

Gore Bay Lagoons

Annual Operating Report

*ECA 8356-5PSQFN
Issued September 12, 2003*

January 1, 2018 – December 31, 2018

Prepared by the Ontario Clean Water Agency
For The Corporation of the Town of Gore Bay



Ontario Clean Water Agency
Agence Ontarienne Des Eaux



SECTION 1: INTRODUCTION

The Ontario Clean Water Agency (OCWA) acts as the operating authority for the Gore Bay wastewater treatment. This document is prepared by OCWA in accordance with Environmental Compliance Approval (ECA) # 8356-5PSQFN. The report is required to include the following information:

- (a) A summary of all monitoring data, including an overview of the success and adequacy of the works;
- (b) A description of any operating problems encountered and corrective actions taken;
- (c) A summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the works;
- (d) A description of efforts made and results achieved in meeting the effluent objectives of condition no. 6;
- (e) A summary of any complaints received during the reporting period and any steps taken to address the complaints;
- (f) A summary of all by-pass, spill or abnormal discharge events

SECTION 2: Description of Facility

Capacity of Facility:	681.4 m ³ /d
Service Area:	Town of Gore Bay
Service Population:	
Effluent Receiver:	Gore Bay
Major Process:	Facultative Lagoons – 2 cells
Facility Classification:	Wastewater Treatment Class 1
Collection Classification:	

SECTION 3: Executive Summary

The spring seasonal discharge was completed between **May 14** and **June 6** and consisted of a total volume of **77,658 m³**. The east cell was discharged from **May 14** to **May 31** and the west cell was discharged from **May 14** to **June 6**.

Sampling parameters were **not exceeded** during the spring discharge.

The autumn seasonal discharge was completed between **Nov 1** and **Nov 13** and consisted of a total volume of **35,132 m³**. The east cell was discharged from **Nov 9** to **Nov 13** and the west cell was discharged from **Nov 1** to **Nov 9**.

Sampling parameters were **not exceeded** during the autumn discharge.

The total effluent discharge from the lagoons for the year was **112,790 m³**.

The total raw sewage flow into the lagoons for the year was calculated to be **261,864.4 m³**.



SECTION 4: Process Data

The facility operator collects grab samples of raw sewage and sends them to an accredited laboratory for analysis. Raw flows are calculated using a flow meter.

Raw (Influent) Sampling					
Parameter	Frequency	Method	Results		
			Min	Avg	Max
CBOD ₅ (mg/L)	Monthly	Grab – External Analysis (Lab)	71	148.9	345
TSS (mg/L)	Monthly	Grab – External Analysis (Lab)	110	241.6	593
TP (mg/L)	Monthly	Grab – External Analysis (Lab)	0.31	2.52	5.70
Flow (m ³ /d)	Daily	Flow Meter	267.7	717.44	2,000

The facility operator collects effluent samples and sends them to an accredited laboratory for analysis twice a week during drawdown. Effluent volumes are estimated by measuring drawdown levels and total volume of cell.

Treated (Effluent) Sampling		
Parameter	Frequency	Method
CBOD ₅	Twice a Week During Discharge	Grab – External Analysis (Lab)
TSS	Twice a Week During Discharge	Grab – External Analysis (Lab)
TP	Twice a Week During Discharge	Grab – External Analysis (Lab)
TAN	Twice a Week During Discharge	Grab – External Analysis (Lab)
TKN	Twice a Week During Discharge	Grab – External Analysis (Lab)
Nitrate	Twice a Week During Discharge	Grab – External Analysis (Lab)
Nitrite	Twice a Week During Discharge	Grab – External Analysis (Lab)
<i>E.coli</i>	Twice a Week During Discharge	Grab – External Analysis (Lab)
Flow	Daily during discharge	Estimate based on level measurements

Compliance limits are based on seasonal discharges for effluent concentrations and effluent loadings. Values are calculated by combining east and west cell results for each discharge period. In addition, the discharge shall not contain oil or other substance in amounts sufficient to create a visible film and shall be essentially free of floating and settleable solids.



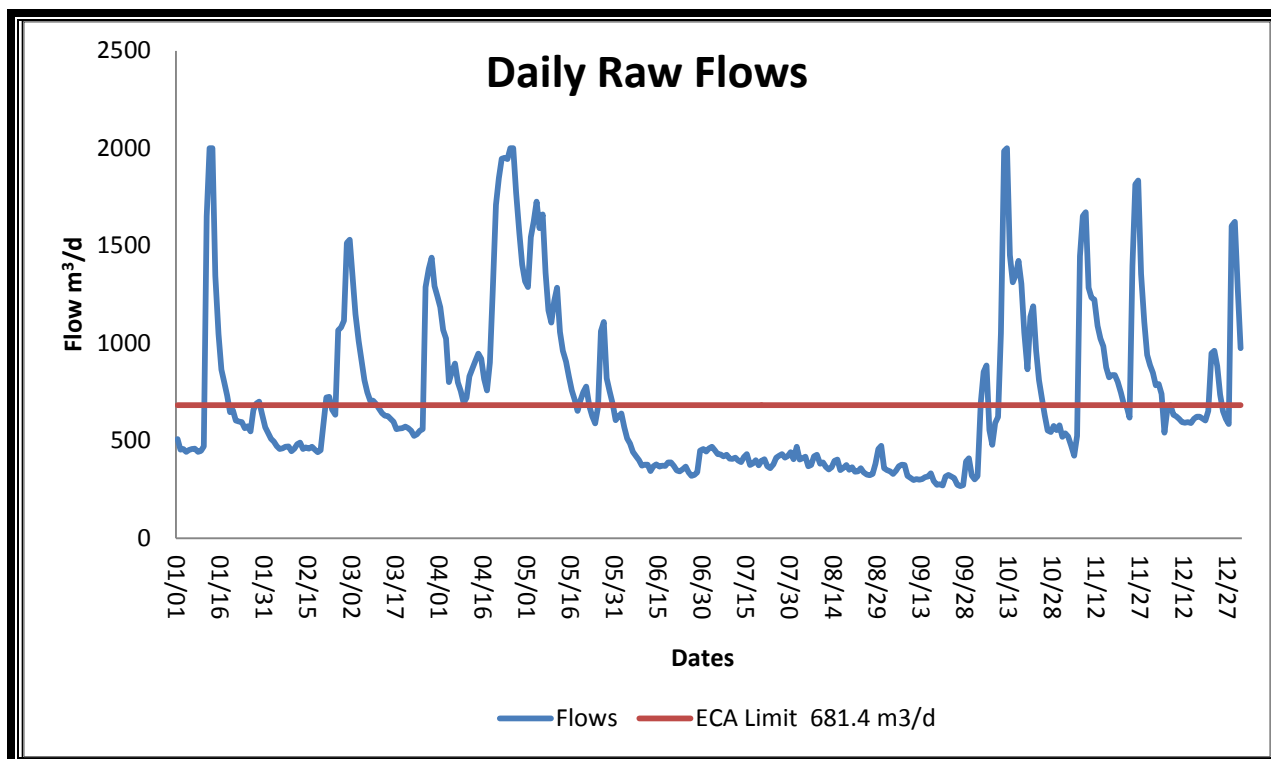
Treated (Effluent Discharge) Sampling								
Parameter	Spring Discharge			Autumn Discharge			Concentration Compliance	Objective
	Min	Avg	Max	Min	Avg	Max (mg/L)		
CBOD ₅ (mg/L)	5.0	10.7	16	<4	5.0	5.0	30 mg/L	25 mg/L
TSS (mg/L)	3.0	21.6	73.0	8.0	13.5	20.0	40 mg/L	30 mg/L
TP (mg/L)	0.04	0.12	0.24	0.15	0.19	0.28	1.0 mg/L	1.0 mg/L
TAN (mg/L)	0.30	1.69	3.90	0.40	0.70	0.90	N/A	N/A
TKN (mg/L)	1.70	3.48	9.90	<0.50	1.30	1.70	N/A	N/A
Nitrite (mg/L)	0.130	0.229	0.400	0.100	0.205	0.270	N/A	N/A
Nitrate (mg/L)	0.070	0.607	1.200	1.130	2.003	2.320	N/A	N/A
* <i>E.coli</i> (CFU/100mL)	2	52	1,060	86	844	3,600	N/A	N/A
pH	6.73	7.44	8.78	7.71	7.97	8.27	N/A	6.0-9.5 at all times

* *E.coli* average is calculated as a geometric mean

Only those monitoring results collected during the corresponding time period shall be used in calculating the seasonal average concentration

The raw and effluent parameters specified in the above table are analyzed by SGS Lakefield Research, an accredited laboratory located in Lakefield, Ontario.

Flow Volumes				
Month	Total Volume (m ³)	Avg Daily Flow (m ³ /d)	Peak Daily Flow (m ³ /d)	Discharge Volumes (m ³)
January	2,063.9	744	2,000	
February	17,052.2	609.01	1,513.9	
March	25,550.5	824.21	1,531.3	
April	36,477.7	1,215.92	2,000	
May	31,278.6	1,008.99	1,726	77,658
June	12,205.7	406.86	639.4	
July	12,782.1	412.33	468.1	
August	11,768.9	379.64	473.6	
September	9,600.4	320.01	409.8	
October	27,862.5	898.79	2,000	
November	30,331.6	1,011.05	1,834	35,132
December	23,890.3	770.65	1,622.5	
Total	261,864.4			112,790
Average		717.44		
Maximum			2,000	



Year	Total Raw Sewage Flow m ³ /d	Avg Day Sewage Flow m ³ /d	Max Day Sewage Flow m ³ /d	Avg Day % of Rated Capacity 681.4 m ³ /d
2018	261,864.4	717.44	2,000	105.2%
2017	310,749	851.37	2,000	124.9%
2016	221,067	616	2,000	90%
2015	306,887	881	2,739	129%

The annual average flows measured into the sewage lagoon did not exceed the specified rated capacity of the facility.

The average raw daily sewage flows (717.44 m³/d) were approximately 105.2% of the rated capacity. The highest recorded peak flow occurred in **January, April and October** with a peak rate of 2,000 m³/d and was approximately 293.51% of the rated capacity. The total raw sewage flow into the lagoons for the year was calculated to be 261,864.4 m³. Peak flows observed throughout winter months are attributed to residents who run their water taps to ensure their pipes do not freeze during cold weather. In April, it is believed the spring freshet is responsible for the higher than normal flows. The Municipality has introduced a bylaw to prevent residents from directing sump pump and eves trough flows to the sanitary sewer. The Operator and PCT's are looking into the correlation between the Water Treatment Plant distribution flows and the raw sewage flows.

Seasonal discharges took place during spring and autumn.



The spring seasonal discharge was completed between **May 14** and **June 6** over a period of 24 days and consisted of a total volume of **77,658 m³**. The east cell was discharged from **May 14** to **May 31** over a period of only 18 days. The west cell was discharged from **May 14** to **June 6** over a period of 24 days.

The autumn seasonal discharge was completed between **Nov 1** and **Nov 13** over a period of 13 days and consisted of a total volume of **35,132 m³**. The east cell was discharged from **Nov 9** to **Nov 13** over a period of 5 days only. The west cell was discharged from **Nov 1** to **Nov 9** over a period of only 9 days.

All compliance limits were met during both discharges. The operator did not observe a visible film, sheen, foam or discolouration on the receiving waters nor did he notice floating or settleable solids while the lagoon was discharging.

A total volume of **112,790 m³** was discharged in **2018**.

In an effort to meet the effluent objectives, the lagoon can be treated with Ferric Sulphate prior to discharge. Treatments occurred during the autumn discharge to lower TP levels after reviewing sampling results collected by the operator. Treatments were not required during the spring discharge.

Based on the above monitoring program and sampling records, the sewage works provided adequate treatment within the required average daily flows while providing a quality effluent.

Refer to **Appendix A** for the seasonal lagoon discharge reports.

SECTION 5: Facility Upsets & Non Compliances

There were no spills, bypasses or major issues experienced in 2018

SECTION 6: Maintenance

Plant maintenance is monitored using a Work Management System (WMS). Maintenance reports are attached as **Appendix B**. There was no major maintenance for 2018.

SECTION 7: Complaints

There were no community complaints in the **2018** reporting period.



Appendix A

Seasonal Lagoon Discharge Reports

Release Report for the Gore Bay Lagoons

ORG# 5598
DWS # 110002513

Spring

2018

Cell Contents (Prior to Treatment)

	Date of Sample	CBOD ₅	TP	TSS
		mg/L	mg/L	mg/L
East Cell	02-May-18	38	0.48	27
West Cell	02-May-18	23	0.29	14

Cell Contents (Prior to Treatment)

	Date of Sample	CBOD	TP	TSS
		mg/L	mg/L	mg/L
East Cell				
West Cell				

East Cell	Date of Sample	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
		mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	CFU/100mL
Sample 1	14-May-18	13.0	0.24	73.00	6.83	1.20	0.400	0.640	2.50	30
Sample 2	17-May-18	15.0	0.16	17.00	6.87	0.60	0.340	0.790	1.70	440
Sample 3	22-May-18	14.0	0.11	14.00	8.78	0.90	0.170	0.070	1.90	
Sample 4	24-May-18	12.0	0.17	15.00	8.45	0.60	0.150	0.120	1.90	
Sample 5	28-May-18	16	0.21	3.00	6.81	0.30	0.130	0.330	1.90	20
Sample 6										

West Cell	Date of Sample	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
		mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	CFU/100mL
Sample 1		7.0	0.11	11.00	6.73	3.90	0.190	0.290	5.10	36
Sample 2	14-May-18	6.0	0.07	15.00	6.87	3.50	0.170	0.430	4.40	1060
Sample 3	17-May-18	13.0	0.06	47.00	8.00	2.30	0.210	1.040	9.90	
Sample 4	22-May-18	5.0	0.04	15.00	8.24	2.00	0.250	1.200	2.80	
Sample 5	24-May-18	6.0	0.07	6.00	6.81	1.60	0.280	1.160	2.70	2
Sample 6	28-May-18									
Sample 7										

	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
East cell average concentration	14.0	0.18	24.4	7.55	0.72	0.238	0.390	1.98	64
West cell average concentration	7.4	0.07	18.8	7.33	2.66	0.220	0.824	4.98	42
Seasonal average concentration	10.7	0.12	21.6	7.44	1.69	0.229	0.607	3.48	52
Compliance limits as per ECA	30 mg/L	1.0 mg/L	40 mg/L						
Compliance limits as per WSER	25 mg/L		25 mg/L						

Notes: Compliance is based on seasonal average concentrations
 Two cell seasonal retention lagoon
 East cell: 36,423 m² X 1.5 m depth = 55,362 m³
 west cell: 36,423 m² X 1.5 m depth = 55,362 m³

 WSER requirements: CBOD₅ is tested at least 1 time per discharge (or bi-weekly is discharge > 30 days)
 WSER requirements: CBOD₅ = Annual average of 25 mg/L

East Cell

Date Release Started:	14-May-18
Date Release Stopped:	31-May-18
# Discharge Days:	18

Amount of Chemical Used (IMPG):	0
Volume of Discharge (m ³):	33,282

West Cell

Date Release Started:	14-May-18
Date Release Stopped:	06-Jun-18
# Discharge Days:	24

Amount of Chemical Used (IMPG):	0
Volume of Discharge (m ³):	44,376

Total # of Discharge Days	24
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Total Discharge Volume (m ³):	77,658
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Release Report for the Gore Bay Lagoons

ORG# 5598
DWS # 110002513

Fall

2018

Cell Contents (Prior to Treatment)

	Date of Sample	CBOD ₅	TP	TSS
		mg/L	mg/L	mg/L
East Cell	04-Oct-18	9	2.32	23
West Cell	04-Oct-18	<4	1.56	6

Cell Contents (Prior to Treatment)

	Date of Sample	CBOD	TP	TSS
		mg/L	mg/L	mg/L
East Cell				
West Cell				

East Cell	Date of Sample	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
		mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	CFU/100mL
Sample 1	13-Nov-18	5.0	0.15	20.00	8.27	0.40	0.100	1.130	1.70	86
Sample 2										
Sample 3										
Sample 4										
Sample 5										
Sample 6										

West Cell	Date of Sample	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
		mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	CFU/100mL
Sample 1	01-Nov-18	<4	0.28	13.00	8.04	0.90	0.270	2.320	<0.5	3600
Sample 2	05-Nov-18	<4	0.16	8.00	7.71	0.70	0.240	2.290	0.50	1240
Sample 3	07-Nov-18	5.0	0.16	13.00	7.85	0.80	0.210	2.270	1.70	1320
Sample 4										
Sample 5										
Sample 6										
Sample 7										

	CBOD ₅	TP	TSS	pH	TAN	NO ₂	NO ₃	TKN	E.coli
East cell average concentration	5.0	0.15	20.0	8.27	0.40	0.100	1.130	1.70	86
West cell average concentration	5.0	0.20	11.3	7.87	0.80	0.240	2.293	1.10	1806
Seasonal average concentration	5.0	0.19	13.5	7.97	0.70	0.205	2.003	1.30	844
Compliance limits as per ECA	30 mg/L	1.0 mg/L	40 mg/L						
Compliance limits as per WSER	25 mg/L		25 mg/L						

Notes: Compliance is based on seasonal average concentrations
 Two cell seasonal retention lagoon
 East cell: 36,423 m² X 1.5 m depth = 55,362 m³
 west cell: 36,423 m² X 1.5 m depth = 55,362 m³

WSER requirements: CBOD₅ is tested at least 1 time per discharge (or bi-weekly is discharge > 30 days)
 WSER requirements: CBOD₅ = Annual average of 25 mg/L

East Cell

Date Release Started:	09-Nov-18
Date Release Stopped:	13-Nov-18
# Discharge Days:	5

Amount of Chemical Used (IMPG):	1900
Volume of Discharge (m ³):	13,044

West Cell

Date Release Started:	01-Nov-18
Date Release Stopped:	09-Nov-18
# Discharge Days:	9

Amount of Chemical Used (IMPG):	1000
Volume of Discharge (m ³):	22,088

Total # of Discharge Days	13
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Total Discharge Volume (m ³):	35,132
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Appendix B

Plant Maintenance

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
760998			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	5/1/18 12:00 AM	5/3/18 11:48 AM	5/3/18 11:48 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.Waalk thru the plant an all ok
720726			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	4/1/18 12:00 AM	4/6/18 08:06 AM	4/6/18 08:06 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.Ho safety issues.Move snow an ice which should be done soon.
879094			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	8/1/18 12:00 AM	8/10/18 02:16 PM	8/10/18 02:16 PM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598No issues on this matter.Spill kit,eye protection there
604162			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:41 AM	1/4/18 09:41 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598Ongoing snow removal no other safety issues
604302			5598, Gore Bay WWTL & CS	OPER	Health and Safety	1	YEARS	WHMIS/MSDS/NSF Review And Update (1y) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:45 AM	1/4/18 09:45 AM	WHMIS/MSDS/NSF Review And Update (1y) 5598 -WHMIS/MSDS/NSF Review And Update (1y) 5598.Only a fuel msds is on site.No other chemicals store there.Used oil is removed as it is drained.
959399			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:35 AM	10/29/18 08:35 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598No issues for safety issues.Shovel ready at the door
1034238			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	12/1/18 12:00 AM	12/5/18 01:32 PM	12/5/18 01:32 PM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.sAND AN SHOVEL READY AN NO ISSUES OTHER THEN WEATHER THS MONTH

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
681437			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	3/1/18 12:00 AM	3/5/18 03:38 PM	3/5/18 03:38 PM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.keep the snow an ice clear.All ok an no safety issues.
645551			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	2/1/18 12:00 AM	2/1/18 03:38 PM	2/1/18 03:38 PM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598 Snow an ice removal this month.Ongoing an all ok
840820			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	7/1/18 12:00 AM	7/6/18 08:42 AM	7/6/18 08:42 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.All ok an no issues.Keep grass cut
916890			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:14 AM	9/6/18 11:14 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.No safety issues this month.Ear protection an latex gloves on site.
799721			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	YEARS	Fire Protection System Inspection (1y) 5598	CLOSE	6/1/18 12:00 AM	8/10/18 02:10 PM	8/10/18 02:10 PM	Fire Protection System Inspection (1y) 5598 -Fire Protection System Inspection (1y) 5598.Check the unit.All ok.shake in a inverted manner.
799855			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	6/1/18 12:00 AM	6/6/18 09:14 AM	6/6/18 09:14 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.No issues ,a light ballast is failed.May just get rid of the style an put a simple screw in bulb up.LED.Cheaper an better life.
959464			5598, Gore Bay WWTL & CS	OPER	Health and Safety	1	YEARS	JHSC Inspection (1y) 5598	APPR	10/1/18 12:00 AM			
998244			5598, Gore Bay WWTL & CS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5598	CLOSE	11/1/18 12:00 AM	11/7/18 08:52 AM	11/7/18 08:52 AM	Health And Safety Inspection (1m) 5598 -Health And Safety Inspection (1m) 5598.No issues this month.Ready for winter

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
742157			5598, Gore Bay WWTL & CS, Facility, Power Distribution	CALL	Compliance	0		5598 Gore Bay WWTP Pumphouse Power Outage	CLOSE		4/15/18 06:30 PM	4/16/18 03:00 AM	Apr 16 Power Outage High Level - • Switching back to gird power caused high level for the facility. Pump #1 soft start tripped. reset soft start on 2 separate occasions and waited til facility pumped down. Verified no bypass had occurred.
769917			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	5/1/18 12:00 AM	5/3/18 11:50 AM	5/3/18 11:50 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.Confirm an add coments
730114			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	4/1/18 12:00 AM	5/3/18 11:46 AM	5/3/18 11:46 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.Confirm data n add coments.OK
689853			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	3/1/18 12:00 AM	3/5/18 03:39 PM	3/5/18 03:39 PM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.Confirm data an make notes or corrections as require.
652658			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	2/1/18 12:00 AM	2/6/18 09:53 AM	2/6/18 09:53 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598 confirm data an make any corrections as equired an add notes.
612549			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:46 AM	1/4/18 09:46 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598All data is confirmed an corrections if required.
1042565			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	12/1/18 12:00 AM	12/5/18 01:35 PM	12/5/18 01:35 PM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.DATA CONFIRMATION AN COMENTS AS REQUIRED
1005781			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	11/1/18 12:00 AM	11/30/18 08:35 AM	11/30/18 08:35 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598 Data in an confirm
968951			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:36 AM	10/29/18 08:36 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598confirm the uploads.ok

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
925748			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:17 AM	9/6/18 11:17 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.All ok data in place
849319			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	7/1/18 12:00 AM	7/6/18 08:43 AM	7/6/18 08:43 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.Data in good condition
886969			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	8/1/18 12:00 AM	8/10/18 02:17 PM	8/10/18 02:17 PM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.All ok confirm in system
809342			5598, Gore Bay WWTL & CS	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5598	CLOSE	6/1/18 12:00 AM	6/6/18 09:16 AM	6/6/18 09:16 AM	WISKI Review (1m) 5598 -WISKI Review (1m) 5598.Go thru each month.All ok lagoons are still being discharged.Should be done by June 9
626391			5598, Gore Bay WWTL & CS	CALL	Compliance	0		5598 Gore Bay WWTP Pumphouse High Level Alarm	CLOSE		1/5/18 10:30 PM	1/6/18 12:30 AM	Jan 5 Gore Bay WWTP High Level - <ul style="list-style-type: none"> Called for high level alarm. Arrived on site with no pumps running. Reset soft starts and then reset the overloads. Pumps started right away and pumped down the level with no issues.
627585			5598, Gore Bay WWTL & CS	CALL	Compliance	0		5598 Gore Bay SPS High Level Alarm	CLOSE		1/11/18 05:40 PM	1/11/18 09:30 PM	Jan 11 Gore Bay SPS High Level Alarm - <ul style="list-style-type: none"> Called for high level alarm caused by rain and runoff. Level was around 14 on the milltronics with both pumps running and holding somewhat stable. Checked bypass chamber, all ok. Continued to monitor the station remotely throughout the night.

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
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 Location: 5598*
 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
859908			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System high level	CLOSE		6/30/18 07:30 PM	6/30/18 08:45 PM	Gore Bay Wastewater Treatment Lagoon & Collection System high level - Gore Bay Wastewater Treatment Lagoon & Collection System high level Both pumps off power down and reset soft starts
859914			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System high level	CLOSE		7/1/18 07:30 PM	7/1/18 09:00 PM	Gore Bay Wastewater Treatment Lagoon & Collection System high level - Gore Bay Wastewater Treatment Lagoon & Collection System high level pumps of f again power down and reset
860130			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System communication failure	CLOSE		7/5/18 05:00 PM	7/5/18 06:45 PM	Gore Bay Wastewater Treatment Lagoon & Collection System communication failure - Gore Bay Wastewater Treatment Lagoon & Collection System communication failure paged by TS for a dialer communication fail shut off pumps to send high level test alarm all good with communications
862233			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble	CLOSE		7/21/18 08:00 PM	7/21/18 09:15 PM	Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble - Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble power down TS pod and got it functional agian

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
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 Location: 5598*
 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
862331			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble	CLOSE		7/23/18 06:00 PM	7/23/18 07:30 PM	Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble - Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble power down to reset inform operator of issue
863568			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		Gore Bay Wastewater Treatment Lagoon & Collection System high sps	CLOSE		7/27/18 10:00 PM	7/27/18 11:30 PM	Gore Bay Wastewater Treatment Lagoon & Collection System high sps - Gore Bay Wastewater Treatment Lagoon & Collection System high sps bot h pumps not running reset mcc and start pumps possibly dirty hydro causing this issue
820932			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Compliance	0		5598 Gore Bay WW High Level Alarm	CLOSE		6/1/18 07:15 PM	6/1/18 09:00 PM	Gore Bay Wastewater Treatment Lagoon & Collection System - Gore Bay Wastewater Treatment Lagoon & Collection System High level alarm Both pumps off. reset overloads and lower wet well level
720435			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	4/1/18 12:00 AM	4/6/18 08:01 AM	4/6/18 08:01 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant in good working order.the wet well needs to be cleaned out.Fence taken down an vac truck backed in an get the gravel,grit out.I can hear it rolling around in the pipes after the pumps.Will wear the metal thru someday.

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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
1034027			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	12/1/18 12:00 AM	12/5/18 01:26 PM	12/5/18 01:26 PM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.pLAANT IN GOOD WORKING ORDER.1 LIGHT OUT AN WILL REPLACE.pUMPS OK
878883			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	8/1/18 12:00 AM	8/10/18 02:13 PM	8/10/18 02:13 PM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant has a pump tripping out issue.It is a hydro one supply issue.Nortech power an control is working on a solution to this.Bruce Dixon feels it can have a delay placed into the soft starts.
760707			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	5/1/18 12:00 AM	5/3/18 11:47 AM	5/3/18 11:47 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.All ok.A flat roof company in town an I asked for a quote on the roof.Waiting to hear back
959188			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:33 AM	10/29/18 08:33 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant in good condition.Heat on a wee bit.Pumps flow is ok all ok
916679			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:11 AM	9/6/18 11:11 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Check the plant an all ok.Have asked the town about vac truck out the well.I would like to see that done.Has not been since I have worked here.Fence would have to come down to do so.

Workorder Summary Report

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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
840609			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	7/1/18 12:00 AM	7/6/18 08:41 AM	7/6/18 08:41 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598only issue is the pumps are tripping on occasion an several times.We feel its power from the grid with the electronic drives taking the pumps out.A simple reset on the panel an all ok.Power monitor may be installed for a 2 month period to see if Hydro one can make any changes.Though not a likely senior that hydro one would do anything.
645260			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	2/1/18 12:00 AM	2/1/18 03:37 PM	2/1/18 03:37 PM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598 Plant in good working order.Tough to heat with the generator duct flaps.Lots of cold air.Maybe look for green energy rebates an upgrade the louvers to a insulated style.
603668			5598, Gore Bay WWTL & CS	OPER	Inspection	1	YEARS	Daily O&M Activities (1y) 5598	COMP	1/1/18 12:00 AM	1/22/19 01:26 PM	1/22/19 01:26 PM	Feb 8 Troubleshooting Latched Spare Alarm - • Worked with operator to determine cause of latched spare alarm Oct 24 Lagoon Treatment - • Worked with operator to help with 2 cell lagoon treatment with Ferric Sulphate.
603865			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:30 AM	1/4/18 09:30 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant is in good working order. Heat is on . Roof in good condition.Pumps ok.Wet well should be cleaned with a vac truck.

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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
681136			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	3/1/18 12:00 AM	3/5/18 03:37 PM	3/5/18 03:37 PM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant in good condition.Roof ok the cold air gets in an the heater on quite a bit due to the louvers.A capital up grade someday to insulated style would be a good update
681276			5598, Gore Bay WWTL & CS	PM	Inspection	1	YEARS	Electrical Equipment Inspection/ Service (1y) 5598	APPR	3/1/18 12:00 AM			
997932	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	11/1/18 12:00 AM	11/7/18 08:56 AM	11/7/18 08:56 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Confirm True Steel an ping there.Test an all in working condition.We did have another bell line issue in past few months which wa not the 1st.They are on the last set of wires.Bell will have to supply new cable in the next communication event
799570	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	6/1/18 12:00 AM	6/6/18 09:23 AM	6/6/18 09:23 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Alarms working.Pumps have required to be reset several times over the past 2 months.OCWA electrician is looking at solution.Power from the grid may be the issue he states.
840538	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	7/1/18 12:00 AM	7/6/18 08:46 AM	7/6/18 08:46 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Working well.tested an True Steel responding.OK
916608	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:09 AM	9/6/18 11:09 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Confirm the ping with true steel.OK

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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
959117	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:38 AM	10/29/18 08:38 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598Confirm the ping from True Steel an ok
878812	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	8/1/18 12:00 AM	8/10/18 02:11 PM	8/10/18 02:11 PM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Flip switches off an cause a high level.OKBell also checked lines this month.Was a True Steel issue earlier.All ok now
681065	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	3/1/18 12:00 AM	3/5/18 03:42 PM	3/5/18 03:42 PM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.Confirm with true steel an all pings an alarms are being received an called out.OK
645189	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	2/1/18 12:00 AM	2/1/18 03:35 PM	2/1/18 03:35 PM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598Pull the flood float in basement.OK call true steel an all ok.Arm/disarm unit for a reset.
1033956	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	12/1/18 12:00 AM	12/5/18 01:39 PM	12/5/18 01:39 PM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.CONFIRM THE PING WITH tRUE sEEL ALL OK
603782	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:48 AM	1/4/18 09:48 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598High llevel alarm tested an all ok.Sump also
760636	0000142220	PANEL ALARM/DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	5/1/18 12:00 AM	6/6/18 09:20 AM	6/6/18 09:20 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598

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 Location: 5598*
 Work Order Type: CALL,CAP,CORR,EMER,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
720364	0000142220	PANEL ALARM/ DIALER GROUND FLOOR BY MCC	5598, Gore Bay WWTL & CS, Process, Process Controls	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5598	CLOSE	4/1/18 12:00 AM	5/3/18 11:52 AM	5/3/18 11:52 AM	Critical Alarm/Dialer Testing (1m) 5598 -Critical Alarm/Dialer Testing (1m) 5598.High level alarm working well.
799641			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	6/1/18 12:00 AM	6/11/18 01:23 PM	6/11/18 01:23 PM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant alright.Pumps have had some tripping issues.OCWa electrician has inspected an feels a a hydro supply issue.
998030			5598, Gore Bay WWTL & CS	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5598	CLOSE	11/1/18 12:00 AM	11/7/18 08:49 AM	11/7/18 08:49 AM	TPM Inspection/Maintenance (1m) 5598 -TPM Inspection/Maintenance (1m) 5598.Plant in good condition.Some geat on in the building. , discharging the lagoons now.They were treated with Ferric to reduce phosphorous before the release.
998094	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	11/1/18 12:00 AM	11/7/18 08:53 AM	11/7/18 08:53 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598 operate the small unit an works very well.A really strong good running unit.I like it more then others across the Manitoulin.
799705	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	6/1/18 12:00 AM	6/6/18 09:19 AM	6/6/18 09:19 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Operate an check fluids.All ok.Fuel level ok.Very good unit an will last for many years
840673	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	7/1/18 12:00 AM	7/6/18 08:44 AM	7/6/18 08:44 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Unit operated an in very good working orde/All ok

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
916743	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:12 AM	9/6/18 11:12 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Operate for 45 mins. all in good order . internal heater on for the upcoming cold months
959252	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:37 AM	10/29/18 08:37 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Unit test before power outage an during all ok
681220	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	3/1/18 12:00 AM	3/5/18 03:40 PM	3/5/18 03:40 PM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Operate for 45 mins an all ok.Unit is very strong an great quality.
811259	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	YEARS	Diesel Generator Inspection/ Functional Test (1y) 5598	CLOSE	6/1/18 12:00 AM	6/11/18 01:25 PM	6/11/18 01:25 PM	Diesel Generator Inspection/ Functional Test (1y) 5598 -Diesel Generator Inspection/ Functional Test (1y) 5598,Unit tested an ok.No issues an strong machinei
645344	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	2/1/18 12:00 AM	2/1/18 03:33 PM	2/1/18 03:33 PM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598 Run the unit for a hour this morning.All fluids an battery ok.Unit is very strong an really good on fuel.Good choice of brand with the perkins diesel an simons generator on it.Built in Guelph.All ok
1034091	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	12/1/18 12:00 AM	12/5/18 01:38 PM	12/5/18 01:38 PM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.iINTERNAL HEATER,CHARGING SYSTEM,FLUIDS ALL OK.rEADY FOR USE

Workorder Summary Report

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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
603949	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	1/1/18 12:00 AM	1/4/18 09:47 AM	1/4/18 09:47 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598Operate hor 45 mins.Unit is in good working order.Internal heater on to allow the block to stay warm.
760791	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	5/1/18 12:00 AM	5/3/18 11:51 AM	5/3/18 11:51 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Vails did a complete service an operating well.
720519	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	4/1/18 12:00 AM	4/6/18 08:03 AM	4/6/18 08:03 AM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Unit is off,due to the water coolant supply not being hooked up.Tower is in place so ok.Flyod to dig asap when frost out.It will be a quick repair an all parts ready o go.
878947	0000087469	GENERATOR DIESEL	5598, Gore Bay WWTL & CS, Facility, Power Generation	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5598	CLOSE	8/1/18 12:00 AM	8/10/18 02:15 PM	8/10/18 02:15 PM	Diesel Generator Inspection/ Functional Test (1m) 5598 -Diesel Generator Inspection/ Functional Test (1m) 5598.Unit ran an working well.Good fuel economy on this unit.Very pleased in operation
781239			5598, Gore Bay WWTL & CS, Process, Process Controls	CORR	Refurbish/ Replace/Repair	0		5598 Gore Bay main SLS pump panel Run lights repair	CLOSE		8/22/18 01:04 PM	8/22/18 01:04 PM	run lights - both run lights on the starter are not working. quote to show the cost of the repair. will try to fit this job in on another job to save travel run lights replaced - Aug 15 2018 light bases were worn out... ordered new lights bases, holders and LED bulb. removed old units and replaced with new.. tested ok.

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
959641	0000087763	LAGOON NORTH	5598, Gore Bay WWTL & CS, Process, Primary Treatment	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon North Inspection (6m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:39 AM	10/29/18 08:39 AM	Lagoon North Inspection (6m) 5598 -Lagoon North Inspection (6m) 5598.Treat with 1900 gallons of feric
959713	0000087762	LAGOON SOUTH	5598, Gore Bay WWTL & CS, Process, Primary Treatment	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon South Inspection (6m) 5598	CLOSE	10/1/18 12:00 AM	10/29/18 08:40 AM	10/29/18 08:40 AM	Lagoon South Inspection (6m) 5598 -Lagoon South Inspection (6m) 5598.Treat the cell with 1900 gallons of ferric
720967	0000087763	LAGOON NORTH	5598, Gore Bay WWTL & CS, Process, Primary Treatment	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon North Inspection (6m) 5598	CLOSE	4/1/18 12:00 AM	4/6/18 08:07 AM	4/6/18 08:07 AM	Lagoon North Inspection (6m) 5598 -Lagoon North Inspection (6m) 5598.Ice still on April 6.The cell is low.May not discharge this spring
721039	0000087762	LAGOON SOUTH	5598, Gore Bay WWTL & CS, Process, Primary Treatment	PM	Refurbish/ Replace/Repair	6	MONTHS	Lagoon South Inspection (6m) 5598	CLOSE	4/1/18 12:00 AM	4/6/18 08:09 AM	4/6/18 08:09 AM	Lagoon South Inspection (6m) 5598 -Lagoon South Inspection (6m) 5598Ice still on April 6.Will do content samples as soon as ice off.Will be discharging.
742912			5598, Gore Bay WWTL & CS, Facility	CALL	Refurbish/ Replace/Repair	0		Org # 5598 Gore Bay main sewage station high level alarm	CLOSE		4/21/18 05:15 PM	4/21/18 09:45 PM	Org # 5598 Gore Bay main sewage station high level alarm -received a high sewage level alarm. go on-line and monitor pumps, flow rates and well levels from home all evening. reset alarm
742908			5598, Gore Bay WWTL & CS, Facility	CALL	Refurbish/ Replace/Repair	0		Org # 5598, main pump station sewage high level alarm	CLOSE		4/20/18 08:30 PM	4/20/18 11:30 PM	Org # 5598, main pump station sewage high level alarm -the milltronics level indicator first went off, then not long after the high level float switch also tripped. took several hours before level receeded enough to cancel the alarms
917105			5598, Gore Bay WWTL & CS	PM	Refurbish/ Replace/Repair	1	YEARS	Electric Heater Inspection (1y) 5598	CLOSE	9/1/18 12:00 AM	9/6/18 11:16 AM	9/6/18 11:16 AM	Electric Heater Inspection (1y) 5598 -Electric Heater Inspection (1y) 5598.Units all ok

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
740339			Gore Bay Wastewater Treatment Lagoon & Collection System	CORR	Refurbish/ Replace/Repair	0		5598 Gore Bay Main SLS Pumps repair	CLOSE		5/16/18 11:14 AM	5/16/18 11:14 AM	troubleshooting - March 29 2018. Pump #2 was tripped on fault. inspected connections at pump to find they worked themselves loose and shorted causing damage to the soft start, installed a better set of connections and ran pump on drive #1. ordered parts to repair drive and plan to repair on April 4th. will perform preventative maintenance to Pump #1 electrical. 5598 Gore Bay Main SLS Pumps repair -Travel to Gorebay to assist with pump repair, brought lifting device incase pump needed to be removed parts pick up - April 3 2018 picked up required materials from supplier.. rush delivery. drive repair - April 4 2018 removed damaged parts and cleaned up surface for new parts. installed parts and tested for proper function.. tested ok. bad driving conditions.. lots of snow on the roads, travel time was longer than usual. replaced bad connections on pump#1 to prevent the same issue from happening to #1. complete -marked work order complete.

Workorder Summary Report

 Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
782241			5598, Gore Bay WWTL & CS	CALL	Refurbish/ Replace/Repair	0		5598 GB lagoon pump failure	CLOSE		5/19/18 02:00 PM	5/23/18 08:08 AM	5598 GB lagoon pump failure -5598 GB lagoon pump failure.On site to find both pumps tripped an needing reset.They started an pumping well.@ hours later again.Reset.No bad weather.Again at 2200 hours.Reset.Will contact OCWA electrician.
701953			5598, Gore Bay WWTL & CS	CALL	Refurbish/ Replace/Repair	0		5598 Gb SPS high level an power issues	CLOSE		3/27/18 06:00 PM	3/27/18 07:30 PM	5598 Gb SPS high level an power issues -5598 Gb SPS high level an power issues,On site.Melt an rain so level high.Genset on.Power issue.#2 pump not working.#1 on at 80 m3/hr = ok. Try an reset power with no luck .Contact Hydro one.They to send a crew out.
897326			5598, Gore Bay WWTL & CS	CALL	Refurbish/ Replace/Repair	0		Org # 5598 Gore Bay main SPS, high level alarm	CLOSE		8/4/18 10:45 PM	8/5/18 01:45 AM	Org # 5598 Gore Bay main SPS, high level alarm -upon arrival neither of the 2 pumps were running even though the level was very high. had to manually reset both pumps and they started up and pumped well down to shut off point within 15 minutes.
863158			Gore Bay Wastewater Treatment Lagoon & Collection System	CALL	Refurbish/ Replace/Repair	0		Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble	CLOSE		7/26/18 06:00 PM	7/26/18 07:30 PM	Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble - Gore Bay Wastewater Treatment Lagoon & Collection System pod trouble make arrangements for TS to repair this issue

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5598*
 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
662172			5598, Gore Bay WWTL & CS	CALL	Calibration	0		5598 Gore Bay WWTP Pumphouse Spare Alarm	CLOSE		2/7/18 09:25 PM	2/7/18 11:30 PM	Feb 7 Gore Bay WWTP Spare Alarm - <ul style="list-style-type: none"> Called for spare alarm by True Steele. Arrived on site to no pumps running and no high level. Pump #2 was called to run but had tripped. Reset pump 2 but it had no flow. Most likely air locked. Pump 1 working and ran its cycle. Informed operator in the morning of the issue.