

TOWN OF MATTAWA

2022

WASTEWATER TREATMENT &

COLLECTION SYSTEM

REPORT



Prepared on February 17, 2023.

Mattawa Class 1 Wastewater Lagoon System

The Town of Mattawa owns the Mattawa Lagoon Sewage Treatment Plant and the Mattawa Wastewater Collection System. OCWA operates the Mattawa Lagoon Sewage Treatment Plant, while The Town of Mattawa maintains the Mattawa Wastewater Collection System. The Lagoon is a Class 1 Wastewater Treatment Plant, and sanitary system is a Class 1 Wastewater Collection System. The Lagoon operates under the Ministry of Environment, Conservation and Parks Certificate of Approval number 3-1115-91-926. The works number on file is 110000436.

The Lagoon accepts sanitary discharge from a network of sewer mains and pumping stations within the physical boundary of the Town of Mattawa only. All influent entering the lagoon passes through a magnetic flow meter, after which the flow can be diverted to either the spare maintenance / emergency cell (clay lined), or the primary or secondary lagoon cell depending on requirements.

Both the primary and secondary lagoon cells are plastic lined and aerated, with 80% of the supplied air being discharged into the primary cell. Alum is injected into the control box for phosphorous removal, where flow from cell #1 is sent over to cell #2. This location provides good mixing, and is ideally suited for the system.

Effluent is continually discharged from the final control box at the end of cell #2, where it passes through a chamber of Ultra-Violet lights before finally discharging into the Ottawa River.

Sludge levels in the Cell #1 lagoon checked regularly and there is beginning to be an accumulation of sludge around the intake, which tapers off throughout the lagoon cell. The last full cleaning was completed in 2007, which means that removal may be expected in the upcoming years. 5000 gallons of sludge removed from inlet in 2020, and in future years, by an approved sludge hauler, with a vacuum truck and disposed of at an approved waste management system. Cell #1 sludge levels checked in 2020 while repairing aeration lines. Current levels indicate an average of 3-6 inches throughout the entire cell; however, there is an accumulation of sludge around the intake, which tapers off throughout the cell. No sludge removal completed in 2022.

Mattawa Class 1 Wastewater Collection System (WWCS)

The Mattawa WWCS is comprised of approximately 15 kilometers of sewer mains, 4.4 kilometers of forcemains, and a total of seven (7) sewage lift stations that receive gravity fed sewage and pump raw sewage through the forcemains to the Lagoon system for waste water treatment.

Flow Assessment

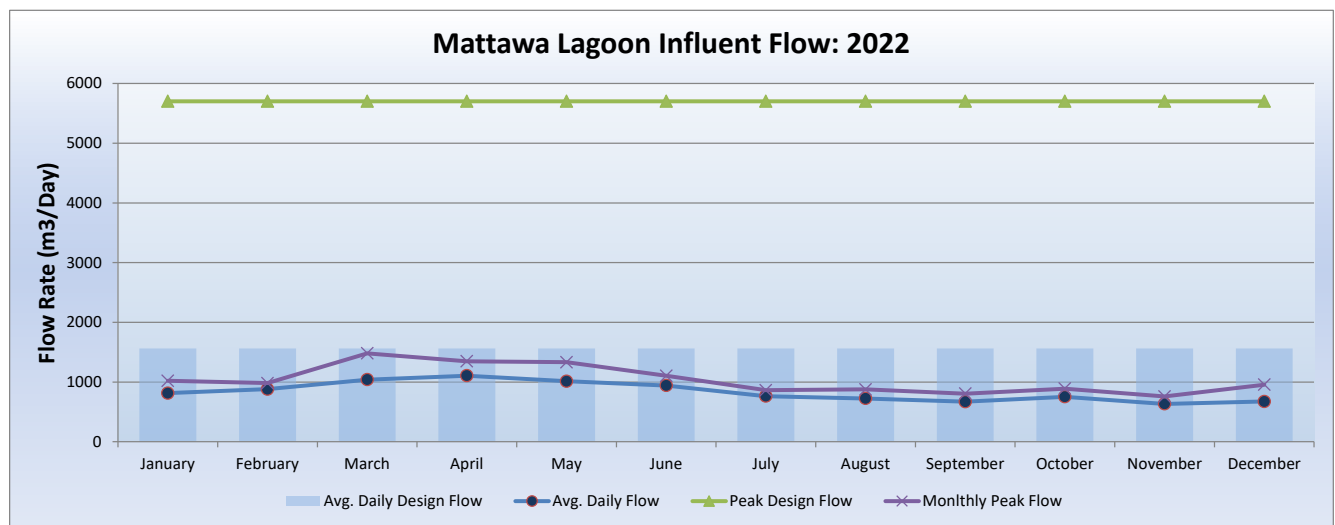
Rated Capacity: = Avg. 1,564 m³ / day with a peak flow of 5,702 m³ / day

Connected Population = Approximately 2,150 people

2022 Avg. Daily Flow = 834.5 m³ / Day

Total Flow for 2022 = 304,592 m³

As the chart below indicates, peak flow single day limit has not been exceeded during 2022, and the average daily flow is well below the average daily design flow. The magnetic flow meter verified on April 29, 2022 by Marsh Instrumentation.



Sampling & Testing Requirements

EFFLUENT PARAMETER	MEASUREMENT FREQUENCY	SAMPLE TYPE
5 day Biochemical Oxygen Demand	Monthly	Composite
Total Suspended Solids	Monthly	Composite
Total Phosphorus	Weekly	Composite
Ammonia (expressed as N)	Weekly	Composite
Total Residual Chlorine*	As Required*	Grab*
Total Kjeldahl Nitrogen	Monthly	Composite
Nitrite + Nitrate	Monthly	Composite
Fecal Coliforms	Monthly	Grab
Fecal Streptococcus	Monthly	Grab

*Effluent is not chlorinated, so there is no requirement to collect Total Residual Chlorine samples.

Annual Monitoring Data Summary & Effluent Quality Control

a. Compliance and Objective Sampling Results:

EFFLUENT PARAMETER	Compliance Limit	Objective Limit	Yearly Average	Single Year Maximum
5 day Biochemical Oxygen Demand	30 mg/L (12-month avg.)	25 mg/L (12-month avg.)	10.1 mg/L	16.4 mg/L (January)
5 day Carbonaceous Biochemical Oxygen Demand	WSER 25 mg/L (12-month avg.)	N/A	8.95 mg/L	14.2 mg/L (March)
Total Suspended Solids	30 mg/L (12-month avg.) WSER 25 mg/L (12-month avg.)	25 mg/L (12-month avg.)	11.4 mg/L	33.3 mg/L (April)
Total Phosphorus	2.5 mg/L (monthly avg.)	2.5 mg/L (monthly avg.)	1.08 mg/L	1.71 mg/L (March) Monthly Average Maximum
Fecal Coliforms	N/A	100 / 100 mL (single sample)	Annual GEO MEAN = 468 cfu/100 mL	8800 cfu / 100 mL (March)

b. Compliance and Objective Loading Calculations:

EFFLUENT PARAMETER	Compliance Limit and considerations	Objective Limit and considerations	Results
5 day Biochemical Oxygen Demand	46.92 Kg/day from 12 month average multiplied by 12 month	39.1 Kg/day from 12 month average multiplied by 12 month	8.45 Kg/day
Suspended Solids	46.92 Kg/day from 12 month average multiplied by 12 month	39.1 Kg/day from 12 month average multiplied by 12 month	9.50 Kg/day
Total Phosphorus	3.91 Kg/day from monthly average multiplied by avg. daily flow for month	3.91 Kg/day from monthly average multiplied by avg. daily flow for month	*0.95 Kg/day (yearly avg.)

*No month in 2022 exceeded the Total Phosphorous loading limit. The average loading for 12 months was 0.95 Kg/day, well below the compliance limit. The maximum month was 1.77 Kg/day. (see *Appendix A—2022 Parameter Average Calculations*).

c. Additional Sampling Results:

EFFLUENT PARAMETER	Range	Units
pH	7.02 – 8.61	N/A
Fecal Strep	0 – 4600	cfu/100 mL
Total Kjeldahl Nitrogen	12.7 – 28.1	mg/L
Nitrite + Nitrate	< 1.0 – 59.8	mg/L
Ammonia	8.89 – 32.4	mg/L

(See *Appendix A* and *Appendix B* for 2022 influent and effluent sample results.)

By-passes and Spills

a. Lagoon: There were no lagoon by-passes/overflows in 2022.

b. Collection System: There were no sewage lift station overflow/spills in 2022.

Community Complaints

There was one community complaint in 2022. Details below.

Sewer backup at 1025 Lily Street. Operator checked manholes on street, both upstream and downstream. No obstruction was observed. Informed resident that blockage must be between house and street. Next step would be to call plumber. The blockage must be in the customers sewer lateral. Source is not an OCWA activity, the blockage must have come from the residence.

Contingency Manual & Procedures

Operators follow the “Operations Brief for Sewage Works Upgrading Manual” that was produced following the sewage works upgrade in 1992. This manual was updated upon OCWA becoming ORO/Operating Authority of the Wastewater Lagoon and Collection System. A Facility Emergency Plan (FEP) binder was produced to provide additional direction; including, standard operating procedures (SOP) and contingencies.

Repairs and Maintenance

a. Lagoon and Control Building

Regular maintenance at the lagoon and control building included monthly generator testing, ensuring automatic power switch-over, blower motor maintenance (changing oils, belts, etc.) and cleaning of the UV lights and discharge chamber. The lights were cleaned quarterly during the spring, summer and fall months, and all bulbs and lamp sleeves were replaced in the fall of 2018. Normal practice is to clean the lamp sleeves monthly during the spring, summer and fall months and replace them every two years or as necessary. Bulbs replaced as they burn out.

The malfunction of the UV system control board that we experienced in August of 2016 continued to plague us well into 2018, despite several onsite visits from H2Flow technicians. After replacing every critical

component in the UV system we finally achieved a proper communication between the UV lamps and the control board located in the Lagoon building. Throughout the problems, the UV lights continued to work as intended, giving us good disinfection of the effluent during the season when users downstream are active. Operators verified the UV lights were operational with visual confirmation while the communications link remained non-functional. Due to aging bulbs, not achieving regular disinfection during July and August 2022, awaiting quote from Trojan on full replacement of bulbs and sleeves. All bulbs and sleeves will be replaced upon receipt of parts.

The main lagoon control box (where all sewage enters the primary lagoon cell) was isolated and cleaned with a vacuum truck, removing all rags and heavy grit. This is an annual practice.

Regular inspections of the berms around the lagoon were conducted, with the roadway around the cells maintained by cutting the grass, removing debris, etc.

Lagoon level control boxes were inspected, and levels were adjusted before winter to account for ice cover.

Blower motor failed following power bump. Suspected rebuild to be required; however, further troubleshooting revealed a burnt and loose wire. Wire repaired and the blower brought back online.

A deer entered the Lagoon, became stuck and damaged the aeration header. Repairs completed.

Health and safety guarding was installed on generators.

Annual generator servicing completed.

Electrical Safety Authority inspection completed at lagoon building on October 7, 2022. One new deficiency noted, and one outstanding deficiency.

b. Lift stations and Collection System

The three year flushing and CCTV inspection program completed during the third year in 2018, providing GPS points of all the sanitary connections to the sewage mains. Last year's report incorrectly reported the cost to be \$60,000 for the three year contract when in fact it is \$90,000. The entire sanitary system has now been flushed and CCTV'd. Manhole repair continued through 2018 with several problematic manhole structure repaired and/or refurbished. Almost all of the footage from the inspections showed the sanitary in good condition, with no major problems except for an old sanitary line that runs in an easement where the new Long Term Care Home (LTCH) is currently being built. This short but critical section of old eight inch asbestos cement sanitary pipe was replaced with the cooperation Hospital management team. Approximately 160 meters of twelve-inch plastic sewer pipe installed at a cost of approximately \$210,000.

Typically, all seven lift stations are pumped down and all debris (grit/rags) are vacuumed out using a vacuum excavator annually. However, due to pandemic, not able to be completed for 2020. All completed in 2022. In 2019, Xylem inspected and serviced impellers/ wear rings on pumps at all seven sewage lift stations. In 2019, all seven lift stations were pumped down and all debris was vacuumed out using a vacuum excavator. Additionally, the lift stations are flushed, as necessary, by operators using high-pressure hoses, and then cleaned by manually removing rags and debris, also as necessary.

Purchase of a portable generator to help run the sewage lift stations that do not have standby

generators. Currently, the electrical connections and panels are not installed. Plans are in place to complete panels and electrical connections upon receiving quotes from contractors. All electrical components required procured and installed where possible.

451 Bissett St Sewage Station pump failure. Requires impellor replacement.

Sewage stations cleaned.

Unplugged 2 sewage lift station pumps.

Annual generator servicing completed.

Refer to *Appendix C* for a 2022 summary of maintenance.

Record Keeping

Operators attend the lagoon and control building typically two-four times per week from Monday to Friday, excluding holidays. Regular observations recorded in the facility Logbook. Xylem sewage lift station inspection findings are saved on OCWA's public drive. Results from these inspections are included in the annual Capital and Major Maintenance Recommendations Report that is provided to the Owner.

A summary of any effluent quality assurance or control measures undertaken during the reporting period;

The effluent parameters specified in the above tables *a, b and c* on page 4: are analyzed by an accredited laboratory.

In-house tests are conducted by licensed Operators for monitoring purposes using Standard Methods and the data generated from these tests is used to determine the treatment efficiency while maintaining process control. All in-house monitoring equipment is calibrated based on the manufactures recommendations.

Conclusion

All effluent sample results were well below compliance **requirements**. All effluent sample results were at, or below the effluent quality **objectives**, with the exception of Fecal Coliforms. Often during the winter months, the effluent quality **objective** for Fecal Coliforms was not always achieved in single sample analysis. The onset of winter and colder temperatures slows the natural biological processes that help the UV disinfection system to control this parameter. Good disinfection is typically achieved during the summer season when recreational activities are expected downstream of the discharge. This year there were higher than normal Fecal Coliforms detected in July and August due to older UV bulbs, which are going to be replaced in 2023. See *Appendix B* for individual sample results.

Regular deliveries of Alum ensure dosage targets are met, and phosphorus levels in the effluent remain below the effluent objectives. Dosage changes are made as necessary based on sample trends.

All indications are that the Mattawa Lagoons provide adequate treatment for the size of the municipality and the raw water parameters.

Certification

I certify that the information in this document and all attachments are correct, accurate and complete to the best of my knowledge.

Joshua Gravelle
Process & Compliance Technician
Ontario Clean Water Agency
705-568-7000

APPENDIX A--2022 Parameter Average Calculations

January-11-22

Days	January	February	March	April	May	June	July	August	September	October	November	December
	31	28	31	30	31	30	31	31	30	31	30	31
Total Flow	25268	24673	32231	33197	31426	28245	23695	22490	20130	23334	19023	20881
Peak Flow	1020.0	983.0	1481.0	1348.0	1333.0	1104.0	864.0	878.0	806.0	890.0	758.0	956.0
M ³ / Day	815.1	881.2	1039.7	1106.6	1013.7	941.5	764.3	725.5	671.0	752.7	634.1	673.6

BOD₅ Treated	16.4	9.3	14.5	12.6	14.3	6.2	8.8	7.8	9.6	8.8	6.4	6.8
BOD₅ Raw	84.6	115.6	95.1	97.6	71.7	78.4	59.2	80.5	183	142	139	211.0
CBOD₅ WSEF Treated	13.7	8.1	14.2	11.9	11.3	6.1	7.1	5	9.3	8.5	5.9	6.3

TSS Treated	11.5	14.7	10.0	33.3	21.4	8.5	18.0	5.8	2.3	2.8	2.3	6.0
TSS Raw	143.0	158.0	138.0	106.0	158.0	191.0	180.0	91.9	455.0	145.0	109.00	209.0
TP Raw	3.03	2.85	2.26	2.44	2.67	3.13	4.10	1.96	3.29	3.11	3.70	3.76
TKN	24.00	20.1	13.1	13.4	28.1	17.9	14.0	21.9	12.70	18.1	17.8	26.4

Nitrate	<RDL	<RDL	49.900	<RDL	<RDL	<RDL	<RDL	0.17	<RDL	<RDL	<RDL	<RDL
Nitrate & Nitrite	<RDL	<RDL	59.800	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL	<RDL
Ammonia	18.00	19.60	19.10	15.90	9.37	12.40	12.80	13.30	15.70	16.20	15.10	19.30
	12.70	16.00	17.70	11.80	9.86	12.00	13.70	14.50	15.40	16.90	14.90	24.50
	19.40	18.10	18.80	11.30	14.50	13.50	11.20	15.40	13.30	15.70	14.30	19.70
	19.60	18.30	11.80	10.50	8.89	11.00	11.10	13.10	12.10	32.40	17.10	19.50
						13.90		14.50			17.40	
Avg Ammonia	17.43	18.00	16.85	12.38	10.66	12.56	12.20	14.16	14.13	20.30	15.76	20.75

Phosp	1.02	1.33	1.58	1.63	1.40	1.52	0.83	1.00	0.46	0.25	1.02	0.89
Weekly	1.18	1.38	1.59	1.79	1.14	1.54	0.95	1.06	0.55	0.24	0.67	1.06
Test	1.23	1.37	1.84	1.17	1.60	1.34	0.79	0.77	0.38	0.23	0.55	1.62
Results	1.32	1.41	1.81	1.27	1.06	1.33	1.04	0.81	0.08	0.25	0.58	2.04
						1.71		0.55			0.65	
Avg Phosp.:	1.19	1.37	1.71	1.47	1.30	1.49	0.90	0.84	0.37	0.24	0.69	1.40
Monthly Phos Loading: Kg/d	0.97	1.21	1.77	1.62	1.32	1.40	0.69	0.61	0.25	0.18	0.44	0.94

Annual BOD₅ Loading:	8.45 Kg/day	Annual Loading Average = 46.92 Kg/d						Total Annual Flow: 304,592.0 M³ Annual Avg Daily flow (M ³ /Day): 834.5 M³/Day BOD ₅ Annual Average: 10.1 mg/L TSS Annual Average: 11.4 mg/L Phosphorous Annual Average: 1.08 mg/L CBOD ₅ Annual Average: 8.95 mg/L					
Annual TSS Loading:	9.50 Kg/day												

NOTES: In September 2018, upgrades were completed to allow for 24 hour flow measurements. Ongoing issues with HMI (lightning strikes) causing inaccurate readings. Values from actual flow meter readings entered for 2022 as they are the most accurate.

Appendix C

Maintenance Summary

Workorder Summary Report

 Report Start Date: Jan 1, 2022 12:00 AM
 Report End Date: Dec 31, 2022 11:59 PM
 Location: 1541*
 Work Order Type: CALL,CAP,CORR,EMER,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
2616270			1541, Mattawa Wastewater System	PM	Inspection	1	YEARS	Daily O&M Activities Wastewater System (1y) 1541	COMP	1/1/22 12:00 AM	1/9/23 06:57 AM	1/9/23 06:57 AM	
2616964	0000328860	ANALYZER SPECTROPHOTOMETI	1541, Mattawa Wastewater System	PM	Inspection	1	YEARS	Analyzer Spectrophotometer (1y) Inspection 1541	COMP	1/1/22 12:00 AM	12/5/22 01:27 PM	12/5/22 01:27 PM	
2616998			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	1/1/22 12:00 AM	4/4/22 10:41 AM	4/4/22 10:41 AM	
2617012			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	1/1/22 12:00 AM	4/4/22 10:41 AM	4/4/22 10:41 AM	
2621831			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	1/1/22 12:00 AM	4/4/22 10:42 AM	4/4/22 10:42 AM	
2622569			1541, Mattawa Wastewater System	PM	Health and Safety	1	YEARS	WHMIS/MSDS/NSF Review and Update (1y) 1541	CLOSE	1/1/22 12:00 AM	7/14/22 10:28 AM	7/14/22 10:28 AM	
2635976			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		False high level alarm at Mattawan P.S.	CLOSE		1/10/22 03:15 AM	1/10/22 10:00 AM	False high level alarm at Mattawan P.S. -Received call for high level at the Mattawan Street pump station. When I arrived on site both pumps were running dry. The high alarm was activated but because it was false it was causing pumps to continuously run. Tried to troubleshoot the issue but concluded that entry must be done in order to further investigation. Operated pumps manually until Josh Dewaal started his shift. Hi Hi float was faulty. Replaced float with new one and watched cycle complete successfully.
2636976	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	1/16/22 12:00 AM	4/4/22 10:42 AM	4/4/22 10:42 AM	
2662977			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	2/1/22 12:00 AM	4/4/22 10:45 AM	4/4/22 10:45 AM	
2662984	0000328891	PUMP PERISTALTIC 01	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Peristaltic 01 Alum Insp/ Service (1y) - 1541	CLOSE	2/1/22 12:00 AM	4/4/22 10:46 AM	4/4/22 10:46 AM	
2663001	0000328892	PUMP PERISTALTIC 02	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Peristaltic 01 Alum Insp/ Service (1y) - 1541	CLOSE	2/1/22 12:00 AM	4/4/22 10:46 AM	4/4/22 10:46 AM	

Workorder Summary Report

 Report Start Date: Jan 1, 2022 12:00 AM
 Report End Date: Dec 31, 2022 11:59 PM
 Location: 1541*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

WO #	Asset ID	Asset Description	Location Description	WorkOrder		PM Schedule		Workorder Details					WorkLog Detail
				Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	
2663018			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	2/1/22 12:00 AM	4/4/22 10:46 AM	4/4/22 10:46 AM	
2666707			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	2/1/22 12:00 AM	4/4/22 10:47 AM	4/4/22 10:47 AM	
2678477	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	2/13/22 12:00 AM	4/4/22 10:47 AM	4/4/22 10:47 AM	
2678480	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	2/13/22 12:00 AM	4/4/22 10:47 AM	4/4/22 10:47 AM	
2678483	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	2/13/22 12:00 AM	4/4/22 10:47 AM	4/4/22 10:47 AM	
2678951	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	2/16/22 12:00 AM	4/4/22 10:47 AM	4/4/22 10:47 AM	
2679953			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1541	CLOSE	2/20/22 12:00 AM	7/14/22 10:29 AM	7/14/22 10:29 AM	
2706662			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	3/1/22 12:00 AM	4/4/22 10:51 AM	4/4/22 10:51 AM	
2706669			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	3/1/22 12:00 AM	4/4/22 10:51 AM	4/4/22 10:51 AM	
2710352			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	3/1/22 12:00 AM	4/4/22 10:51 AM	4/4/22 10:51 AM	
2720970	0000328887	VALVE SLUICE GATE DIVERSION CHAMBER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Sluice Gate Inspection (1y) 1541	COMP	4/1/22 12:00 AM	2/12/23 07:15 PM	2/12/23 07:15 PM	
2724070	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	3/16/22 12:00 AM	4/4/22 10:55 AM	4/4/22 10:55 AM	
2754773	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Fall (6m) 1541	COMP	4/1/22 12:00 AM	12/5/22 10:40 AM	12/5/22 10:40 AM	
2754780	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Spring (6m) 1541	COMP	4/1/22 12:00 AM	2/12/23 07:15 PM	2/12/23 07:15 PM	
2754936			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	4/1/22 12:00 AM	7/14/22 10:38 AM	7/14/22 10:38 AM	
2754943			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	4/1/22 12:00 AM	7/14/22 10:38 AM	7/14/22 10:38 AM	

Workorder Summary Report

 Report Start Date: Jan 1, 2022 12:00 AM
 Report End Date: Dec 31, 2022 11:59 PM
 Location: 1541*
 Work Order Type: CALL,CAP,CORR,EMER,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
2754955	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	4/1/22 12:00 AM	7/15/22 12:53 PM	7/15/22 12:53 PM	- Checked monthly for leaks, while doing safety checks
2754963	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	4/1/22 12:00 AM	7/15/22 12:54 PM	7/15/22 12:54 PM	- Checked monthly for leaks, while doing safety checks, No leaks found
2754971	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	4/1/22 12:00 AM	7/15/22 12:54 PM	7/15/22 12:54 PM	- Checked monthly for leaks, while doing safety checks, No leaks found
2759893			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	4/1/22 12:00 AM	7/14/22 10:30 AM	7/14/22 10:30 AM	
2775247	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	4/16/22 12:00 AM	7/14/22 10:30 AM	7/14/22 10:30 AM	
2777182			1541, Mattawa Wastewater System	CALL	Inspection	0		Sewer backup @ 1025 Lily St	CLOSE		4/22/22 05:45 PM	4/22/22 07:45 PM	Sewer backup @ 1025 Lily St - Received call for possible sewer backup at 1025 Lily Street. Arrived on site and checked 3 manholes in area, both upstream and downstream. Flow was not restricted on any part of the main that was observed. Informed resident that blockage must be between house and street and next step for them would be to call a plumber.
2777738			1541, Mattawa Wastewater System	CORR	Refurbish/ Replace/Repair	0		Alum order Mattawa Lagoons-1541	CLOSE		6/6/22 03:38 PM	6/6/22 03:38 PM	
2802585			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	5/1/22 12:00 AM	7/14/22 10:29 AM	7/14/22 10:29 AM	
2802592			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	5/1/22 12:00 AM	7/14/22 10:31 AM	7/14/22 10:31 AM	
2802603	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:00 PM	7/15/22 01:00 PM	- Wetwell inspections done on a weekly basis, no current issues found
2802612	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:00 PM	7/15/22 01:00 PM	- Wetwell inspections done on a weekly basis, no current issues found

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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
2802621	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:00 PM	7/15/22 01:00 PM	- Wetwell inspections done on a weekly basis, no current issues found
2802631	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:02 PM	7/15/22 01:02 PM	- Wet well inspection is done weekly, No current issues found
2802640	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:03 PM	7/15/22 01:03 PM	- Wet well inspection is done weekly, No current issues found
2802657	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:03 PM	7/15/22 01:03 PM	- Wet well inspection is done weekly, No current issues found
2802666	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	CLOSE	5/1/22 12:00 AM	7/15/22 01:04 PM	7/15/22 01:04 PM	- Wet well inspection is done weekly, No current issues found
2806230			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	5/1/22 12:00 AM	7/14/22 10:31 AM	7/14/22 10:31 AM	
2818142			1541, Mattawa Wastewater System	CAP	Refurbish/ Replace/Repair	0		Mattawa Flygt Pump Repair: 451 Bissett St	CLOSE		5/12/22 10:36 AM	5/12/22 10:36 AM	Flygt Pump Repair - Product Number: 3300.181-5154 88HP Serial Number: 3300.181-9240025 Part No 481 72 22 IMPELLER 467
2818306	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	5/4/22 12:00 AM	7/14/22 10:39 AM	7/14/22 10:39 AM	
2818309	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	5/4/22 12:00 AM	7/14/22 10:39 AM	7/14/22 10:39 AM	
2818312	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	5/4/22 12:00 AM	7/14/22 10:40 AM	7/14/22 10:40 AM	
2821419	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	5/16/22 12:00 AM	7/14/22 10:32 AM	7/14/22 10:32 AM	

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2851554	0000328859	ANALYZER GAS BUMP TEST	1541, Mattawa Wastewater System	PM	Calibration	6	MONTHS	Analyzer Gas C02 (6m) 1541	CLOSE	6/1/22 12:00 AM	7/15/22 01:08 PM	7/15/22 01:08 PM	- Bump to/Calibration as needed prior to use
2851574			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	6/1/22 12:00 AM	7/14/22 10:33 AM	7/14/22 10:33 AM	
2851581			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	6/1/22 12:00 AM	7/14/22 10:32 AM	7/14/22 10:32 AM	
2851592			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Process Lagoon Cells Insp/ Service (1y) - 1541	CLOSE	6/1/22 12:00 AM	7/14/22 10:33 AM	7/14/22 10:33 AM	
2851604	0000328858	TANK STORAGE HOT WATER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Hot Water Insp. (1y) - 1541	CLOSE	6/1/22 12:00 AM	7/14/22 10:34 AM	7/14/22 10:34 AM	
2855595			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	6/1/22 12:00 AM	7/14/22 10:34 AM	7/14/22 10:34 AM	
2870829	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	6/16/22 12:00 AM	7/14/22 10:33 AM	7/14/22 10:33 AM	
2872272			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		Pump fault at 451 Bissette	CLOSE		6/20/22 05:45 PM	6/20/22 08:15 PM	Pump fault at 451 Bissette -Received call from Josh D regarding pump fault at 451 Bissette. Left for site. Pump 2 tripped out on thermal fault. Cleared alarm and put pump back into service. Watched a full cycle, pump 2 ran during normal cycle without issues. Both pumps on auto and left site
2900318			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	7/1/22 12:00 AM	7/14/22 10:36 AM	7/14/22 10:36 AM	
2900325			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	7/1/22 12:00 AM	7/14/22 10:35 AM	7/14/22 10:35 AM	
2904384			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	7/1/22 12:00 AM	7/14/22 10:37 AM	7/14/22 10:37 AM	

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2916798			1541, Mattawa Wastewater System	CALL	Community Complaint	0		Resident with no water issue 550 Rankin St-1517	CLOSE		7/1/22 03:15 PM	7/1/22 04:45 PM	Resident with no water issue 550 Rankin St-1517 - Called by Mattawa answering service for 550 Rankin for no water issue. Called the resident and found that they did not have any water. I informed the resident to check their PRV, to which they were not aware of one, and the water had just stopped. Arrived, inserted the valve wrench into the curb box, there was no indication of a leak on the service. I went in the house with the homeowner and found their PRV, instructed them it may be plugged with rust. They had a garden hose on the town side of the PRV, we checked that and there was lots of water. I informed them to repair thier PRV as that had to be the issue.
2919996	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	7/16/22 12:00 AM	8/28/22 08:44 PM	8/28/22 08:44 PM	
2922868			1541, Mattawa Wastewater System	CALL	Inspection	0		Alarm for Brooke St & Mattawan LS	CLOSE		7/20/22 08:45 PM	7/20/22 10:30 PM	Alarm for Brooke St & Mattawan LS - Received call from truesteel regarding alarms at Brooke & Mattawan lift stations. Attended onsite inspection. Equipment found to be fine. Heavy precipitation probably causing a power bump.
2923213	0000328855	METER FLOW	1541, Mattawa Wastewater System	PM	Calibration	1	YEARS	Meter Flow Calibration (1y) 1541	COMP	7/29/22 12:00 AM	2/8/23 12:40 PM	2/8/23 12:40 PM	Meter Flow Calibration (1y) 1541 - Annual flow meter verification completed by Marsh on April 29, 2022.
2947193			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	8/1/22 12:00 AM	11/13/22 08:11 PM	11/13/22 08:11 PM	

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2947200			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	8/1/22 12:00 AM	11/13/22 08:12 PM	11/13/22 08:12 PM	Health And Safety Inspection (1m) 1541 - Safety inspection completed at time of generator test, checked all first aid kits this month, all still sealed
2950714			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	8/1/22 12:00 AM	11/13/22 08:13 PM	11/13/22 08:13 PM	Pump Submersible Group Inspection (1m) 1541 - Check pumps and wet wells every friday, no current issues
2964722	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	8/14/22 12:00 AM	11/13/22 08:13 PM	11/13/22 08:13 PM	Generator Monthly Test (1m) 1541 - Generator test completed no issues found at time of test
2964725	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	8/14/22 12:00 AM	11/13/22 08:14 PM	11/13/22 08:14 PM	Generator Monthly Test (1m) 1541 - Generator test completed no issues found at time of test
2964728	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	CLOSE	8/14/22 12:00 AM	11/13/22 08:14 PM	11/13/22 08:14 PM	Generator Monthly Test (1m) 1541 - Generator test completed, no issues found at the time of the test
2964762			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1541	CLOSE	8/14/22 12:00 AM	11/13/22 08:16 PM	11/13/22 08:16 PM	TPM Inspection/Maintenance (1m) 1541 - Check pumps, wet wells, panels and stations weekly, no current issues
2965166	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	8/16/22 12:00 AM	8/28/22 08:45 PM	8/28/22 08:45 PM	

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				Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
2969016			1541, Mattawa Wastewater System	CALL	Compliance	0		Mattawa SLS 1101 Bissett AC Power Loss	CLOSE		8/27/22 01:00 PM	8/28/22 08:00 AM	Mattawa SLS 1101 Bissett AC Power Loss - 12:49--Received a call from Curtis Green re: AC power loss for 1101 Bissett St. SLS (Sewage Lift Station) 13:00--Arrived at SLS, power appeared normal. Heavy grease deposits on floats, etc. Rag Basket full of rags. Both pumps in Auto but no pumping. Started both pumps and observed amps, etc. Station pumping down normally. Pumped down station until pumps were exposed. Put both pumps in Auto and called Curtis to give him the details. *Note: Curtis Green arrived on Sunday at approx. 07:40--There is power to station but no power to receptacle feeding the power source to the communication device. Plugged unit into another receptacle and confirmed with Telus alarms that AC failure has been cleared. Performed a float test and system works fine.
2995271			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	CLOSE	9/1/22 12:00 AM	11/13/22 08:27 PM	11/13/22 08:27 PM	
2995278			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	CLOSE	9/1/22 12:00 AM	11/13/22 08:28 PM	11/13/22 08:28 PM	
2999485			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	CLOSE	9/1/22 12:00 AM	11/13/22 08:29 PM	11/13/22 08:29 PM	Pump Submersible Group Inspection (1m) 1541 - Started all pumps in hands, no abnormal vibrations or sounds.
3015271	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	CLOSE	9/16/22 12:00 AM	11/13/22 08:22 PM	11/13/22 08:22 PM	Tank Alum Inspection (1m) - 1541 - Alum tank inspected on a weekly basis, no current issues
3045244	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Fall (6m) 1541	CLOSE	10/1/22 12:00 AM	11/13/22 08:24 PM	11/13/22 08:24 PM	

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3045251	0000328854	UV LIGHT REACTOR SYSTEM	1541, Mattawa Wastewater System	PM	Inspection	6	MONTHS	UV Reactor service Spring (6m) 1541	COMP	10/1/22 12:00 AM	2/12/23 06:35 PM	2/12/23 06:35 PM	
3045398	0000328878	BLOWER CENTRIFUGAL B01 AERATION	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Blower Centrifugal Inspection/ Service (1y) 1541	COMP	10/1/22 12:00 AM	2/12/23 07:11 PM	2/12/23 07:11 PM	Blower Centrifugal Inspection/ Service (1y) 1541 - checked blower no issues found. belt tightness- OK, oil level and clarity - OK
3045411	0000328879	BLOWER CENTRIFUGAL B02 AERATION	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	Blower Centrifugal Inspection/ Service (1y) 1541	COMP	10/1/22 12:00 AM	2/12/23 07:12 PM	2/12/23 07:12 PM	Blower Centrifugal Inspection/ Service (1y) 1541 - checked blower no issues found. belt tightness- OK, oil level and clarity - OK
3045424			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	YEARS	HVAC, Fans, Dehumidifiers, Heaters ,Louvres Route (1y) 1541	COMP	10/1/22 12:00 AM	2/12/23 06:50 PM	2/12/23 06:50 PM	HVAC, Fans, Dehumidifiers, Heaters ,Louvres Route (1y) 1541 - Visual inspection completed for all units within the buildings, no issues observed
3045455			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	10/1/22 12:00 AM	2/12/23 07:02 PM	2/12/23 07:02 PM	
3045462			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	10/1/22 12:00 AM	12/5/22 10:43 AM	12/5/22 10:43 AM	
3049500			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	10/1/22 12:00 AM	2/12/23 07:04 PM	2/12/23 07:04 PM	Pump Submersible Group Inspection (1m) 1541 - Visually checked pumps, switched from hand to manual, no issues seen at this time

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3062303			1541, Mattawa Wastewater System	CALL	Community Complaint	0		Blocked Sewer at 1025 Lily St.	CLOSE		9/23/22 07:00 PM	9/23/22 09:00 PM	Blocked Sewer at 1025 Lily St. - On site at 1025 lily st for blocked sewer. Checked manholes up and down from the address. No visible blockage. Spoke with the home owner and informed them to get a plumber. The home owner had an issue in April, and managed to unblock it. Same issue again. Will follow up next week.
3063151			1541, Mattawa Wastewater System	CAP	Predictive Maintenance	0		Mattawa Sewage Pump Stations: Wet Well Cleaning	CLOSE		10/6/22 10:48 AM	10/6/22 10:48 AM	Wet Well Cleaning - All stations cleaned out with hydrovac.
3065320	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	10/16/22 12:00 AM	2/12/23 06:43 PM	2/12/23 06:43 PM	Tank Alum Inspection (1m) - 1541 - Visual inspection of alum tank completed weekly, no issues found, no leaks found
3090867			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	11/1/22 12:00 AM	2/12/23 07:14 PM	2/12/23 07:14 PM	
3090874			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	11/1/22 12:00 AM	2/12/23 07:09 PM	2/12/23 07:09 PM	Health And Safety Inspection (1m) 1541 - Inspection completed while doing generator checks, no issues found
3094222			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	11/1/22 12:00 AM	2/12/23 07:05 PM	2/12/23 07:05 PM	Pump Submersible Group Inspection (1m) 1541 - Visually checked pumps, switched from hand to manual, no issues seen at this time

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3105546			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		UV alarm for Mattawa lagoon system	CLOSE		11/7/22 03:43 PM	11/7/22 03:43 PM	UV alarm for Mattawa lagoon system - Received an alarm at 0330 for low UV dosage at lagoon site. Arrived on site at 0530, checked UV channel, Lights were operational. Noticed a piece of plastic in the channel. Removed the debris, all ok. Received another alarm at 0730, checked lights again, and they were operational.
3106870	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	11/16/22 12:00 AM	2/12/23 06:42 PM	2/12/23 06:42 PM	Tank Alum Inspection (1m) - 1541 - Visual inspection of alum tank completed weekly, no issues found, no leaks found
3131375	0000328859	ANALYZER GAS BUMP TEST	1541, Mattawa Wastewater System	PM	Calibration	6	MONTHS	Analyzer Gas C02 (6m) 1541	COMP	12/1/22 12:00 AM	2/12/23 07:07 PM	2/12/23 07:07 PM	
3131395			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	12/1/22 12:00 AM	2/12/23 07:07 PM	2/12/23 07:07 PM	- alarm dialer checked at time of generator checks, all ok
3131402			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	12/1/22 12:00 AM	2/12/23 07:10 PM	2/12/23 07:10 PM	Health And Safety Inspection (1m) 1541 - Inspection completed while doing generator checks, no issues found
3131422	0000328828	UPS BATTERY BACKUP 451 BISSETT ST.	1541, Mattawa Wastewater System	PM	Inspection	1	YEARS	Ups Battery Bank Insp/Service (1y) 1541	COMP	12/1/22 12:00 AM	2/12/23 06:54 PM	2/12/23 06:54 PM	
3134716			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	12/1/22 12:00 AM	12/5/22 10:45 AM	12/5/22 10:45 AM	

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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
3148685			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		Sewer Blockage Main St	COMP		12/5/22 09:00 PM	12/22/22 09:17 AM	Sewer Blockage Mainst - Called by town call centre for blocked sewer. Directed call to Curtis. He spoke with the caretaker for 358 main st. Who said there were multiple issues with multiple buildings in main st. Arrived to find the issue with one main floor toilet. Checked the sewer main manholes. All running ok. No issues seen. Directed the caretaker to call a plumber and have the sewer video inspected.
3146999	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	12/13/22 12:00 AM	2/12/23 06:40 PM	2/12/23 06:40 PM	Generator Monthly Test (1m) 1541 - Monthly generator test completed no issues found at this time
3147002	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	12/13/22 12:00 AM	2/12/23 06:41 PM	2/12/23 06:41 PM	Generator Monthly Test (1m) 1541 - Monthly generator test completed no issues found at this time
3147005	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	12/13/22 12:00 AM	2/12/23 06:41 PM	2/12/23 06:41 PM	Generator Monthly Test (1m) 1541 - Monthly generator test completed no issues found at this time
3147025			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 1541	COMP	12/13/22 12:00 AM	2/12/23 06:54 PM	2/12/23 06:54 PM	
3147649	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	12/16/22 12:00 AM	2/12/23 06:42 PM	2/12/23 06:42 PM	Tank Alum Inspection (1m) - 1541 - Visual inspection of alum tank completed weekly, no issues found, no leaks found

Workorder Summary Report

Report Start Date: Jan 1, 2022 12:00 AM
 Report End Date: Dec 31, 2022 11:59 PM
 Location: 1541*
 Work Order Type: CALL,CAP,CORR,EMER,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
3148693			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		1101 Bissett high level alarm	COMP		12/20/22 07:30 PM	12/20/22 09:45 PM	1101 Bissett high level alarm - Received call for high alarm at 1101 Bissett lift station. Arrived on site to find pumps in overload fault. Reset pumps and pumped down station to bottom. Both pumps were reading 12-13 amps, sometimes go above 15 and fault again. After reset it would work fine again. Partial plug most likely. Lift station pumped to the bottom for the night and will access situation in morning.