704			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Process Lagoon Cells Insp/ Service (1y) - 1541	COMP	6/1/20 12:00 AM	8/13/20 12:14 PM	8/13/20 12:14 PM	
1780716	0000328858	TANK STORAGE HOT WATER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Hot Water Insp. (1y) - 1541	COMP	6/1/20 12:00 AM	8/13/20 12:14 PM	8/13/20 12:14 PM	
1737346	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	5/1/20 12:00 AM	8/13/20 12:05 PM	8/13/20 12:05 PM	
1737355	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	5/1/20 12:00 AM	8/13/20 12:05 PM	8/13/20 12:05 PM	
1737365	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	5/1/20 12:00 AM	8/13/20 12:10 PM	8/13/20 12:10 PM	
1737374	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	5/1/20 12:00 AM	8/13/20 12:10 PM	8/13/20 12:10 PM	
1737391	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	5/1/20 12:00 AM	8/13/20 12:10 PM	8/13/20 12:10 PM	
1737400	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	5/1/20 12:00 AM	8/13/20 12:11 PM	8/13/20 12:11 PM	
1694697	0000328903	TANK STORAGE FUEL LAGOON	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Fuel Diesel Lagoon Insp/Service (1y) 1541	CLOSE	4/1/20 12:00 AM	5/11/20 08:26 AM	5/11/20 08:26 AM	
1694705	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	CLOSE	4/1/20 12:00 AM	5/11/20 08:26 AM	5/11/20 08:26 AM	
1708309	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	4/16/20 12:00 AM	5/10/20 04:09 PM	5/10/20 04:09 PM	
1737319			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	5/1/20 12:00 AM	7/23/20 02:38 PM	7/23/20 02:38 PM	
1737326			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	5/1/20 12:00 AM	7/23/20 02:39 PM	7/23/20 02:39 PM	
1737337	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	5/1/20 12:00 AM	8/13/20 12:04 PM	8/13/20 12:04 PM	



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Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix C - Call-out Report for WTP

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Report Start Date: Apr 1, 2020 12:00 AM

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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
1790896			1517, Mattawa DWS	CALL	Health and Safety	0		1517- Structure Fire Required Large Pump Activation	COMP		6/2/20 01:51 PM	6/2/20 01:58 PM	1517- Structure Fire Required Large Pump Activation -Called by Dupty Fire Chief Paul Dupras at approx. 0440 for the large pump to be turned on as there was a large structure fire. At approx. 0500 I was able to be in town and switch from the small pump to the large pump and advise Mattawa fire that this action had been taken and they now have a significant water supply. JD
1794651			1517, Mattawa DWS	CALL	Inspection	0		Power Failure Generators Running 1517	COMP		6/2/20 08:00 PM	6/29/20 12:20 PM	Power Failure Generators Running 1517 -Called by truesteel at 2003, for multiple alarms in regards to power failure at all stations. Arrived in town at 2025, checked all stations, power had already restored and all generators shut off. checked all stations, they were all operating properly. JD



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MATTAWA WATER & WASTEWATER SYSTEMS

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Appendix D - Call-out Report for WWTL

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				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
1751433	0000328827	PUMP SUBMERSIBLE 451 BISSETT ST.	1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		1541- 451 Bissett St Lift Staiton Pump failure	COMP		4/23/20 11:45 PM	4/24/20 01:00 AM	1541- 451 Bissett St Lift Staiton Pump failure -Called by truesteel security for pump #1 failure alarm. Arrived to find pump 1 tripped and none responsive. Attempted to reset all breakers and overloads. Pump 1 still no response. Emailed Rick Hebert to come take a look in the morning. Pump 2 is running OK. JD



Ontario Clean Water Agency
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MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix E - Performance Assessment Report Water

**Mattawa Drinking Water System
Performance Assessment Report Water**

From April 1, 2020 to June 30, 2020

Report extracted 08/13/2020 15:34

Facility: [1517] MATTAWA DRINKING WATER SYSTEM

Works: [210001905]

	04/2020	05/2020	06/2020	<--Total-->	<--Avg.-->	<--Max.-->	<--Min.-->
Flows:							
Raw Flow: Monthly Total - Well #1 (m³)	38712.27	42512.6	44344.22	125569.09			
Raw Flow: Monthly Total - Well #2 (m³)	11257.35	7437.05	7668.99	26363.39			
Raw Flow: Monthly Avg - Well #1 (m³/d)	1290.41	1371.37	1478.14		1379.97		
Raw Flow: Monthly Avg - Well #2 (m³/d)	375.25	239.9	255.63		290.26		
Raw Flow: Monthly Max - Well #1 (m³/d)	1571.91	1703.12	1858.03			1858.03	
Raw Flow: Monthly Max - Well #2 (m³/d)	447.35	468.55	409.94			468.55	
Raw Flow: Monthly Total - Raw Water - Total (m³)	49969.62	49949.65	52013.21	151932.48			
Raw Flow: Monthly Avg - Raw Water - Total (m³/d)	1665.65	1611.28	1733.77		1670.24		
Raw Flow: Monthly Max - Raw Water - Total (m³/d)	2019.26	1768.31	2077.63			2077.63	
Turbidity:							
Raw: Max Turbidity - Well #1 (NTU)	0.37	0.35	0.31			0.37	
Raw: Max Turbidity - Well #2 (NTU)	0.26	0.28	0.27			0.28	
Chemical Parameters:							
Treated: Max Nitrite - TW (mg/L)	< 0.1					< 0.1	
Treated: Max Nitrate - TW (mg/L)	1.48					1.48	
Chlorine Residuals:							
Treated: Min Free Cl2 Resid - TW (mg/L)	0.135	0.145	0.261				0.135
Treated: Max Free Cl2 Resid - TW (mg/L)	4.119	4.119	4.119			4.119	
Dist: Min Free Cl2 Resid - DW (mg/L)	0.321	0.681	0.706				0.321
Dist: Max Free Cl2 Resid - DW (mg/L)	1.439	1.255	1.289			1.439	
Bacti Samples Collected:							
Raw Bacti: # of samples - Well #1	4	4	5	13			
Raw Bacti: # of samples - Well #2	4	4	5	13			
Treated Bacti: # of samples - TW	4	4	5	13			
Dist Bacti: # of samples - DW	12	12	15	39			
Treated Bacti: # of TC exceedances - TW	0	0	0	0			
Treated Bacti: # of EC exceedances - TW	0	0	0	0			
Dist Bacti: # of TC exceedances - DW	0	0	0	0			
Dist Bacti: # of EC exceedances - DW	0	0	0	0			



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Northeastern Ontario Region

MATTAWA WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix F - Performance Assessment Report Wastewater

**Mattawa Wastewater Treatment Lagoon
Performance Assessment Report Wastewater/Lagoon**

Report extracted 08/13/2020 15:33

From April 1, 2020 to June 30, 2020

Facility: [1541] MATTAWA WASTEWATER TREATMENT FACILITY

Works: [110000436]

	04/2020	05/2020	06/2020	<--Total-->	<--Avg.-->	<--Max.-->	<--Criteria-->
Flows:							
Raw Flow: Total - Raw (m³)	29426.00	24314.00	23551.00	77291.00			
Raw Flow: Avg - Raw (m³/d)	980.87	784.32	785.03		850.07		
Raw Flow: Max - Raw (m³/d)	1460.00	995.00	871.00			1460.00	
Eff. Flow: Total - Eff (m³)	29426.00	24314.00	23551.00	77291.00			
Eff. Flow: Avg - Eff (m³/d)	980.87	784.32	785.03		850.07		
Eff. Flow: Max - Eff (m³/d)	1460.00	995.00	871.00			1460.00	
Carbonaceous Biochemical Oxygen Demand: CBOD:							
Eff: Avg cBOD5 - Eff (mg/L)	3.700	6.900	6.700		5.767	6.900	25.0
Eff: # of samples of cBOD5 - Eff (mg/L)	1	1	1	3			
Loading: cBOD5 - Eff (kg/d)	3.629	5.412	5.260		4.767	5.412	
Biochemical Oxygen Demand: BOD5:							
Raw: Avg BOD5 - Raw (mg/L)	64.600	117.400	144.800		108.933	144.800	
Raw: # of samples of BOD5 - Raw (mg/L)	1	1	1	3			
Eff: Avg BOD5 - Eff (mg/L)	6.500	12.600	11.200		10.100	12.600	30.0
Eff: # of samples of BOD5 - Eff (mg/L)	1	1	1	3			
Loading: BOD5 - Eff (kg/d)	6.376	9.882	8.792		8.350	9.882	
Percent Removal: BOD5 - Raw (mg/L)	0.000	0.000	0.000			0.000	
Total Suspended Solids: TSS:							
Raw: Avg TSS - Raw (mg/L)	94.900	106.000	135.000		111.967	135.000	
Raw: # of samples of TSS - Raw (mg/L)	1	1	1	3			
Eff: Avg TSS - Eff (mg/L)	10.700	21.500	15.800		16.000	21.500	30.0
Eff: # of samples of TSS - Eff (mg/L)	1	1	1	3			
Loading: TSS - Eff (kg/d)	10.495	16.863	12.404		13.254	16.863	
Total Phosphorus: TP:							
Raw: Avg TP - Raw (mg/L)	1.930	4.410	3.140		3.160	4.410	
Raw: # of samples of TP - Raw (mg/L)	1	1	1	3			
Eff: Avg TP - Eff (mg/L)	1.290	1.363	0.92		0.92	1.363	2.5
Eff: # of samples of TP - Eff (mg/L)	4	4	5	13			
Loading: TP - Eff (kg/d)	1.27	1.07	0.72		1.02	1.27	3.91
Nitrogen Series:							
Eff: Avg TAN - Eff (mg/L)	12.625	8.108	10.03		10.03	12.625	
Eff: Avg NO3-N - Eff (mg/L)	< 1.000	< 1.000	< 1.000		< 1.000	< 1.000	
Eff: # of samples of NO3-N - Eff (mg/L)	1	1	1	3			
Eff: Avg NO2-N - Eff (mg/L)	< 0.100	< 0.100	0.160		0.120	0.160	
Eff: # of samples of NO2-N - Eff (mg/L)	1	1	1	3			