



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Annual Performance Report

Kingsville Sewage Collection System

Works # 120001078

For the year

2023

Prepared for the Corporation of the Town of Kingsville
By the Ontario Clean Water Agency

Table of Contents

Section Number	Contents	Page Number
a	a summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.	1-3
b	a summary of any operating problems encountered and corrective actions taken.	4
c	a summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System.	4
d	a summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.	4
e	a summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat.	4
f	a summary of all Collection System Overflow(s) and Spill(s) of Sewage, including: i) Dates; ii) Volumes and durations; iii) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli; iv) Disinfection, if any; and v) Any adverse impact(s) and any corrective actions, if applicable.	4-5
g	a summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable: i) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted. ii) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP's timelines. iii) An assessment of the effectiveness of each action taken. iv) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives. v) Public reporting approach including proactive efforts	5
APPENDICES		
Appendix I - Summary of Maintenance Report		
Appendix II - Summary of all Collection System Overflows and Spills		

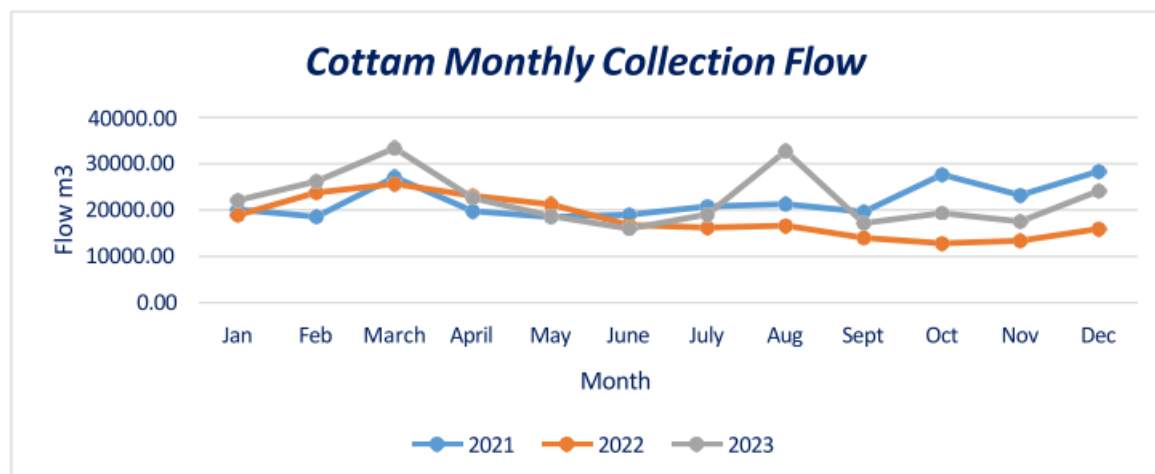
The annual performance report pertaining to the Kingsville Sewage Collection System for the operating year 2023 has been prepared by the Ontario Clean Water Agency. This report is submitted to the District Manager on behalf of the Owner in accordance with Schedule E Section 4.6 of Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA). The Owner shall prepare performance reports on a calendar year basis and submit to the Director by March 31 of the calendar year following the period being reported upon.

4.6 (a) a summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.

A comparison of the total flow within the sewage collection system is captured on the tables and graphs below for the last 3 years.

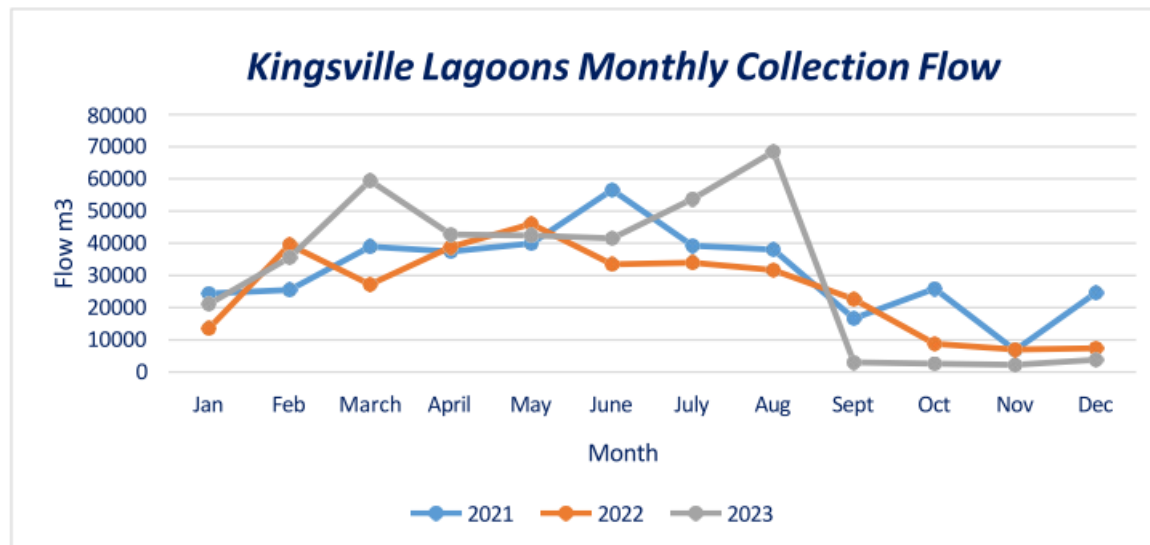
Cottam Monthly Collection Flow

Month	2021	2022	2023
January	20096.30	18926.00	22122.13
February	18569.57	23756.00	26164.73
March	27100.68	25643.58	33362.30
April	19729.00	23066.80	22577.60
May	18504.00	21217.58	18745.00
June	18994.00	16796.00	15980.42
July	20804.16	16193.92	19051.29
August	21268.00	16637.00	32699.90
September	19630.30	14010.90	17191.10
October	27637.00	12822.30	19354.35
November	23252.00	13339.73	17524.93
December	28355.00	15930.73	24140.94
Total	263940.01	218340.54	268914.69
Average	21995.00	18195.05	22409.56
(Daily) Max	5311.57	1239.00	1694.50
(Daily) Min	74.00	363.70	495.00



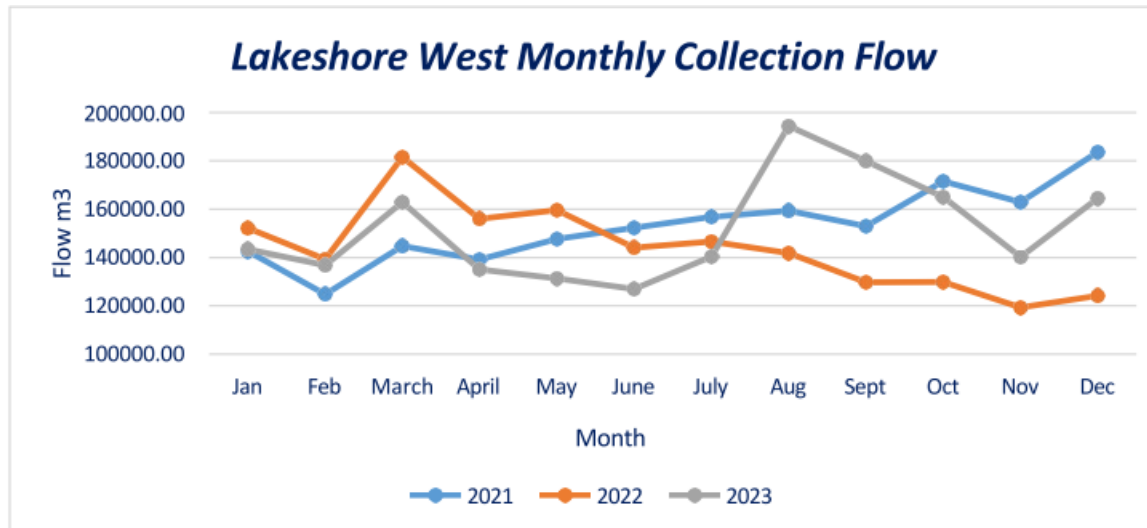
Kingsville Lagoons Monthly Collection Flow

Month	2021	2022	2023
January	24422.00	13591.00	21094.37
February	25480.05	39495.10	35579.02
March	38958.65	27237.70	59470.90
April	37417.00	38823.60	42754.40
May	39882.00	46003.80	42433.90
June	56580.00	33446.84	41568.44
July	39283.28	33973.77	53725.39
August	38063.00	31632.00	68450.60
September	16677.80	22585.90	2976.70
October	25945.00	8804.60	2644.97
November	6787.00	6980.93	2248.54
December	24558.00	7401.43	3807.90
Total	374053.78	309976.67	376755.13
Average	31171.15	25831.39	31396.26
(Daily) Max	8808.00	2426.40	4099.70
(Daily) Min	7.00	123.00	2.57



Lakeshore West Monthly Collection Flow

Month	2021	2022	2023
January	142596.00	152175.00	143362.00
February	124767.00	139254.00	136745.00
March	144736.00	181528.00	162918.00
April	139099.00	156024.00	135085.00
May	147687.00	159538.00	131380.00
June	152261.00	144053.00	126939.00
July	156755.00	146652.00	140376.00
August	159395.00	141786.00	194407.00
September	153013.00	129737.00	179892.00
October	171580.00	129936.00	165003.00
November	162934.00	119321.00	140157.00
December	183652.00	124222.00	164484.00
Total	1838475.00	1724226.00	1820748.00
Average	153206.25	143685.50	151729.00
(Daily) Max	7747.00	7462.00	14747.00
(Daily) Min	3798.00	2329.00	2872.00



After reviewing the data above, it has been concluded that no further modifications are necessary at this point.

4.6 (b) a summary of any operating problems encountered and corrective actions taken.

There were no operating problems encountered in the Lakeshore West Collection System for 2023.

4.6 (c) a summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System.

A regular scheduled calibration and maintenance program have been kept up to date as scheduled on a daily, weekly, semi-annual and annual basis. All equipment calibration & maintenance scheduling and standard procedures are provided by Maximo Computerized Maintenance System, and work orders are generated by the Hub.

The annual flow meter calibrations for Kingsville Sewage collection system were completed in January 2023 by Indus Control.

A summary of all maintenance carried out for 2023 are attached in Appendix I.

4.6 (d) a summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.

Between August 23 and 24, the Town of Kingsville received 214 mm of rain in some areas. This resulted in overland flooding and Inflow and Infiltration into the Town's Wastewater Collection System. In 2023, the Town received twenty (20) sanitary sewer service requests. Most of these requests were related to basement flooding caused by the August storm. The Town completed I&I Smoke Studies in affected areas to address these issues. Steps are being taken to address private cross-connections through the Town's Sewer-use By-law. Maintenance hole inspections were also completed, and deficiencies that allowed rainwater into the collection system were rectified. The Town also provided financial assistance to 39 residents through its Basement Flooding and Subsidy Program for the installation of sanitary backwater valves and sump pumps.

4.6 (e) a summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat.

There are no Alterations to the Authorized system within the reporting period.

4.6 (f) a summary of all Collection System Overflow(s) and Spill(s) of Sewage, including:

- i) Dates;**
- ii) Volumes and durations;**
- iii) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results**

for E.coli;

iv) Disinfection, if any; and

v) Any adverse impact(s) and any corrective actions, if applicable.

A summary of all collection system Overflows and Spills will be included in appendix II.

4.6 (g) a summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:

i) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted.

ii) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP's timelines.

iii) An assessment of the effectiveness of each action taken.

iv) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives.

v) Public reporting approach including proactive efforts.

The Town completed I&I Smoke Studies in affected areas to address these issues. Steps are being taken to address private cross-connections through the Town's Sewer-use By-law. Maintenance hole inspections were also completed, and deficiencies that allowed rainwater into the collection system were rectified. The Town also provided financial assistance to 39 residents through its Basement Flooding and Subsidy Program for the installation of sanitary backwater valves and sump pumps.

Appendix I

Summary of Maintenance Report

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3167470			5557, Kingsville WW Lagoon	OPER	Inspection	1	YEARS	Daily O&M Activities Kingsville (1y) - 5557	COMP	1/1/23 12:00 AM	1/2/24 09:52 AM	1/2/24 09:52 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3167527			5956, Cottam WW Lagoon	OPER	Inspection	1	YEARS	Daily O&M Activities Cottam WW Lagoons (1y) - 5956	APPR	1/1/23 12:00 AM			Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Cottam #1 pump station • miltronics issues • brought miltronics spare parts and vega radar • tested and inspected miltronics operation • miltronics working as intended Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at cottam pump stations 1,2,woodridge,and filter building • checked/recorded cell depths • tested/received all hl float alarms from stations Daily O&M Activities Cottam Wastewater (1y) - 5956 - • set-up filtering onto filter bed 2 • moved valving around to start filter Daily O&M Activities Cottam Wastewater (1y) - 5956 - • troubleshoot milltronics issues at cottam pump station 1 • station being pumped empty and pumps won't shut down • pulled/cleaned/re-positioned transducer head. .. back to normal and will continue to monitor • checked/recorded cell depths and collected F2 effluent samples and shipped to SGS labs

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • filtering started, inspect mbbr tank and flow Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked/recorded cell depths, pump hrs and flow totals • checked on pumps at cottam pump station 1. ..milltronics all normal Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Watched Cottam 1 miltronics • verified pumps run and levels • miltronics working as intended Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Cottam 1 Gen annual • Gen Tested • Maintenance performed by Ken O • Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Meeting with marco A on Cottam 2 panel upgrades • phone call with Frank Electrotec for panel building supply • scope of work reviewed and meeting set up • qoute from Security one •

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													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • cottam mbbr. ... met Dave J, Dan C, and Gary to go over deficiencies with mbbr Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Generator repairs Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at cottam pump stations 1,2,woodridge, and filter building • checked/recorded lagoon cell depths • Dowler Cane in to fill diesel at cottam pump station 1 Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Cottam meeting with Marco and electricall contractors • william street panel upgrades Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked on lagoon cell depths • re-primed pump for mbbr Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked on lagoon depths • reprimed pump for mbbr... keeps shutting down.

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													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • sampling • rounds sheet • pump set up (degassing/ priming) Daily O&M Activities Cottam Wastewater (1y) - 5956 - • pick up mixer and defoamer • add defoamer to mbbr (60L) • start mixing/dosing phos to mbbr Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Install and set up sampler for sp01 raw flow Daily O&M Activities Cottam Wastewater (1y) - 5956 - • information for power serve for william street panel Daily O&M Activities Cottam Wastewater (1y) - 5956 - • intalled sampler at PS#1 Daily O&M Activities Cottam Wastewater (1y) - 5956 - • mix phos and adj dosing rate Daily O&M Activities Cottam Wastewater (1y) - 5956 - • phos dosing and in house • rounds sheet with Dan S Daily O&M Activities Cottam Wastewater (1y) - 5956 - phos check

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • phos check Daily O&M Activities Cottam Wastewater (1y) - 5956 - • mixed up a 25kg bag of sodium hexameta phosphate for mbbr. Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked on woodridge ps and lagoon level • one pump running and station still in high level Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Woodbridge estates storm retention pond plugged up • went out in boat and unplugged pump station inlet • cleaned up and maintained trash pumps Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Return amhurstburg their 6" trash pump Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at cottam pump stations 1 & 2 • tested and received all hl float alarms • checked/recorded lagoon cell depths • inspected/checked lagoon filter building • checked on lagoon depths at Woodridge pond

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													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • William street panel upgrade Daily O&M Activities Cottam Wastewater (1y) - 5956 - • mix batch of phos • sample / test for amm and phos Daily O&M Activities Cottam Wastewater (1y) - 5956 - • create new C of C for MBBR testing/ commissioning • phos pump issues • mix batch of hex. Daily O&M Activities Cottam Wastewater (1y) - 5956 - • set up prominent pump for auto Daily O&M Activities Cottam Wastewater (1y) - 5956 - • check of mbb • mark plate for sampler Daily O&M Activities Cottam Wastewater (1y) - 5956 - • " burp William strett pump one • test and put back into operation Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Checked/recorded lagoon cell depths • began filtering onto filter bed 1 with a frequency of 5 min (ON) and 25 min (OFF)

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">completed station checks at cottam pump stations 1 & 2 and woodridge pump stationtested/received all hl float alarmschecked/recorded lagoon cell depthsrecorded pump hours and flow totals for filtering Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">checked and recorded lagoon cell depthsrecorded filtering flow totals and pump hrs. Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">checked and recorded lagoon cell depthsrecorded filtering hrs and flow totalscollected composite monthly raw samplescollected filter 1 effluent samples Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">instal sampler shelfstart filteringattempt programming of sampler

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked on quality of effluent from filter bed 1 • checked and recorded lagoon cell depths • recorded pump hrs and flow totals for filtering Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked on lagoon depths and filtering quality and filter bed level Daily O&M Activities Cottam Wastewater (1y) - 5956 - • collected effluent samples off of filter bed 1 and shipped to SGS labs. • water starting to build up on filter bed 1.... switched filtering to filter bed 2 Daily O&M Activities Cottam Wastewater (1y) - 5956 - • finish install of sampler and program • phase loss to filter building, monitor and reset Daily O&M Activities Cottam Wastewater (1y) - 5956 - • station check and samples for mbr • test samples Daily O&M Activities Cottam Wastewater (1y) - 5956 - • wash down and clean MBBR building • Lagoon level and flows

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Station check at filters • verify sampler operation Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Pick up materials for william panel • preform william strett station check • check new facility at cottam lagoons • deliver panel building material to electratech Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked and recorded lagoon cell depths Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at cottam pump stations 1, woodridge, filter building • raked intake crib at retention pond at woodridge • checked/recorded lagoon cell depths Daily O&M Activities Cottam Wastewater (1y) - 5956 - • collected samples from mbbr • packaged and shipped to Veolia Water

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • pumped cell 1 into distribution box to see if line plugged • found that line is plugged in front of distribution box and an excavator needs to be brought in
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • collected and shipped samples from mbbr to Veolia
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at Cottam Pump Staions 1,2, filter building and woodridge pump station • tested/received all hl float alarms
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Replace Valve chamber float at Cotam 1 • Leamington for parts
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • assisted Mike with confined space entry at Cottam Pump Station 1 • troubleshoot faulty float alarm in dry well • wired in a new float in dry well and tested/received alarm
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • shut down mbbr and start filters

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - • checked and recorded lagoon cell depths • checked on filtering Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at Cottam pump stations 1,2& woodridge • tested and received all hl float alarms • went over MBBR and sampling requirements • brief overview of MBBR Daily O&M Activities Cottam Wastewater (1y) - 5956 - • cut grass and weed wacked pump station • picked up all debris and tree branches in yard Daily O&M Activities Cottam Wastewater (1y) - 5956 - • collected monthly raw samples • collected mbbr INF/EFF samples and shipped to SGS labs • closed valve to lagoon from MBBR Daily O&M Activities Cottam Wastewater (1y) - 5956 - • cut grass around filter building and weed wacked • removed garbage around building

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

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WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
														Daily O&M Activities Cottam Wastewater (1y) - 5956 - • cut grass and clean up around building Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at Cottam Pump Station 1,2,woodridge and filter building • checked/recorded lagoon cell depths Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Completed station checks at Cottam Pump Stations 1,2,woodridge and filter building/Mbbr. • collected and shipped effluent samples to SGS labs Daily O&M Activities Cottam Wastewater (1y) - 5956 - • Met Gary/Mike to go over valve installation for re-routing flow into Cell 2 Daily O&M Activities Cottam Wastewater (1y) - 5956 - • completed station checks at cottam pump stations 1,2,woodridge,filter building and MBBR building • tested/received all hl float alarms • cut grass and weed wacked around filter building/ distribution boxes/and cottam pump station #1

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">collected effluent samples from mbbrpackaged and shipped to SGS labschecked on mbbr water quality
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">checked and recorded lagoon levelschecked on mbbr and recorded flows and pump hours
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">checked/recorded lagoon cell depthschecked on mbbr and recorded flows and pump hourspulled uv racks and cleaned and re-installed
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">checked on mbbrchecked and recorded cell depths, pump hours and flow totals
													Daily O&M Activities Cottam Wastewater (1y) - 5956 - <ul style="list-style-type: none">completed multiple chemical washes on filter screenscompleted jar testing for alum addition. ...phos levels very low on raw and flocculator effluent

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

					WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
														<div>-</div> <div><div><div>CSS Inspections with ESA</div><div>Brought the inspector through Williams street, Cottam pump station, and Cottam Lagoons.</div></div></div> <div>Daily O&M Activities Cottam Wastewater (1y) - 5956</div> <div>-</div> <div><div><div>Shut down panels to see if CSA approved.</div><div>Explained operation of MBBR room.</div></div></div> <div>Daily O&M Activities Cottam Wastewater (1y) - 5956</div> <div>-</div> <div><div><div>Went through blowers in the main building to check for CSA approvals. Both blowers will need to be CSA approved.</div></div></div> <div>Daily O&M Activities Cottam Wastewater (1y) - 5956</div> <div>-</div> <div><div><div>Retrieved information for ESA and Dielco</div></div></div> <div>Daily O&M Activities Cottam WW Lagoons (1y) - 6975</div> <div>-</div> <div><div><div>ESA inspection of panels and motors</div></div></div> <div>Daily O&M Activities Cottam WW Lagoons (1y) - 6975</div> <div>-</div> <div><div><div>MBBR flows for 2023</div></div></div> <div>Daily O&M Activities Cottam WW Lagoons (1y) - 5956</div> <div>-</div> <div><div><div>ups issue at cottam #1</div></div></div>

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • troubleshoot comm. issues with cottam pump station 1 and filter building • phoned Mihia who had to clear alarms locked up in Plc at cps-1 • tested sewage pumps and alum pumps • stations are now communicating with each other Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Pulled pump 1 to find a block of wood lodged in the impeller. Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • cut grass and weed trimmed around filter building and raw box and cell 2 box. • completed station check at woodridge pump station and tested/received hl float alarm and low level float alarm Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • at PS#2 for electrcal upgrades • install portable pumps Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • programming of level controller Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • worked at PS#2

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Assisted in helping with installation of new panel for Williams street Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Inspected new panel for defaults Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Stayed late for installation on pump panel for Williams Street Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • install of new control panel at CPS2 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • station check completed • cut grass • CPS2 panel install Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • collect weekly samples • trouble shoot mbbr pump faults Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • meet contractors at CPS2 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Assisted Electratek with installing overload protection in new panel on Williams street

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • worked late due to electrical inspection for blowers and other new equipment Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station checks at Cottam Pump Stations 1,2, woodridge and filter building. • tested and received all hl float alarms • checked on mbbr as well Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • cut grass and weed wacked around filter building • weed wacked around cottam pump station 1 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked william st pump station due to a pump 1 fault • dumped power and reset...pump working and not drawing high amps • problem with panel door • left both pumps in auto and duty selector switch was left at pump 2 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • collected and shipped effluent samples from mbbr unit • cut grass at cottam pump station 1 and filter building

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • clean UV bulbs • check mbbr Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station checks at cottam ps 1,2,woodridge and filter building and mbbr. • tested and received all hl float alarms • troubleshoot high solids with mbbr and completed numerous wash cycles on filter membrane and began testing with polymer Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • mbbr troubleshooting • cleaned panels with hypo and phosphoric acid • truck died and had to be jump started and brought in for repairs Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked lagoon depths at cottam lagoons • pumped down alum storage containment area... flooded again • checked on mbbr Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station check at filter building • checked/recorded lagoon cell depths • troubleshoot mbbr with various polymer concentrations

Workorder Summary Report

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">completed station checks at cps-1,cps-2 and woodridge pump stationcollected filter 2 effluent samplescut grass and weed wacked cottam pump station 1 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">operational issues with mbbrrun multiple cleaningscontact veolia tech support Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">clean shutdown mbbrstart sand filters Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">check sand filtersrecord flows and hrs. Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">troubleshoot low level alarm in filtering buildingfound intake screen from cell 2 (both upper and lower)plugged with algaeraked upper and lower screenrestarted filtering and back to normal Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">worked at cottam troubleshooting pumps

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • worked at cottam Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • filter blockage and pump flow issues Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • issues with mbbp pump flows • jeff and trevor on site to repair • faulty vfd for fp4 Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • worked at filter building testing pumps Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked on cottam mbbp • increased flow rate thru system and monitored effluent quality • checked on cell depths Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked on cell depths at cottam • troubleshoot mbbp issues and increased raw flow Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Pulled pump 1 at william st pump station • re-installed and tested flow

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Work Order Type: All Workorder Type

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
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked on mbbr and flow rates....all normal Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • backwash pump overload issues Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • alum delivery Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • filter check Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • check mbbr, reset faulted backwash pump Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • cottam mbbr. . reset backwash pump. ... keeps faulting out • could be faulty pressure switch • veolia has been informed and working on it Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • cottam mbbr. reset backwash pump again. • Met with Marco/Jeff to come up with game plan to go over cell 2 bypass pipe and plans to put air pig in cell 2 distribution box

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

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Work Order Class:

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • cottam mbbr issues with backwash pump • contacted Veolia to troubleshoot • provided info for Veolia Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • installed air plug for new in connect valve install Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Isolated cell 2 distribution box and pumped down • installed 12" air pig in pipe for future by-pass work to be completed in November Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • violia meeting Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Restarted mbbr and began filtering again Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station checks at Cottam pump station 1,2,woodridge,filter building and lagoon depths • tested and received all hil float alarms • collected monthly raw and effluent samples from mbbr and shipped to sgs labs

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • worked with Veolia to troubleshoot operational issues with mbbr Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • stayed late with Veolia troubleshooting operational issues • conducted acid washes on filters with sodium hypo and phosphoric acid • conducted tests on filter membrane to see how plugged they were Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked mbbr and effluent quality Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked on lagoon cell depths and effluent quality Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station checks at cottam ps-1 and woodridge pump station • tested and received all hl float alarms

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

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Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

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WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
														Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station check at cottam ps-1 • tested and received hl float alarm • checked mbbr building and collected effluent samples and shipped to sgs labs • checked and recorded lagoon cell depths • completed station check at cottam filter building • completed numerous drawdowns on alum pumps to begin feeding floc tank in mbbr with alum. ..troubleshoot issues with Mihia Dude Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • swept floors at Cottam Filter Building • removed garbage inside building • cleaned and restocked washroom • checked on mbbr Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • commission alum pump Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • meet with veolia for mbbr Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station check at cottam mbbr

Workorder Summary Report

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Work Order Type: All Workorder Type

Work Order Class:

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WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
														Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • Interconnect at Cottam Lagoons Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station check at cottam pump station 1, filter building, mbbr and lagoon depths • tested and received all hl float alarms Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • instal injection quil for alum and start alum dosing to mbbr • monitor system and adj Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • sample and monitor system for alum dosing • install new weather station for Shaun Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • clean blower building • clean mbbr building • power wash out sump pit to remove polymer build up Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • powerwashed backwash water pit and cleaned building in mbbr and filter building

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Work Order Type: All Workorder Type

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WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
														Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • began introducing alum into mbbf and monitor treament/effluent Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • collected and shipped effluent samples to sgs labs • checked cottam ps-2 and woodridge pump station • tested/received all hl float alarms Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • completed station check at cottam pump station 1 and filter building/mbbf • tested/received all hl float alarms • checked and recorded lagoon cell depths Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked cottam lagoon levels and mbbf Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - • checked and recorded flow totals and pump hours • checked on lagoon cell depths

Workorder Summary Report

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Work Order Type: All Workorder Type

Work Order Class:

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WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">began isolating distribution boxes and pumped down for contractorsfound crossover valve is leaking and will need an air pig installed in cell 1 distribution box Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">installed air pig in cell 1 distribution box and pumped down chambers for contractors Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">out at cottam for crossover install Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">worked in cottam installing air plug Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">Met electratch out in Cottam for disconnect panel replacement Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">Pulled air pigs Daily O&M Activities Cottam WW Lagoons (1y) - 5956 - <ul style="list-style-type: none">removed air pigs

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Work Order Type: All Workorder Type

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
3168408	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557	CLOSE	1/1/23 12:00 AM	1/16/23 07:14 AM	1/16/23 07:14 AM	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557 - <ul style="list-style-type: none">Ran GEnRecorded numbers and runnoticed oil pressure switch not workingwarmed up for maintenance
3168443	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	1/1/23 12:00 AM	1/13/23 08:37 AM	1/13/23 08:37 AM	Engine Portable Insp/Test (1m) - 5557 - <ul style="list-style-type: none">monthly test run completed with annual
3168455	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	1/1/23 12:00 AM	1/4/23 01:18 PM	1/4/23 01:18 PM	Engine Diesel Insp/Test (1m) - 5956 - <ul style="list-style-type: none">ran diesel under loadchecked readings/gauges. ... all fall within normal operating ranges
3168493	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975	CLOSE	1/1/23 12:00 AM	1/16/23 07:07 AM	1/16/23 07:07 AM	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975 - <ul style="list-style-type: none">Completed monthly runrecorded numbers and hourswarmed up Genny for Maintenance to be performed
3168512	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	1/1/23 12:00 AM	1/4/23 01:20 PM	1/4/23 01:20 PM	Engine Diesel Ruthven PS Insp/Test (1m) - 6975 - <ul style="list-style-type: none">ran generator under loadall readings/gauges were normal

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Work Order Type: All Workorder Type

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
3171877	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Insp/Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	1/13/23 02:19 PM	1/13/23 02:19 PM	Engine Diesel Insp/Service (1y) - 5557 - • Gen Annual • Gen tested • Maintenance performed by Ken O Engine Diesel Insp/Service (1y) - 5557 - • K2 Gen Annuals
3171973	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Portable Lsw Insp/ Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	1/13/23 08:36 AM	1/13/23 08:36 AM	Engine Diesel Portable Lsw Insp/ Service (1y) - 5557 - • completed annual by lighthouse electric
3171985	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Generator Engine Ruthven Ps Insp/ Service (1y) - 6975	CLOSE	1/1/23 12:00 AM	1/13/23 08:29 AM	1/13/23 08:29 AM	Generator Engine Ruthven Ps Insp/ Service (1y) - 6975 - • Gen annual completed • Gen Tested • Maintenance performed by Ken O • Generator Engine Ruthven Ps Insp/ Service (1y) - 6975 - • annual completed
3172006	0000138823	METER FLOW LSW	5557, Kingsville Sewage PS 02	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	1/31/23 01:55 PM	1/31/23 01:55 PM	Meter Flow Insp/Service (1y) - 5557 - • Indus controls preformed meter verifications Meter Flow Insp/Service (1y) - 5557 - • Invoicing

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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 Finish	WorkLog Detail
3172011	0000138824	METER FLOW LAGOON	5557, Kingsville Sewage PS 02	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	1/31/23 01:54 PM	1/31/23 01:54 PM	Meter Flow Insp/Service (1y) - 5557 - • Indus controls preformed meter verifications Meter Flow Insp/Service (1y) - 5557 - • Invoicing
3172016	0000152853	METER FLOW INFLUENT SAND FILTER	5956, Cottam WW Lagoon	PM	Calibration	1	YEARS	Meter Flow Insp/Service (1y) - 5956	CLOSE	1/1/23 12:00 AM	1/31/23 02:01 PM	1/31/23 02:01 PM	Meter Flow Insp/Service (1y) - 5956 - • Indus controls preformed meter verifications • sandfilter flow meter needs new asset tag Meter Flow Insp/Service (1y) - 5956 - • invoicing
3172101	0000152807	PANEL CONTROL	5557, Kingsville Sewage PS 03 Mcallum	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Control PS3 Macallum Insp/ Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	1/27/23 01:42 PM	1/27/23 01:42 PM	Panel Control PS3 Macallum Insp/ Service (1y) - 5557 - • PM has been deactivated and moved to another month
3172144	0000181583	PUMP DIAPHRAGM # 2 Chemical	5956, Cottam WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Diaphragm Insp/Service (1y) - 5956	CLOSE	1/1/23 12:00 AM	5/10/23 10:48 AM	5/10/23 10:48 AM	Pump Diaphragm Insp/Service (1y) - 5956 - • electrically clean and inspect panel
3172156	0000181586	PUMP DIAPHRAGM # 1 Chemical Feed	5956, Cottam WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Diaphragm Insp/Service (1y) - 5956	CLOSE	1/1/23 12:00 AM	5/10/23 10:48 AM	5/10/23 10:48 AM	Pump Diaphragm Insp/Service (1y) - 5956 - • Electrically cleaned and inspecte panel
3172177	0000138795	RECORDER CHART KINGSVILLE PS #2 LAGOON	5557, Kingsville Sewage PS 02	PM	Refurbish/ Replace/Repair	1	YEARS	Recorder Chart Kingsville Ps #2 Lag Insp/Service (1y) - 5557	CLOSE	1/1/23 12:00 AM	2/1/23 07:50 AM	2/1/23 07:50 AM	Recorder Chart Kingsville Ps #2 Lago Insp/Service (1y) - 5557 - • Indus controls preforming meter verifications Recorder Chart Kingsville Ps #2 Lago Insp/Service (1y) - 5557 - • Invoicing

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3172243	0000181581	UPS BATTERY BANK	5956, Cottam WW Lagoon	PM	Inspection	1	YEARS	Ups Battery Bank Insp/Service (1y) - 5956	CLOSE	1/1/23 12:00 AM	3/7/23 06:50 AM	3/7/23 06:50 AM	Ups Battery Bank Insp/Service (1y) - 5956 - still in use at a winery in Harrow
3175100			5557, Kingsville WW Lagoon	PM	Refurbish/ Replace/Repair	3	YEARS	MCC Panel Inspection Route (3y) - 5557	CLOSE	1/1/23 12:00 AM	1/26/23 08:37 AM	1/26/23 08:37 AM	MCC Panel Inspection Route (3y) - 5557 - Thermal Scans completed by Eaton
3175154	0000137639	PANEL CONTROL Sewage Pumps MCC	5956, Cottam Sewage PS 01	PM	Refurbish/ Replace/Repair	3	YEARS	Mcc Pumps Insp (3y) - 5956	CLOSE	1/1/23 12:00 AM	1/26/23 08:43 AM	1/26/23 08:43 AM	Mcc Pumps Insp (3y) - 5956 - Thermal Scans completed by Eaton
3175184	0000138875	PANEL TRANSFER	6975, Lakeshore West Sewage PS 02	PM	Refurbish/ Replace/Repair	3	YEARS	Panel Transfer Insp/Service (3y) - 6975	CLOSE	1/1/23 12:00 AM	1/26/23 08:49 AM	1/26/23 08:49 AM	Panel Transfer Insp/Service (3y) - 6975 - Thermal Scans completed by Eatons
3191463	0000313550	METER FLOW RAW	5956, Cottam Sewage PS 01	PM	Calibration	1	YEARS	Flow Meter Insp/Service (1Y) 5956	CLOSE	1/1/23 12:00 AM	1/31/23 02:00 PM	1/31/23 02:00 PM	Flow Meter Insp/Service (1Y) 5956 - Indus controls meter verification

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

					WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3201881				6975, Lakeshore West Sewage PS 01	CALL	Refurbish/ Replace/Repair	0		Called by Sec one for LSW #1 Pump 1 and Pump 2 Fault 6975	CLOSE		1/4/23 06:30 PM	1/9/23 10:38 AM	Called by Sec one for LSW #1 Pump 1 and Pump 2 Fault 6975 - • Called at 18:32 by sec one for Lakeshore west pollution control pumping station 1 pump 1 faul and restore • asked for clarification and received "actually pump 1 and 2 faul and restore" • askef both restored and received " actually the fault came in twice and restored twice" • Thanked her for clarification told her my name • Arrivd to station1 to find Key pad not in alarm and all pumps on wih no faults • Called sec one back to clarify statio and alarms • while on phone checked main plant no faults or alarms • spent 7 minutes on phone with Sec at 19:12 trying to find any alarms or calls under our account • the operator was unable to find any alarms or calls to our account or our on call number • phone called was 519-982-9179 • Verified He could not find any active alarms or issues with our account • locked up and went home.
3203470	0000313551	ENERATOR ELECTRIC	5956	5956, Cottam Sewage PS 01	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Insp/Service (1y) - 5956	CLOSE	1/13/23 12:00 AM	1/13/23 07:57 AM	1/13/23 07:57 AM	Engine Diel Insp/Service (1y) - 5956 - • annua maintenace completed by lighthouse electric • rad needs flushing

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3203553	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Predictive Maintenance	0		Engine Diesel Generator Annual Insp/Service (1Y) 5956	CLOSE		1/13/23 07:50 AM	1/13/23 07:50 AM	Engine Diesel Generator Annual Insp/Service (1Y) 5956 - annual maintenacne performed
3203560	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	CORR	Predictive Maintenance	0		Engine Diesel Generator Insp/Service (1Y)-5557	CLOSE		1/13/23 02:21 PM	1/13/23 02:21 PM	Engine Diesel Generator Insp/Service (1Y)-5557 - Gen Annuual • Gen inspection • Gen Maintenance completed by Ken O
3203581	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Genset Lsw PS02 Insp/Service (1y) - 6975	CLOSE	1/13/23 12:00 AM	1/16/23 07:04 AM	1/16/23 07:04 AM	Engine Diesel Genset Lsw PS02 Insp/Service (1y) - 6975 - Diesel annual inspection • diesel ran and inspected • maintenance preformed by Ken O
3203686	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	1/14/23 12:00 AM	1/16/23 07:09 AM	1/16/23 07:09 AM	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557 - Ran Gen • Wrote numbers and recorded run • warmed up Gen for Maintenance
3205491	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Repairs to Diesel engine oil pressure unit 5557	CLOSE		1/24/23 07:39 AM	1/24/23 07:39 AM	Repairs to Diesel engine oil pressure unit 5557 - Lighthouse Electric installed new oil pressure sending unit
3205668	0000313551	ENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Repairs to Generator cooling system 5956	CLOSE		1/24/23 07:41 AM	1/24/23 07:41 AM	Repairs to Generator cooling system 5956 - Lighthouse Electric changed hoses from block heater and flushed coolant system

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3219811	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557	CLOSE	2/1/23 12:00 AM	2/8/23 12:54 PM	2/8/23 12:54 PM	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557 - • ran diesel under load with 3 pumps running • checked all readings. ... all normal
3219846	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	2/1/23 12:00 AM	3/1/23 09:36 AM	3/1/23 09:36 AM	Generator ran during ICE storms Feb 22-23 -
3219858	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	2/1/23 12:00 AM	2/3/23 08:21 AM	2/3/23 08:21 AM	Engine Diesel Insp/Test (1m) - 5956 - • Gen ran Feb 1st for monthly WO
3219896	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975	CLOSE	2/1/23 12:00 AM	2/8/23 12:56 PM	2/8/23 12:56 PM	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975 - • ran diesel under load with 2 pumps running. • checked for leaks and all readings were normal
3219915	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	2/1/23 12:00 AM	2/3/23 08:16 AM	2/3/23 08:16 AM	Engine Diesel Ruthven PS Insp/Test (1m) - 6975 - • Gen run Feb 1st 2023 for monthly work order
3219976			5557, Kingsville WW Lagoon	PM	Health and Safety	1	YEARS	Health & Safety Inspection (1Y) - 5557	CLOSE	2/1/23 12:00 AM	3/21/23 09:30 AM	3/21/23 09:30 AM	Completed inspection - • Completed walkthrough Mar 14 • Completed report and reviewed with Dave Mar 20
3219990			5956, Cottam WW Lagoon	PM	Health and Safety	1	YEARS	Annual Health & Safety Inspection (1y) - 5956	COMP	2/1/23 12:00 AM	11/17/23 09:55 AM	11/17/23 09:55 AM	Completed review with Dave Oct 6 - • Reviewed and discussed plans for remediation
3222783			5557, Kingsville WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Insp Route (1y) - 5557	CLOSE	2/1/23 12:00 AM	2/22/23 11:48 AM	2/22/23 11:48 AM	Valve Backflow Insp Route (1y) - 5557 - • Annual inspection completed by Allsop Plumbing

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3223605	0000152796	VALVE BACKFLOW Cottam PS # 1	5956, Cottam Sewage PS 01	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Backflow Insp Route (1y) - 5956	CLOSE	2/1/23 12:00 AM	2/22/23 11:50 AM	2/22/23 11:50 AM	Valve Backflow Insp Route (1y) - 5956 - Annual inspection completed by Allsop plumbing
3243918	0000152808	PUMP SUBMERSIBLE 1 PS#3	5557, Kingsville Sewage PS 03 Mcallum	CORR	Refurbish/ Replace/Repair	0		Pull pump due to low flow 5557	CLOSE		2/6/23 06:51 AM	2/6/23 06:51 AM	Pull pump due to low flow 5557 - pull pump and check for plug
3245169	0000313545	ENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	2/9/23 12:00 AM	2/9/23 11:48 AM	2/9/23 11:48 AM	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557 - ran generator under load with 2 LSW pumps and 3 lagoon pumps running - checked for leaks and all readings were normal

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

Work Order Class:

					WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	sset	Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3245363				5956, Woodridge Storm Water PS	EMER	Refurbish/ Replace/Repair	0		Storm Water Pond Inlet Pipe Failure Emergency Response 5956-SWWR	CLOSE	2/10/23 03:20 PM	2/17/23 06:30 AM	2/17/23 06:30 AM	<div>OERT 4 inch Portable pump assistance</div> <div>-</div> <div><ul style="list-style-type: none">Dave Jubenville called to have the OERT 4" Portable diesel powered pump brought to the Storm pond site to begin dewatering of the Storm water system via a Storm water man hole.Marc D. and Robert B. brought the Pump to site and assited on site OCWA Staff with set -up and the start of the pumping of the storm water man hole.See attached pictures of the site set up.</div> <div>Storm Water Pond Inlet Pipe Failure Emergency Response 5956-SWWR</div> <div>-</div> <div><ul style="list-style-type: none">assisted with set-up of 4 inch pump at Woodridge pond.</div> <div>Storm Water Pond Inlet Pipe Failure Emergency Response 5956-SWWR</div> <div>-</div> <div><ul style="list-style-type: none">Went to woodbridge to check stationfound station level lowpumped down well and there was no flow entering stationpond level was highstorm sewer level was at the top ladder rung.called manager and he had 4" pump brought out to start pumping level down.</div> <div>Storm Water Pond Inlet Pipe Failure Emergency Response 5956-SWWR</div> <div>-</div> <div><ul style="list-style-type: none">picked up more hose in belleriverredirected pump discharge to ditch</div>

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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 Finish	WorkLog Detail
													Storm Water Pond Inlet Pipe Failure Emergency Response 5956-SWWR - <ul style="list-style-type: none">Checked on pumppump shutdowntried to restart and had a hard time startingpump was running rough and then shut down againcalled manager to inform him of issuecalled Ken Olsen he changed fuel filtersgot pump running again but then shut down later on in the day.checked pump later at night
3245551			5956, Woodridge Storm Water PS	CALL	Refurbish/ Replace/Repair	0		Woodbridge storm pond over full 5956	CLOSE		2/10/23 05:30 PM	2/13/23 07:06 AM	Woodbridge storm pond over full 5956 - <ul style="list-style-type: none">Call from Jeff due to storm pond and storm sewer to fullhelp change the OERt pump trailer set upput on waidders and waidded into water to try and find inlet pipe into storm stationtried to fill up storm station to back pressure inlet pipelet with pump discharging into ditch

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3245556			5956, Woodridge Storm Water PS	CALL	Refurbish/ Replace/Repair	0		Woodbridge storm pond diesel pump not running 5956	CLOSE		2/11/23 10:30 AM	2/13/23 07:19 AM	Woodbridge storm pond diesel pump not running 5956 - • Call from Jeff in morning for the diesel pump not working any more • drove to cottam to get trailer hitches • drove to amhurstburg to get their 6" pump • met with Ben got pump • filled trailer tires with air • went to water plant for pump suction lines • drove to Cottam • pump wouldnt start • drove to LSW to warm up and charge battery
3245548	0000152809	PUMP SUBMERSIBLE 2 KINGSVILLE PS#3	5557, Kingsville Sewage PS 03 Mcallum	CORR	Refurbish/ Replace/Repair	0		Pull pump due to flow flow 5557	CLOSE		3/10/23 07:18 AM	3/10/23 07:18 AM	Pull pump due to flow flow 5557 - • Investigate flow issues on pump • inspected check valve • removed pump from well to adjust impeller Pull pump due to flow flow 5557 - • adjusted impeller and reinstalled
3245735			5956, Cottam Sewage PS 02	CAP	Refurbish/ Replace/Repair	0		6975PS6 Equipment Inspection (1Y)6975-SP06	COMP		12/20/23 06:52 AM	12/20/23 06:52 AM	5956 William Street Pump Station Electrical Panel Replacement SP02 - • Assisted while contractors worked on panel replacement 5956 William Street Pump Station Electrical Panel Replacement SP02 - • Went through and made a list of defects from new panel install. 6975PS6 Equipment Inspection (1Y)6975-SP06 - • panel contractor was back onsite repairing disconnect

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3245739			Cottam Wastewater Treatment Lagoon	CALL	Inspection	0		Bring hoseing to Cottam	CLOSE		2/11/23 10:00 AM	2/11/23 02:00 PM	-Brought some hoses over to cottam for an emergency of an overflowing pond
3247631			5557, Kingsville Sewage PS 02	CALL	Inspection	0		KPS-2 Lagoon Pump Fault/ LSW 4,5 Power Blips	CLOSE		2/22/23 05:00 PM	2/22/23 08:00 PM	KPS-2 Lagoon Pump Fault/ LSW 4,5 Power Blips - <ul style="list-style-type: none">Called for Lagoon pump 1 faultArrived and found duty pump faulted outTurned faulted pump OFF and changed DutyTested remaining 3 pumps, All GoodNotified Maintenance of issue--Got additional call for pump fault and restore for LSW-4 and 5 before leaving KPS-2Checked stations, tested pumps. All good.

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3247644			5557, Kingsville Sewage PS 02	CALL	Inspection	0		KPS-2 Pumps Faulted due to Storm event, Woodbridge Blip	CLOSE		2/22/23 08:45 PM	2/23/23 12:00 AM	KPS-2 Pumps Faulted due to Storm event, Woodbridge Blip - <ul style="list-style-type: none">Initially Called back for Woodbridge power blip and restoreEnroute to station, I received another call for KPS-2 Lagoon HLInformed ORO on the alarmsChecked Woodbridge station, tested pumps, all goodUpon arrival, All duty Lagoon pumps faulted, LSW pumps unable to keep upInformed ORO who called Mike in to troubleshootBypass incident occurredSamples collected, MOE/SAC, MOH, Union Water all notifiedEnvironmental Incident Report completed--Kingsville and Lakeshore West Power outage, Dan P and Mike in to assistStations monitored Generators refilled with dieseland portable generator used to pump down until power restored

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3247260			5557, Kingsville Sewage PS 02	CALL	Refurbish/ Replace/Repair	0		Ice storm 5557	CLOSE		2/22/23 08:00 PM	2/24/23 12:41 PM	Ice storm 5557 - • Called in by Gary A for pump issues at K2 • arrived at station reset lagoon pumps go 2,3,4 on line and operating • got lsw pumps to show flow • power flickering set generator to test to run throughout storm • helped abe with Spills report • shut of LSW pumps as main plant was gettign overwhelmed with flow as per oro • checked on Kingsville 1 • went to coutry villllage to run generator • checked cottam pump stations • woodbrudge pump 1 faulted and reset • checked on ruthven High level •
3247265	000013545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Generator low battery alarm repairs 5557	CLOSE		2/24/23 12:49 PM	2/24/23 12:49 PM	Generator low battery alarm repairs 5557 - • Found low battery alarm on generator • battery was at 19 volts • UPIT found blown fuse • replaced fuse an tested generator
3261941	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	3/1/23 12:00 AM	3/27/23 11:13 AM	3/27/23 11:13 AM	
3261976	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	3/1/23 12:00 AM	3/7/23 08:23 AM	3/7/23 08:23 AM	Ran during outage Mar 3 -Generator supplied power to LSW6 during power outage Mar 3
3261988	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	3/1/23 12:00 AM	4/11/23 07:12 AM	4/11/23 07:12 AM	Completed checks and ran generator under load -
3262026	0000152709	NGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	3/1/23 12:00 AM	3/27/23 11:19 AM	3/27/23 11:19 AM	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975 -Generator ran for monthly work order March 8

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3262045	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	3/1/23 12:00 AM	3/21/23 09:20 AM	3/21/23 09:20 AM	Completed checks and ran generator -
3266825			5557, Kingsville WW Lagoon	PM	Health and Safety	1	YEARS	Fire Extinguisher Inspection/Service (1y) - 5557	CLOSE	3/1/23 12:00 AM	5/10/23 01:18 PM	5/10/23 01:18 PM	Completed annual inspections in March -
3266828			5956, Cottam WW Lagoon	PM	Health and Safety	1	YEARS	Fire Extinguisher Inspection/Service (1y) - 5956	CLOSE	3/1/23 12:00 AM	5/10/23 01:21 PM	5/10/23 01:21 PM	Completed annual inspections in March -
3288204			5956, Cottam WW Lagoon	OPER	Inspection	0		MBBR Sampling, 5956	COMP	3/1/23 07:00 AM	1/2/24 10:18 AM	1/2/24 10:18 AM	MBBR Sampling, 5956 - • collect and ship samples as requested by veolia
3288217			6975, Lakeshore West Sewage PS 06	CALL	Inspection	0		CALL IN for LSW6 Power Fail	CLOSE		3/3/23 07:15 PM	3/4/23 02:45 AM	CALL IN for LSW6 Power Fail - • Called in for LSW6 and many other calls following • Picked up portable generator at main plant and pumped station down • Monitored level between attending other alarms • Pumped down again with generator • Power restored around 0130 AM • Returned generator to main plant CALL IN for LSW6 Power Fail 2 - • Alarms at K1 K2 and K4 • Ruthven HL event • All restored

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3288220			5557, Kingsville Sewage PS 02	CALL	Refurbish/ Replace/Repair	0		Snow Storm 03/03/23 -5557	CLOSE		3/6/23 07:53 AM	3/6/23 08:01 AM	Snow Storm 03/03/23 -5557 - <ul style="list-style-type: none">Call by Dan P at 18:50 about K2 lagoon pump fault, arrive to station to see P1 faulted.VFD was good but mini cas was tripped19:10 call for K2 highlevelreset pump3 lagoon pumps running 2 LSw pump runnning level stayting constantcall for ruthven HLcheck ruthven station pumps operating normal level steady at 3.3M pump flow 31 L/SCall for LSw 1 pump 3 faultfind selectorswitch on pump 3 panel in off positionreset pump running fine no issuescheck K2 level fropping down to 1 lsw pumpRuthven level still 3.3Mtold to go home by Dan P
3288241			6975, Ruthven Sewage Pumping Station	CALL	Inspection	0		CALL IN for Ruthven HL Event	CLOSE		3/4/23 04:25 PM	3/4/23 09:55 PM	CALL IN for Ruthven HL Event - <ul style="list-style-type: none">Called for HLAttended station - both pumps pushing 32 L/sec combined and well level holding 3.29Monitored for faultsTrending shows both pumps ran from 1400-2200 - 8 hours constant - no precipitationHL restored at 2100 - monitored until well level trended down

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3288636	0000152732	PUMP SUBMERSIBLE	5956, Cottam Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Pull pump due to no flow 5956	CLOSE		3/13/23 07:11 AM	3/13/23 07:11 AM	Pull pump due to no flow 5956 - • Pull pump due to no flow and tested Pull pump due to no flow 5956 - • help Jeff with pump pull •
3288637	0000152967	Pump Submersible Lagoon 01, 5557 KPS2	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Pull Lagoon Pump #1 due to no flow 5557	CLOSE		3/13/23 07:12 AM	3/13/23 07:12 AM	Pull Lagoon Pump #1 due to no flow 5557 - • Pull pump due to pump being plugged • tested Pull Lagoon Pump #1 due to no flow 5557 - • assisted with pump pull and unplugging lagoon pump 1 Pull Lagoon Pump #1 due to no flow 5557 - • Assist with pulling and cleaning pump
3288638	0000152831	PUMP SUBMERSIBLE 2 LAGOON PS2 SEWAGE	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Pull Lagoon pump #2 due to no flow 5557	CLOSE		3/13/23 07:12 AM	3/13/23 07:12 AM	Pull Lagoon pump #2 due to no flow 5557 - • Pull pump and unplugged • tested Pull Lagoon pump #2 due to no flow 5557 - • assisted with pulling and unplugging lagoon pump 2 • re-installed and tested flow Pull Lagoon pump #2 due to no flow 5557 - • Assist with pump pull and cleaning

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3288713	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	3/9/23 12:00 AM	3/15/23 08:16 AM	3/15/23 08:16 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3290594	0000152986	PANEL Security/Alarm	5557, Kingsville Sewage PS 02	CALL	Refurbish/ Replace/Repair	0		Kingsville SP02 Alarm system not calling out-5557	CLOSE		3/21/23 03:01 PM	3/22/23 07:04 AM	Kingsville SP02 Alarm system not calling out-5557 - <ul style="list-style-type: none">Called by Abe T about K2 zone 5 and zone 8 issueszone 5 lagoon high levelzone 8 dry well high leveltalk Abe through bypassing zoneexplain how to check other alarmsasked him to notify OROasked him to contact security one and ask for a service techcalled by Abe was told he is unsure if alarms are calling outnotified by Abe he is leaving building unarmednotified by Abe about Bar Screen Fault and wash down fault in back gritt buildingWent to K2 to check on stations functionalityfaulted Lagoon pump and causes entry alarm fault neither alarms were called out by Security Onechecked security panel and key pad for functionalitychecked cell dialer for signalgot Keypad to bypass alarmsnotified ORO and tried to notify Manager for further stepsMonitored station all nightset more alarms through the nights with no callSet intrusion alarmsreset key padpreformed system test on key padflooded wellsno alarms called out until 05:50requested service from security one for later today Station Currently bypassed zones 5

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													and 8 alarms follow the wiring for those two zones all other alarms running at 2.4 VDC zones 5 and 8 at 6.5 VDC most wiring is under ground 06:29 got restore for lagoon highlevel after flipping dry well lagoon float
3291312			6975, Ruthven Sewage Pumping Station	CALL	Refurbish/ Replace/Repair	0		Call For Pump #1 Fault - 6975	CLOSE		3/27/23 09:01 AM	3/27/23 09:08 AM	Call For Pump #1 Fault - 6975 - <ul style="list-style-type: none">Call by Security one for a pump #1 fault at ruthvenarrive to pumping station Pump 1 faulted. pump 2 running Well level slowly risingopen up electrical panel power down pump 1test pump one electricalreset pump 1 vfdpump 1 back in operationboth pumps running well level droppingwatch station to level drops and shuts pumps offno call for restore
3291314			6975, Ruthven Sewage Pumping Station	CALL	Refurbish/ Replace/Repair	0		Ruthven pump 1 fault restore 6975	CLOSE		3/27/23 09:08 AM	4/5/23 10:56 AM	Ruthven pump 1 fault restore 6975 - <ul style="list-style-type: none">Called by security one at 02:30 for pump 1 fault restorerestore came in at 19:30 on 03/25/2023

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3291316			5557, Kingsville Sewage PS 02	CALL	Refurbish/ Replace/Repair	0		Kingsville SP02 Alarm system not calling out-5557	CLOSE		3/27/23 09:12 AM	3/27/23 09:19 AM	Kingsville SP02 Alarm system not calling out-5557 - <ul style="list-style-type: none">Call by Abe about security panel not cleaningwalk him through steps to by pass zonesask him to call a Sec one technicianwork out some other tests with operatorhe is unable to recieve alarms left building unarmed and notified mebarscreen building and washpress alarms come in from back grit buildingI arrive to K2 to test alarms I forced an intrusion a highlevel and a pump faultno calls recieved for any alarmsnotified ORO and managerstayed night to baby sit and debug issue
3307462	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	4/1/23 12:00 AM	4/24/23 02:52 PM	4/24/23 02:52 PM	Complete checks and run -
3307497	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	4/1/23 12:00 AM	4/24/23 07:54 AM	4/24/23 07:54 AM	
3307509	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	4/1/23 12:00 AM	4/24/23 07:04 AM	4/24/23 07:04 AM	Engine Diesel Insp/Test (1m) - 5956 - <ul style="list-style-type: none">ran diesel under loadall readings were normal and operating as designed
3307547	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	4/1/23 12:00 AM	4/25/23 12:51 PM	4/25/23 12:51 PM	Completed checks and ran generator -
3307566	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	4/1/23 12:00 AM	4/24/23 07:02 AM	4/24/23 07:02 AM	Engine Diesel Ruthven PS Insp/Test (1m) - 6975 - <ul style="list-style-type: none">ran diesel underloadall readings were normal and operating as designed

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3312193	0000134913	MOTOR PUMP GOLF COURSE	6975, Kingsville Golf Course	PM	Refurbish/ Replace/Repair	1	YEARS	Motor Pump Golf Course Insp (1y) - 6975	CLOSE	4/1/23 12:00 AM	5/3/23 01:49 PM	5/3/23 01:49 PM	Motor Pump Golf Course Insp (1y) - 6975 - • Electrically tested and inspected pump and panel
3312228	0000138310	SAMPLER Raw 5956	5956, Cottam Sewage PS 01	PM	Refurbish/ Replace/Repair	1	YEARS	Sampler Final Effluent Insp/Service (1y) - 6975	CLOSE	4/1/23 12:00 AM	4/11/23 07:26 AM	4/11/23 07:26 AM	Sampler Final Effluent Insp/Service (1y) - 6975 - • Clean and test • verify operation
3330187			Kingsville Wastewater Lagoon System	PM	Inspection	6	MONTHS	UPS Inspection/Maintenance (6m) 5557	CLOSE	4/1/23 12:00 AM	4/12/23 10:57 AM	4/12/23 10:57 AM	UPS Inspection/Maintenance (6m) 5557 - • Clean UPS • clean fans and vents • inspect battery • test operation and life time
3330198			Cottam Wastewater Treatment Lagoon	PM	Inspection	6	MONTHS	UPS Inspection/Maintenance (6 m) 5956	CLOSE	4/1/23 12:00 AM	5/3/23 11:24 AM	5/3/23 11:24 AM	UPS Inspection/Maintenance (6 m) 5956 - • UPS cleaned and inspected • battery life tested
3338015			5557, Kingsville Sewage PS 02	CAP	Refurbish/ Replace/Repair	0		LSW Side Wet Well Upgrades 5557	CLOSE		8/22/23 07:41 AM	8/22/23 07:41 AM	LSW Side Wet Well Upgrades 5557 - • work was completed by BGL
3338019			5557, Kingsville Sewage PS 02	CAP	Refurbish/ Replace/Repair	0		New Lagoon Pump 5557	CLOSE		7/20/23 07:32 AM	7/20/23 07:32 AM	
3338022			5956, Cottam Sewage PS 01	CAP	Refurbish/ Replace/Repair	0		New Pump for Cottam #1 for Spare 5956	CLOSE		7/20/23 07:31 AM	7/20/23 07:31 AM	New Pump for Cottam #1 for Spare 5956 - • Emailed Manager for approval on April 4, 2023 New Pump for Cottam #1 for Spare 5956 - • order pump from Xylem New Pump for Cottam #1 for Spare 5956 - • recieved new spare pump

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3338426	0000313553	METER LEVEL CONTROLER 5557	5557, Kingsville Sewage PS 01	CORR	Inspection	0		Kingsville SP01 Radar issues 5557	CLOSE		4/5/23 10:50 AM	4/5/23 10:57 AM	
3338476			5557, Kingsville Sewage PS 01	CALL	Inspection	0		CALL IN for K1 Milltronics HL	CLOSE		4/4/23 06:30 PM	4/5/23 03:06 PM	CALL IN for K1 Milltronics HL - <ul style="list-style-type: none">Called for HL milltronics alarmChecked on station and checked wellNoticed erratic climbing on milltronics displayCleaned face of head unit - issue continuedInformed ORO JubenvilleMaintenance Team to follow up
3338893	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	4/9/23 12:00 AM	4/24/23 02:53 PM	4/24/23 02:53 PM	Complete checks and run -
3340527			6975, Ruthven Sewage Pumping Station	CALL	Inspection	0		Ruthven station power blip	CLOSE		4/12/23 09:00 PM	4/13/23 12:30 AM	
3339753	0000313525	PUMP Submersible 2 Kingsville PS#4	5557, Kingsville Sewage PS 04 Bernath	CORR	Refurbish/ Replace/Repair	0		Submersible Pump Unplugged pump 2 5557	CLOSE		4/17/23 11:23 AM	4/17/23 11:23 AM	Submersible Pump Unplugged pump 2 5557 - <ul style="list-style-type: none">pulled pump and unpluggedinstalled new chain
3339884	0000152808	PUMP SUBMERSIBLE 1 PS#3	5557, Kingsville Sewage PS 03 Mcallum	CORR	Refurbish/ Replace/Repair	0		Submersible Pump Unplugged pump 1 5557	CLOSE		4/25/23 01:08 PM	4/25/23 01:08 PM	Submersible Pump Unplugged pump 1 5557 - <ul style="list-style-type: none">Pulled and unplugged w/ AbeInspected and reinstalledTested pump - ok
3340652	0000137638	METER LEVEL Pump Control	5956, Cottam Sewage PS 01	CALL	Refurbish/ Replace/Repair	0		Cottam SP01 Meter Pit HL 5956	CLOSE		4/19/23 07:04 AM	4/19/23 07:08 AM	Cottam SP01 Meter Pit HL 5956 - <ul style="list-style-type: none">Call by Sec one for Meter Pit High levelCall 20 min Later for Restorearrive at stationcheck pit no watertest pumps and station

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3340653	0000137638	METER LEVEL Pump Control	5956, Cottam Sewage PS 01	CALL	Refurbish/ Replace/Repair	0		Cottam SP01 Meter Pit HL 5956 -2	CLOSE		4/19/23 07:09 AM	4/19/23 07:11 AM	Cottam SP01 Meter Pit HL 5956 -2 - • Call again for Meter Pit HL • check pit again • unwire float from Keypad and bypass zone • notify ORO and manager • check station and leave
3340836	0000152765	PUMP SUBMERSIBLE 01	6975, Lakeshore West Sewage PS 06	CALL	Refurbish/ Replace/Repair	0		High Level LSW 6 6975	CLOSE		4/20/23 09:01 AM	4/20/23 09:06 AM	High Level LSW 6 6975 - • Call for High level at LSW 6 • Call for HL not restore • Arrive to station level normal pump 2 pumping pump 1 tripped • reset pump 1 high amps over 30 pump is plugged needs to be pulled • reset HL alarm • whipe off transducer head • test HL float • Float keeps tripping alarm • general alarm for pump 1 • bypass pump 1 alarm for night well needs cleaning •
3340922	0000152799	PANEL ALARM/ DIALER PS 06	6975, Lakeshore West Sewage PS 06	CALL	Refurbish/ Replace/Repair	0		LSW6 High Level 6975	CLOSE		4/21/23 08:39 AM	4/21/23 08:42 AM	LSW6 High Level 6975 - • Call for High level • Arrive to station in alarm • open well lids to see normal level and pump 2 off • use pump 2 tyo pump down well 22-19 amps • test high level float seems to be working
3340923	0000152799	PANEL ALARM/ DIALER PS 06	6975, Lakeshore West Sewage PS 06	CALL	Refurbish/ Replace/Repair	0		LSW 6 HL float issues 6975	CLOSE		4/21/23 08:43 AM	4/21/23 08:49 AM	LSW 6 HL float issues 6975 - • Check station as per ORO and Manager as we are down to one pump • tested pump and HL level float • Station OAD

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3341015	0000152765	PUMP SUBMERSIBLE 01	6975, Lakeshore West Sewage PS 06	CORR	Refurbish/ Replace/Repair	0		Submersible Pump Unplugged pump 1 6975	CLOSE		5/10/23 01:00 PM	5/10/23 01:00 PM	<div>Pulled and unplugged with Abe</div> <div>-</div> <div><ul style="list-style-type: none">Pulled and reseated pump 6 times with Abe - plugged again each timeStation needs cleaningSenior Ops says impeller needs adjustmentPulled pump and brought to plant for adjustment</div> <div>Submersible Pump Unplugged pump 1 6975</div> <div>-</div> <div><ul style="list-style-type: none">Pulled/removed pump 1 from LSW 6 and brought back to main plantImpeller needs adjusting</div> <div>Submersible Pump Unplugged pump 1 6975</div> <div>-</div> <div><ul style="list-style-type: none">adjusted gap on impellerinstalled pump in wet well and pulled wire into panel for electrician to wire in</div> <div>Submersible Pump Unplugged pump 1 6975</div> <div>-</div> <div><ul style="list-style-type: none">pulled pump 2 at lsw 6 due to high amp readings</div> <div>Submersible Pump Unplugged pump 1 6975</div> <div>-</div> <div><ul style="list-style-type: none">Pulled pump 1 at LSW 6 three times.Re-installed and testedLeft pump 1 in off until station can get cleaned</div>
3341795	0000152808	PUMP SUBMERSIBLE 1 PS#3	5557, Kingsville Sewage PS 03 Mcallum	CORR	Refurbish/ Replace/Repair	0		Repairs to Pump 1 due to low flow 5557	CLOSE		5/3/23 07:23 AM	5/3/23 07:23 AM	<div>Repairs to Pump 1 due to low flow 5557</div> <div>-</div> <div><ul style="list-style-type: none">pulled pump due to low flowadjusted impeller and testedinstalled new chain</div>

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3341897			6975, Kingsville Golf Course	OPER	Inspection	1	YEARS	Daily O&M Activities Kingsville Golf Club (1y) 6975	APPR	4/28/23 12:00 AM			Daily O&M Activities Kingsville Golf Club (1y) 6975 - • started to work on spare pump Daily O&M Activities Kingsville Golf Club (1y) 6975 - • turned on golf course pump as per clients request • collected golf course bacti Daily O&M Activities Kingsville Golf Club (1y) 6975 - • collected bacti Daily O&M Activities Kingsville Golf Club (1y) 6975 - • collected and packaged golf course bacti Daily O&M Activities Kingsville Golf Club (1y) 6975 - • winterized golf course pump Daily O&M Activities Kingsville Golf Club (1y) 6975 - • Winterized Kingsville Golf Course Pump
3341902	0000134914	PUMP CENT GOLF COURSE	6975, Kingsville Golf Course	PM	Refurbish/ Replace/Repair	6	MONTHS	Pump Centrifugal Golf Course Insp/ Service (6m) 6975	CLOSE	4/28/23 12:00 AM	5/15/23 07:20 AM	5/15/23 07:20 AM	Pump Centrifugal Golf Course Insp/ Service (6m) 6975 - • completed while doing annual
3341911	0000134914	PUMP CENT GOLF COURSE	6975, Kingsville Golf Course	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Cent Golf Course Insp/ Service (1y) - 6975	CLOSE	4/28/23 12:00 AM	5/15/23 07:20 AM	5/15/23 07:20 AM	-Removed pump and to prepare to install spare pump Pump Cent Golf Course Insp/Service (1y) - 6975 - • installed spare pump

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3356417	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557	CLOSE	5/1/23 12:00 AM	5/15/23 06:41 AM	5/15/23 06:41 AM	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557 - • ran under load • all readings were normal and operating as designed
3356452	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	5/1/23 12:00 AM	5/29/23 02:01 PM	5/29/23 02:01 PM	Completed checks and ran -
3356464	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	5/1/23 12:00 AM	5/17/23 01:07 PM	5/17/23 01:07 PM	Engine Diesel Insp/Test (1m) - 5956 - • ran under load • all readings/voltages/amperages were normal
3356502	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975	CLOSE	5/1/23 12:00 AM	5/15/23 06:52 AM	5/15/23 06:52 AM	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975 - • ran generator under load and checked all voltages/amperages and readings • all normal
3356521	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	5/1/23 12:00 AM	5/3/23 12:54 PM	5/3/23 12:54 PM	
3360781	0000134863	PANEL TRANSFER CONTROL CENTRE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Transfer Control Centre Ruthv Insp/Service (1y) - 6975	CLOSE	5/1/23 12:00 AM	10/17/23 08:25 AM	10/17/23 08:25 AM	Panel Transfer Control Centre Ruthve Insp/Service (1y) - 6975 - • deactivated pm

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3374687			5557, Kingsville Sewage PS 01	PM	Inspection	1	YEARS	5557 PS1 Equipment Insp.(1Y) 5557-SP01	CLOSE	5/1/23 12:00 AM	5/25/23 06:52 AM	5/25/23 06:52 AM	5557 PS1 Equipment Insp.(1Y) 5557-SP01 - • Started annuals • Pulled pump 2 and 3 - • Pulled pump 1 for annual inspection. Completed annual inspection. • Went through electrical panels, tightened lugs, and clean up. 5557 PS1 Equipment Insp.(1Y) 5557-SP01 - • started annual equipment inspection 5557 PS1 Equipment Insp.(1Y) 5557-SP01 - • completed annual inspection of equipment

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3374699			5557, Kingsville Sewage PS 02	PM	Inspection	1	YEARS	5557 PS2 Equipment Insp.(1Y) 5557-SP02	COMP	5/1/23 12:00 AM	11/16/23 01:50 PM	11/16/23 01:50 PM	5557 PS2 Equipment Insp.(1Y) 5557-SP02 - • started annual insp.maint on lagoon pumps 5557 PS2 Equipment Insp.(1Y) 5557-SP02 - • Started annuals on pump station. 5557 PS2 Equipment Insp.(1Y) 5557-SP02 - • Continued annuals, pulled pumps, tightened lugs in panels. 5557 PS2 Equipment Insp.(1Y) 5557-SP02 - • worked on annual inspections 5557 PS2 Equipment Insp.(1Y) 5557-SP02 - • completed
3374704			5557, Kingsville Sewage PS 03 Mcallum	PM	Inspection	1	YEARS	5557 PS3 Equipment Insp.(1Y) 5557-SP03	CLOSE	5/1/23 12:00 AM	5/31/23 02:06 PM	5/31/23 02:06 PM	5557 PS3 Equipment Insp.(1Y) 5557-SP03 - • completed annual inspection 5557 PS3 Equipment Insp.(1Y) 5557-SP03 - • Annuals on pump station • Tightened lugs, meggered cables, and amp checked

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3374736			5557, Kingsville Sewage PS 04 Bernath	PM	Inspection	1	YEARS	5557-PS4 Equipment Insp. (1Y)5557-SP04	CLOSE	5/1/23 12:00 AM	5/25/23 02:29 PM	5/25/23 02:29 PM	5557-PS4 Equipment Insp. (1Y)5557-SP04 - • completed annual inspections • installed new stainless chain on pumps • greased rotophase - • Pulled pump, tightened lugs in panels, and clean up.

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3382891			5956, Cottam WW Lagoon	CAP	Inspection	0		MBBR Commissioning,5956	APPR				MBBR Commissioning,5956 - • Commissioning MBBR with Veolia MBBR Commissioning,5956 - • Commissioning mbbr with veolia MBBR Commissioning,5956 - • commissioning mbbr with veolia MBBR Commissioning,5956 - • commissioning mbbr with veolia MBBR Commissioning,5956 - • commissioning mbbr with veolia MBBR Commissioning,5956 - • Kent compressor to pick up blower filter • home hardware for sampler line weight • set up both samplers • prepare for veolia site visit MBBR Commissioning,5956 - • collect samples and ship • plant inspection MBBR Commissioning,5956 - • Inspect station MBBR Commissioning,5956 - • inspect station

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
													MBBR Commissioning,5956 - • disk filter plugged • complete 5 cleaning cycles • install new strainer in chem cart MBBR Commissioning,5956 - • station check MBBR Commissioning,5956 - • station check
3384309	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	5/9/23 12:00 AM	5/15/23 06:43 AM	5/15/23 06:43 AM	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557 - • ran diesel underload with 5 pumps running • all readings and voltages/ amperages were normal
3385311			5557, Kingsville Sewage PS 01	CALL	Inspection	0		Call in High level alarm 5557	CLOSE		5/11/23 11:08 PM	5/11/23 11:59 PM	Call in High level alarm 5557 - • called in for high level alarm at Kingsville #1. • Security one said that they believe it restored. • Went to station to check • Station was operating as designed • possible power blip

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3386658			6975, Lakeshore West Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		repairs to pump rails 6975	CLOSE		7/4/23 01:35 PM	7/4/23 01:35 PM	repairs to pump rails 6975 - • worked with Nevtro for repairs to rails repairs to pump rails 6975 - • worked with Nevtro repairs to pump rails 6975 - • Worked with Nevtro repairing rails on pump station repairs to pump rails 6975 - • Worked with Nevtro repairing guard rails
3387534			6975, Ruthven Sewage Pumping Station	CALL	Inspection	0		Ruthven PS- Both pumps faulted	CLOSE		5/30/23 05:15 AM	5/30/23 06:00 AM	Ruthven PS- Both pumps faulted - • Ruthven PS- Both pumps faulted due to blip • hit reset on scada, unable to reset pumps • Called ORO, advised to shut off and power up disconnect on panel • pumps were reset, tested pump flow, all good
3387537			6975, Lakeshore West Sewage PS 03	CALL	Inspection	0		LSW-3 Panel fail alarm	CLOSE		5/28/23 02:30 PM	5/28/23 03:45 PM	LSW-3 Panel fail alarm - • Checked station, panel and security one keypad both have power upon arrival • Tested both pumps, all good

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3387694	0000152765	PUMP SUBMERSIBLE 01	6975, Lakeshore West Sewage PS 06	CORR	Refurbish/ Replace/Repair	0		Unplugged Pump and Change Capacitors 6975	CLOSE		7/5/23 01:34 PM	7/5/23 01:34 PM	Unplugged Pump and Change Capacitors 6975 - pulled and unplugged pump capacitors changed Unplugged Pump and Change Capacitors 6975 - Pulled pump, unplugged from debris. • Changed capacitors out due to low voltage
3387697	0000152854	FAN AXIAL EXHAUST Sand Filter Bldg.	5956, Cottam WW Lagoon	CORR	Refurbish/ Replace/Repair	0		Fan Repairs Changed Belt 5956	CLOSE		5/31/23 02:36 PM	5/31/23 02:36 PM	Fan Repairs Changed Belt 5956 - Changed belt on fan • vacuumed out from debris Fan Repairs Changed Belt 5956 - changed belt and test
3401713	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	6/1/23 12:00 AM	6/26/23 07:40 AM	6/26/23 07:40 AM	Completed checks and ran generator -
3401748	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	6/1/23 12:00 AM	6/12/23 07:05 AM	6/12/23 07:05 AM	Complete checks and ran - Engine Portable Insp/Test (1m) - 5557 - ran portable genny • topped up with diesel • Note: Hours meter doesn't work and microprocessor/controller doesn't work either • Ken from Lighthouse electric looking into
3401760	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	6/1/23 12:00 AM	6/14/23 07:44 AM	6/14/23 07:44 AM	Completed checks and ran generator June 13 -
3401798	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	6/1/23 12:00 AM	6/14/23 07:42 AM	6/14/23 07:42 AM	Completed checks and ran generator June 13 -

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3401817	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	6/1/23 12:00 AM	6/19/23 07:13 AM	6/19/23 07:13 AM	Completed checks and ran generator -
3406587	0000181585	PUMP SUBMERSIBLE Washroom Waste Sand Filter Bldg.	5956, Cottam WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Insp/Service (1y) - 5956	COMP	6/1/23 12:00 AM	11/16/23 07:26 AM	11/16/23 07:26 AM	Pump Submersible Insp/Service (1y) - 5956 - • not completed
3406596	0000134433	UPS BATTERY BANK	5956, Cottam WW Lagoon	PM	Inspection	1	YEARS	Ups Battery Bank Insp/Service (1y) - 5956	COMP	6/1/23 12:00 AM	12/5/23 07:26 AM	12/5/23 07:26 AM	Ups Battery Bank Insp/Service (1y) - 5956 - • UPS were tested and checked during the summer
3406609	0000134858	PUMP #1 RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Ruthven PS Insp/Service (1y) - 6975	CLOSE	6/1/23 12:00 AM	10/17/23 08:24 AM	10/17/23 08:24 AM	Pump #1 Ruthven PS Insp/Service (1y) - 6975 - • deactivated pm
3406613	0000134859	PUMP #2 RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Ruthven PS Insp/Service (1y) - 6975	CLOSE	6/1/23 12:00 AM	10/17/23 08:25 AM	10/17/23 08:25 AM	Pump #2 Ruthven PS Insp/Service (1y) - 6975 - • deactivated pm
3406637	0000134860	PUMP CONTROL PANEL RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Control Panel Ruthven PS Insp/Service (1y) - 6975	CLOSE	6/1/23 12:00 AM	10/17/23 08:26 AM	10/17/23 08:26 AM	Pump Control Panel Ruthven PS Insp/Service (1y) - 6975 - • deactivated pm
3421545			6975, Lakeshore West Sewage PS 04	PM	Inspection	1	YEARS	6975 PS4 equipment inspection (1Y) 6975-SP04	COMP	6/1/23 12:00 AM	11/30/23 02:08 PM	11/30/23 02:08 PM	6975 PS4 equipment inspection (1Y) 6975-SP04 - • Meggered Pumps 6975 PS4 equipment inspection (1Y) 6975-SP04 - • annual pump meggering completed and amperage checked

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3421669			6975, Lakeshore West Sewage PS 05	PM	Inspection	1	YEARS	6975-PS5 Equipment Insp(1Y) 6975-SP05	COMP	6/1/23 12:00 AM	11/30/23 02:09 PM	11/30/23 02:09 PM	6975-PS5 Equipment Insp(1Y) 6975-SP05 - • Meggered Pumps 6975-PS5 Equipment Insp(1Y) 6975-SP05 - • annual pump meggering completed and amperage checked
3421674			6975, Lakeshore West Sewage PS 03	PM	Inspection	1	YEARS	6975 PS3 equipment inspection (1Y) 6975-SP03	COMP	6/1/23 12:00 AM	11/30/23 02:07 PM	11/30/23 02:07 PM	6975 PS3 equipment inspection (1Y) 6975-SP03 - • Meggered pumps 6975 PS3 equipment inspection (1Y) 6975-SP03 - • annual pump meggering completed and amperage checked
3421679			6975, Lakeshore West Sewage PS 02	PM	Inspection	1	YEARS	6975 PS2 Equipment Inspection (1Y) 6975-SP02	COMP	6/1/23 12:00 AM	11/30/23 02:07 PM	11/30/23 02:07 PM	6975 PS2 Equipment Inspection (1Y) 6975-SP02 - • Meggered pumps 6975 PS2 Equipment Inspection (1Y) 6975-SP02 - • annual pump meggering completed and checked amperage
3421684			6975, Lakeshore West Sewage PS 01	PM	Inspection	1	YEARS	6975 PS1 Equipment Insp.(1Y) 6975-SP01	COMP	6/1/23 12:00 AM	12/20/23 06:48 AM	12/20/23 06:48 AM	6975 PS1 Equipment Insp.(1Y) 6975-SP01 - • worked was not completed

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3421694			6975, Ruthven Sewage Pumping Station	PM	Inspection	1	YEARS	6975 PS1 Equipment Insp.(1Y) 6975-SPRU	COMP	6/1/23 12:00 AM	11/30/23 02:06 PM	11/30/23 02:06 PM	6975 PS1 Equipment Insp.(1Y) 6975-SPRU - • Meggered pumps 6975 PS1 Equipment Insp.(1Y) 6975-SPRU - • annual pump meggering completed and amerage checked
3422236			6975, Lakeshore West Sewage PS 06	PM	Inspection	1	YEARS	6975PS6 Equipment Inspection (1Y)6975-SP06	COMP	6/1/23 12:00 AM	12/20/23 06:49 AM	12/20/23 06:49 AM	6975PS6 Equipment Inspection (1Y)6975-SP06 - • not completed, but pumps have been inspected when pulled to unplug during 2023
3432643	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	6/9/23 12:00 AM	6/26/23 07:40 AM	6/26/23 07:40 AM	Completed checks and ran generator -
3433198			5956, Cottam Sewage PS 01	CALL	Inspection	0		Call Back, 5956 CPS 1	COMP		6/12/23 07:07 AM	1/2/24 10:14 AM	Call Back, 5956 CPS 1 - • call in for generator running
3433543			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Call in for lagoon high level 5557	CLOSE		6/13/23 08:26 PM	6/13/23 09:30 PM	Call in for lagoon high level 5557 - • called for lagoon high level alarm caused by storm event • inspected station, 3 lagoon pumps running and 1 LSW pump running • monitored station until restore
3433598			6975, Kingsville Golf Course	CORR	Refurbish/ Replace/Repair	0		Electrical Conduit Repairs to KGCC Pump Station	CLOSE		8/22/23 08:32 AM	8/22/23 08:32 AM	Electrical Conduit Repairs to KGCC Pump Station - • Repaired conduits that had been damaged.

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3434046			6975, Lakeshore West Sewage PS 05	CALL	Inspection	0		Cal in Power interruption - 6975	CLOSE		6/14/23 05:14 PM	6/14/23 06:30 PM	Cal in Power interruption - 6975 - • Call in to LSW #3,4,5 for pump faults and high level alarm • Found pumps faulted causing high level due to power blip • reset and tested
3435012			6975, Ruthven Sewage Pumping Station	CORR	Refurbish/ Replace/Repair	0		Force Main Flushing - 6975	CLOSE		8/22/23 08:32 AM	8/22/23 08:32 AM	Force Main Flushing - 6975 - • Went to check bolts on flange Force Main Flushing - 6975 - • started to prep for flushing • loosened all bolts Force Main Flushing - 6975 - • hurricanes onsite flushing Force Main Flushing - 6975 - • Met Hurricane/Heatons for force main flush
3435013			5557, Kingsville WW Lagoon	CORR	Refurbish/ Replace/Repair	0		Install Line reactor on transfer pump VFD - 5557	CLOSE		7/5/23 01:35 PM	7/5/23 01:35 PM	Install Line reactor on transfer pump VFD - 5557 - • Put wires in seal tight, install line reactor Install Line reactor on transfer pump VFD - 5557 - • completed
3435074	0000313548	PUMP SUBMERSIBLE 1 5956	5956, Cottam Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Pull and unplug submersible pump #1 -5956	CLOSE		6/23/23 02:25 PM	6/23/23 02:25 PM	
3435392			6975, Lakeshore West Sewage PS 06	CALL	Inspection	0		CALL IN for LSW6 Power Fail	CLOSE		6/24/23 03:00 PM	6/24/23 05:05 PM	CALL IN for LSW6 Power Fail - • Called for A/C Power Fail at LSW6 • Called Hydro One - planned outage in the area • Arrived as power restored • Tested pumps and logged event • All restored

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3436023	0000152967	Pump Submersible Lagoon 01, 5557 KPS2	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Submersible Lagoon Pump Unplugged pump 1 5557	CLOSE		6/29/23 12:08 PM	6/29/23 12:08 PM	Pulled and unplugged lagoon pump 1 - <ul style="list-style-type: none">Pulled pump with AbeTshirt in impellerReinstalled and tested
3436024	0000152831	PUMP SUBMERSIBLE 2 LAGOON PS2 SEWAGE	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Submersible Lagoon Pump Unplugged pump 2 5557	CLOSE		6/29/23 12:07 PM	6/29/23 12:07 PM	Pulled and unplugged lagoon pump 2 - <ul style="list-style-type: none">Pulled pump with AbeUnplugged rags around impellerReinstalled and tested
3436026	0000313548	PUMP SUBMERSIBLE 1 5956	5956, Cottam Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Submersible Pump Unplugged pump 1 5956	CLOSE		6/29/23 12:12 PM	6/29/23 12:12 PM	Pulled and unplugged pump 1 at Cottam 1 - <ul style="list-style-type: none">Pulled pump 1 with AbeUnplugged impellerReinstalled and tested
3450567	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	7/1/23 12:00 AM	7/13/23 12:51 PM	7/13/23 12:51 PM	
3450602	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	7/1/23 12:00 AM	7/13/23 02:36 PM	7/13/23 02:36 PM	Completed checks and ran generator -
3450614	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	7/1/23 12:00 AM	7/28/23 12:24 PM	7/28/23 12:24 PM	Engine Diesel Insp/Test (1m) - 5956 - <ul style="list-style-type: none">generator ran for monthly check
3450652	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	7/1/23 12:00 AM	7/13/23 12:56 PM	7/13/23 12:56 PM	
3450671	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	7/1/23 12:00 AM	7/13/23 12:54 PM	7/13/23 12:54 PM	
3455244			5557, Kingsville WW Lagoon	PM	Health and Safety	1	YEARS	Lifting Equipment Insp Route (1y) - 5557	CLOSE	7/1/23 12:00 AM	10/17/23 08:10 AM	10/17/23 08:10 AM	Lifting Equipment Insp Route (1y) - 5557 - <ul style="list-style-type: none">work was completed byA-lift
3455247			5956, Cottam WW Lagoon	PM	Health and Safety	1	YEARS	Lifting Equipment Insp Route (1y) - 5956	CLOSE	7/1/23 12:00 AM	10/17/23 08:08 AM	10/17/23 08:08 AM	Lifting Equipment Insp Route (1y) - 5956 - <ul style="list-style-type: none">work was completed by A-lift

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3469662			5956, Cottam Sewage PS 01	PM	Inspection	1	YEARS	5956 PS1 equipment inspection (1Y) 5956-SP01	CLOSE	7/1/23 12:00 AM	11/14/23 07:48 AM	11/14/23 07:48 AM	5956 PS1 equipment inspection (1Y) 5956-SP01 - • not completed
3469667			5956, Cottam Sewage PS 02	PM	Inspection	1	YEARS	5956 PS2 equipment inspection (1Y) 5956-SP02	CLOSE	7/1/23 12:00 AM	7/28/23 06:56 AM	7/28/23 06:56 AM	5956 PS2 equipment inspection (1Y) 5956-SP02 - • completed equipment checks 5956 PS2 equipment inspection (1Y) 5956-SP02 - • Pulled pumps for annual inspection
3479716			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Kingsville Storm Event KPS 1,2 In HL	CLOSE		7/1/23 12:45 AM	7/1/23 03:30 PM	Kingsville Storm Event KPS 1,2 In HL - • Called @ 0045 for KPS-2 Lagoon HL, KPS-1 HL milltronics due to isolated storm event over Kingsville • Checked stations • Also called with LSW control grit building alarm due to power blip. Reset SCADA and cleared alarm. • Checked stations and continued to monitor. • Pumps operating to keep up with inflow. • Alarms restored as rain stopped
3480760	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	7/9/23 12:00 AM	7/13/23 12:53 PM	7/13/23 12:53 PM	
3482309	0000138730	PUMP SUBMERSIBLE 3 PS 01	6975, Lakeshore West Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Pull Pump #3 Due to Faults, 6975	APPR				Pull Pump #3 Due to Faults, 6975 - • Pulled pump 3 due to faults Pull Pump #3 Due to Faults, 6975 - • picked up boom truck • pulled pump #3 •

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3483783			5557, Kingsville Sewage PS 02	CALL	Inspection	0		called in for storm event..power outages	CLOSE		7/26/23 05:00 PM	7/26/23 08:15 PM	called in for storm event..power outages - • called-in by Gary for storm event • monitored main plant and Kingsville Pump Station 2 • UPS failed at KPS-2 and hard drive • used back-up hard drive and scada came back on • checked on LSW pump stations 1-5
3483996			5956, Cottam Sewage PS 02	CALL	Inspection	0		Call Back, 5956 CPS2	CLOSE		7/25/23 08:30 PM	7/25/23 09:30 PM	Call Back, 5956 CPS2 - • call back to verify pump operation and well levels after install of new control panel
3484297			5956, Cottam Sewage PS 01	CALL	Inspection	0		Call Back, 5956 CPS1	CLOSE		7/29/23 11:45 AM	7/29/23 12:15 PM	Call Back, 5956 CPS1 - • call back for generator running • monitor station until line power returned • rest tripped overloads on MBBR
3497082	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	8/1/23 12:00 AM	8/18/23 09:56 AM	8/18/23 09:56 AM	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557 - • ran generator under load • checked all amperages/voltages and readings.... all normal
3497117	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	8/1/23 12:00 AM	8/14/23 09:57 AM	8/14/23 09:57 AM	Completed checks and ran generator -
3497129	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	8/1/23 12:00 AM	8/22/23 07:20 AM	8/22/23 07:20 AM	
3497167	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	8/1/23 12:00 AM	8/29/23 10:02 AM	8/29/23 10:02 AM	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975 - • ran during major storm event on August 24th and 25th • all readings were normal

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3497186	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	8/1/23 12:00 AM	8/21/23 07:00 AM	8/21/23 07:00 AM	Engine Diesel Ruthven PS Insp/Test (1m) - 6975 - • ran generator under load with 2 pumps running • all readings, voltages and amperages were normal
3501149	0000181578	PUMP SUBMERSIBLE # 1 Sand Filter Influent	5956, Cottam WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Insp/Service (1y) - 5956	COMP	8/1/23 12:00 AM	11/16/23 07:22 AM	11/16/23 07:22 AM	Pump Submersible Insp/Service (1y) - 5956 - • not completed
3501158	0000181579	PUMP SUBMERSIBLE # 2 Sand Filter Influent	5956, Cottam WW Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Submersible Insp/Service (1y) - 5956	COMP	8/1/23 12:00 AM	11/16/23 07:23 AM	11/16/23 07:23 AM	Pump Submersible Insp/Service (1y) - 5956 - • not completed
3524222	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	8/9/23 12:00 AM	8/27/23 09:18 AM	8/27/23 09:18 AM	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557 - • ran under load with 3 lagoon and 2 lsw pumps • all readings were normal
3524924			6975, Ruthven Sewage Pumping Station	CALL	Inspection	0		CALL IN for Ruthven HL Event	CLOSE		8/11/23 08:32 PM	8/12/23 03:02 AM	CALL IN for Ruthven HL Event - • Called for Milltronics HL alarm • Both pumps running on arrival • Monitored station and well level until recession • Alarm restored
3525208	0000152710	GENERATOR ELECTRIC	6975, Lakeshore West Sewage PS 02	CAP	Refurbish/ Replace/Repair	0		TSSA Generator Upgrades Cedar Island -6975-SP02	COMP		11/17/23 07:18 AM	11/17/23 07:18 AM	TSSA Generator Upgrades Cedar Island -6975-SP02 - • worked was completed by Vulcan
3525209	0000152878	LAGOON CELL COTTAM WW	5956, Cottam WW Lagoon	CAP	Refurbish/ Replace/Repair	0		Cottam Lagoon Interconnect 5956	COMP		12/20/23 07:04 AM	12/20/23 07:04 AM	Cottam Lagoon Interconnect 5956 - • worked was completed

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3525231			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Call Back, 5557 KPS2	CLOSE		8/14/23 10:30 PM	8/15/23 12:45 AM	Call Back, 5557 KPS2 - • Call in for bypass at KPS2 • bypass due to construction on LSW side and heavy rain event
3525286			5557, Kingsville Sewage PS 02	CALL	Inspection	0		CALL IN for HL Float at K2	CLOSE		8/14/23 09:44 PM	8/15/23 06:30 AM	CALL IN for HL Float at K2 - • Called for HL at K2 and subsequent calls for HL at K1 and Country Village and Woodbridge and Ruthven • Called in Backup Operator Abe to attend Country Village and Woodbridge and Ruthven • Attended K2 and K1 to monitor and assess - K2 bypassing • Collected samples and notified SAC MOH and Union Water • Continued monitoring HL and bypass event and informed ORO of bypass • Monitored until end and notified SAC MOH and Union Water • Attended Ruthven HL after Abe left and monitored until shift start

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3526130			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Called for Kingsville PS-2 Lagoon High Level alarm	CLOSE		8/15/23 06:00 PM	8/15/23 11:00 PM	- <ul style="list-style-type: none">Called for Kingsville PS-2 Lagoon High Level alarm due to storm eventUpon arrival, all 3 duty pumps operating and dropped well level, but alarm not restoredInspected well and tested float with no calls or alarms.Contacted ORO for assistance in troubleshooting issue, suspected that the float was faultyUPIT called to install new floatFound a second float located in manhole during station maintenance connected to lagoon HL float, this one was trippedTested alarms, all goodPump in manhole was tripping out when energized, pulled and found it was plugged. removed rags and reset in manhole.Pump tested, all good.
3526149			5557, Kingsville Sewage PS 04 Bernath	CALL	Inspection	0		Power blip at Kingsville PS-4 Bernath	CLOSE		8/16/23 02:30 AM	8/16/23 03:00 AM	Powr blip at Kingsville PS-4 Bernath - Powr blip at Kingsville PS-4 Bernath <ul style="list-style-type: none">Called at 0200 for pump fault, communication failureChecked station, no alarms at station.Tested pumps, All good
3525755			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Call Back, 5557 KPS2	CLOSE		8/15/23 05:00 PM	8/15/23 10:30 PM	Call Back, 5557 KPS2 - <ul style="list-style-type: none">call in for stuck float and plugged pumppull pump, clear blockage return to manhole

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3525767			5557, Kingsville Sewage PS 02	CALL	Refurbish/ Replace/Repair	0		Call Back, Called in by ORO for K2	CLOSE		8/15/23 08:23 PM	8/15/23 11:59 PM	Call Back, Called in by ORO for K2 - • Got called in for float issue, float checked out as working. • Found pump to be plugged. Pulled pump, removed debris and back into service
3527084			6975, Ruthven Sewage Pumping Station	CALL	Inspection	0		called in for hl float alarm at ruthven pump station	CLOSE		8/23/23 06:32 PM	8/23/23 09:00 PM	called in for hl float alarm at ruthven pump station - • called in for hl float alarm • station was already in hl milltronics alarm, however level went up and tripped float • level began to decrease and hl float alarm now cleared. • armed station
3527469			5956, Cottam Sewage PS 01	CALL	Inspection	0		CALL IN for Cottam 1 HL due to storm	CLOSE		8/23/23 11:45 PM	8/24/23 06:30 AM	CALL IN for Cottam 1 HL due to storm -• Called in by Sprague for multiple alarms • Cottam 1 HL, Country Village HL, Woodbridge HL • Attended stations and made sure all pumps operating normally - continued to monitor • At 0205 called for pump truck for Cottam 1 station to manage well level - on hold until 0235 • Started pumping truck loads out of Cottam 1 and continued through regular shift • Total of 20 pump truck loads taken out of Cottam 1 from 0430 to 1600
3541708	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	9/1/23 12:00 AM	9/13/23 11:51 AM	9/13/23 11:51 AM	Completed Sept 11 -
3541743	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	9/1/23 12:00 AM	9/29/23 07:05 AM	9/29/23 07:05 AM	Engine Portable Insp/Test (1m) - 5557 - • ran for 1.0hr. ...all fluid levels are normal

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3541755	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	9/1/23 12:00 AM	9/22/23 06:52 AM	9/22/23 06:52 AM	Generator ran during power outage -
3541793	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975	CLOSE	9/1/23 12:00 AM	9/22/23 06:54 AM	9/22/23 06:54 AM	Completed checks and ran generator Sep 13 -
3541812	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	9/1/23 12:00 AM	9/13/23 11:54 AM	9/13/23 11:54 AM	Complete Sept 12 -
3571077			6975, Lakeshore West Sewage PS 04	CALL	Inspection	0		Call Back, 6975 Main Plant	CLOSE		9/3/23 01:00 PM	9/3/23 02:15 PM	Call Back, 6975 Main Plant - <ul style="list-style-type: none">call in for loss of comm, power station down and restartpump fault did page out and received calltested pumps
3572306	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/Test (1m) - 5557	CLOSE	9/9/23 12:00 AM	9/22/23 06:49 AM	9/22/23 06:49 AM	Completed checks and ran generator Sept 18 -
3572770			5557, Kingsville Sewage PS 04 Bernath	CALL	Inspection	0		call in pump fault/ no comm 5557	CLOSE		9/8/23 12:30 AM	9/8/23 01:30 AM	call in pump fault/ no comm 5557 - <ul style="list-style-type: none">called for loss of comm and pump fault but security one was unsure if there was a restore.checked station and found everything good.
3573895	0000138897	PUMP SUBMERSIBLE 01 KINGSVILLE PS #2 LSW	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Pull and unplug LSW submersible pump #1 -5557	COMP		11/16/23 01:51 PM	11/16/23 01:51 PM	Pull and unplug LSW submersible pump #1 -5557 - <ul style="list-style-type: none">pull and unplug pumpreinstalled and tested
3573958			5557, Kingsville Sewage PS 04 Bernath	CALL	Inspection	0		Kingsville Pump Station 4 Power Blip	CLOSE		9/18/23 11:36 AM	10/16/23 07:26 AM	Kingsville Pump Station 4 Power Blip - <ul style="list-style-type: none">Called for Low Level, General alarms, no restoreReset alarms upon arrivalTested pumps, station running as designed

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3574078			5557, Kingsville Sewage PS 01	CALL	Inspection	0		Kingsville Pump Station 1- Power Blip	CLOSE		9/19/23 08:57 AM	9/19/23 09:31 AM	Kingsville Pump Station 1- Power Blip - <ul style="list-style-type: none">Called for a high level milltronics alarmUpon arrival, cleared alarm from keypadTested pumps, pumped well downStation operating as designed
3574994			5557, Kingsville Sewage PS 02	CALL	Inspection	0		CALL IN for multiple station power outage	CLOSE		9/23/23 04:56 AM	9/23/23 08:00 AM	CALL IN for multiple station power outage - <ul style="list-style-type: none">Called for Kingsville 1 and 2 diesel on and power failKingsville 4, and LSW 1, 3-5, and Cottam 1-2 and Woodbridge all power fail with some pump faultsAnd grit building alarmAttended main plant and reset scada and alarmsGenerators off upon arrival at K1 and 2Checked all stations affected - all restored
3575077	0000134851	PUMP SUBMERSIBLE PUMP #1 PS #2	5956, Cottam Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Pulled pump at Cottam 2 and unplugged	CLOSE	9/22/23 01:40 PM	9/22/23 01:40 PM	9/22/23 01:40 PM	Pulled and unplugged pump 1 at Cottam 2 -• Pulled and unplugged pump 1 w Sprague • Tested pump - ok
3590284	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	CLOSE	10/1/23 12:00 AM	10/20/23 08:22 AM	10/20/23 08:22 AM	
3590319	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	CLOSE	10/1/23 12:00 AM	10/4/23 11:46 AM	10/4/23 11:46 AM	Completed checks and ran generator -
3590331	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	CLOSE	10/1/23 12:00 AM	10/6/23 07:35 AM	10/6/23 07:35 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3590369	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	CLOSE	10/1/23 12:00 AM	10/31/23 07:23 AM	10/31/23 07:23 AM	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975 - • Monthly generator run completed on October 17 2023
3590388	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	10/1/23 12:00 AM	10/16/23 07:47 AM	10/16/23 07:47 AM	
3611902			Kingsville Wastewater Lagoon System	PM	Inspection	6	MONTHS	UPS Inspection/Maintenance (6m) 5557	COMP	10/1/23 12:00 AM	12/20/23 07:00 AM	12/20/23 07:00 AM	UPS Inspection/Maintenance (6m) 5557 - • work was completed during planned power outages
3611913			Cottam Wastewater Treatment Lagoon	PM	Inspection	6	MONTHS	UPS Inspection/Maintenance (6 m) 5956	COMP	10/1/23 12:00 AM	12/20/23 06:54 AM	12/20/23 06:54 AM	UPS Inspection/Maintenance (6 m) 5956 - • completed
3621266			5557, Kingsville Sewage PS 01	CALL	Inspection	0		called in to kps-1 for hl milltronics	CLOSE		10/5/23 04:26 PM	10/5/23 07:10 PM	called in to kps-1 for hl milltronics - • called in to kps-1 for a hl milltronics • checked station and tested pump flows for all three pumps possible power blip in area • vega reading 1.21M and cycling at required setpoints

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3621417			5557, Kingsville Sewage PS 01	CALL	Inspection	0		called in for hl milltronics at kps-1	CLOSE		10/6/23 01:11 AM	10/6/23 04:00 AM	called in for hl milltronics at kps-1 - • called in for a high level milltronics with a restore followed by another hl milltronics with no restore. • arrived at station and found only one pump running.... heavy rain was in the area that night • cleaned vega head and re-positioned • tested hl float alarm • reset keypad • Jeff/Trevor adjusted readings on the Vega later that day to buffer out any false echo's
3621929	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	CLOSE	10/9/23 12:00 AM	11/3/23 08:26 AM	11/3/23 08:26 AM	
3622310			6975, Ruthven Sewage Pumping Station	PM	Inspection	0		Ruthven Smoke Testing 2023	COMP	10/10/23 08:15 AM	12/18/23 09:28 AM	12/18/23 09:28 AM	Ruthven Smoke Testing 2023 - • Smoke Testing for Ruthven • County road 34, Elgin, Union and 34 Completed -
3624135			5557, Kingsville Sewage PS 02	CALL	Inspection	0		Call Back, 5557 KPS2	CLOSE		10/17/23 01:30 AM	10/17/23 03:00 AM	Call Back, 5557 KPS2 - • call in to inspect well levels for lsw and lagoons
3624963	0000134914	PUMP CENT GOLF COURSE	6975, Kingsville Golf Course	PM	Refurbish/ Replace/Repair	6	MONTHS	Pump Centrifugal Golf Course Insp/ Service (6m) 6975	COMP	10/28/23 12:00 AM	12/5/23 07:29 AM	12/5/23 07:29 AM	Pump Centrifugal Golf Course Insp/ Service (6m) 6975 - • pump was winterized • time was put on daily O&M

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3637928	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557	CLOSE	11/1/23 12:00 AM	11/14/23 01:46 PM	11/14/23 01:46 PM	Engine Diesel Kingsville PS1 Insp/Test (1m) - 5557 - • ran generator under load with three pumps running • all readings and fluid levels normal
3637963	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	COMP	11/1/23 12:00 AM	12/18/23 08:06 AM	12/18/23 08:06 AM	Engine Portable Insp/Test (1m) - 5557 - • Ran for monthly work order Nov.28th
3637975	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	COMP	11/1/23 12:00 AM	11/17/23 07:21 AM	11/17/23 07:21 AM	Engine Diesel Insp/Test (1m) - 5956 - • ran genny for monthly work order • all readings and fluid levels were normal
3638013	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975	COMP	11/1/23 12:00 AM	11/17/23 07:18 AM	11/17/23 07:18 AM	Engine Diesel CDR ISL PS2 Insp/Test (1m) - 6975 - • ran genny for monthly work order • all readings and fluid levels were normal
3638032	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	CLOSE	11/1/23 12:00 AM	11/14/23 01:47 PM	11/14/23 01:47 PM	Engine Diesel Ruthven PS Insp/Test (1m) - 6975 - • ran generator under load with two pumps • all readings and fluid levels were normal
3663601	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/Test (1m) - 5557	COMP	11/9/23 12:00 AM	11/16/23 01:52 PM	11/16/23 01:52 PM	Engine Diesel Kingsville PS2 Insp/Test (1m) - 5557 - • test ran for monthly

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3664033	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	CORR	Refurbish/ Replace/Repair	0		Diesel generator repair 6975	CLOSE		11/10/23 07:27 AM	11/10/23 07:27 AM	Diesel generator repair 6975 - • Lighthouse electric onsite installing new block heater, checking battery charger and calibrating amp meter
3664976	0000138896	PUMP SUBMERSIBLE 02 KINGSVILLE PS #2 LSW	5557, Kingsville Sewage PS 02	CORR	Refurbish/ Replace/Repair	0		Submersible pump repair LSW 2 5557	COMP		1/22/24 08:23 AM	1/22/24 08:23 AM	Submersible pump repair LSW 2 5557 - • new work made for new year (3761469)
3665434			5557, Kingsville WW Lagoon	OPER	Predictive Maintenance	0		Lagoon Treatment, Kingsville 5557	COMP		2/12/24 09:19 AM	2/12/24 09:19 AM	Lagoon Treatment, Kingsville 5557 - • treat cells 4 and 5
3679402	0000134880	ENGINE DIESEL KINGSVILLE PS1	5557, Kingsville Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS1 Insp/ Test (1m) - 5557	COMP	12/1/23 12:00 AM	12/5/23 02:53 PM	12/5/23 02:53 PM	Completed checks and ran generator -
3679437	0000138850	ENGINE DIESEL PORTABLE LSW	6975, Lakeshore West Sewage PS 01	PM	Inspection	1	MONTHS	Engine Portable Insp/Test (1m) - 5557	COMP	12/1/23 12:00 AM	12/12/23 11:10 AM	12/12/23 11:10 AM	Engine Portable Insp/Test (1m) - 5557 - • ran generator and checked diesel level...all good
3679449	0000313551	GENERATOR ELECTRIC 5956	5956, Cottam Sewage PS 01	PM	Inspection	1	MONTHS	Engine Diesel Insp/Test (1m) - 5956	COMP	12/1/23 12:00 AM	12/11/23 07:09 AM	12/11/23 07:09 AM	Completed checks and ran generator - Completed 12/07 -
3679487	0000152709	ENGINE DIESEL GENSET LSW PS2	6975, Lakeshore West Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel CDR ISL PS2 Insp/ Test (1m) - 6975	COMP	12/1/23 12:00 AM	12/5/23 02:55 PM	12/5/23 02:55 PM	Completed checks and ran generator -
3679506	0000134847	GENERATOR ENGINE RUTHVEN PS	6975, Ruthven Sewage Pumping Station	PM	Inspection	1	MONTHS	Engine Diesel Ruthven PS Insp/Test (1m) - 6975	COMP	12/1/23 12:00 AM	12/18/23 06:58 AM	12/18/23 06:58 AM	Completed checks and ran generator Dec 6 -
3704629	0000313545	GENERATOR Electric Standby Kingsville 2	5557, Kingsville Sewage PS 02	PM	Inspection	1	MONTHS	Engine Diesel Kingsville PS2 Insp/ Test (1m) - 5557	COMP	12/9/23 12:00 AM	12/18/23 07:59 AM	12/18/23 07:59 AM	Completed checks and ran generator Dec 4 -

Workorder Summary Report

Report Start Date: Jan 1, 2023 12:00 AM

Report End Date: Dec 31, 2023 11:59 PM

Location: 6975-SP03,6975-SP04,6975-SP05,6975-SP02,6975-SP01,6975-SP06,6975-SPKG,6975-SPRU,5557*,5956*

Work Order Type: All Workorder Type

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
3706493			6975, Lakeshore West Sewage PS 05	CALL	Inspection	0		LSW 4&5 Power blip	COMP		12/21/23 07:43 AM	12/21/23 07:45 AM	LSW 4&5 Power blip - <ul style="list-style-type: none">Called for LSW 4&5 pump 1+2 faults with restoresChecked both stations, tested pumps, cleared panel of alarms

Appendix II

Summary of Collection System Overflows & Spills

The Corporation of the Town of Kingsville

Municipal Wastewater Quarterly Bypass-Overflow Summary Report

 Year: 2023
 Quarter: 4th

Facility Bypass/Overflow Locations	
Facility	System Works #
Lakeshore West WPCP	110003521
Cottam Wastewater Lagoon	110002005
Kingsville Lagoons	20001078
Sewage Pumping Station Overflow Locations	
Pumping Station	System Works #
Kingsville Pump Station #1	20001078
Kingsville Pump Station #2	20001078

Sewage Treatment Plant Bypass/Overflow										Sampling Parameters			
Event #	Service Area/Location	System Works #	Bypass/Overflow Reporting	Date (mm/dd/yyyy)	Start Time (hh:mm)	Duration (hrs)	Volume (m ³)	Disinfection Provided	Reason	CBOD5 (mg/L)	TSS (mg/L)	TP (mg/L)	TAN (mg/L)
													s

Sewage Pumping Station Overflow										Sampling Parameters				
Event #	Service Area/Location	System Works #	Bypass/Overflow Reporting	Date (mm/dd/yyyy)	Start Time (hh:mm)	Duration (hrs)	Volume ³ (m)	Disinfection Provided	Reason	CBOD5 (mg/L)	TSS (mg/L)	TP (mg/L)	TKN (mg/L)	E. coli (cfu/100mL)
1	Kingsville Pump Station #2	20001078	Overflow	02/22/2023	20:30	3 Hrs	10.8	No	Ice Storm	109	199	3.16		1020000
2	Kingsville Pump Station #2	20001078	Overflow	08/14/2023	22:25	2.5 Hrs	9	No	Rain Event	53	117	.96		126000
3	Kingsville Pump Station #2	20001078	Overflow	08/24/2023	00:23	36 Hrs	130	No	Rain Event	59	223	.95		NDOGEC
4	Kingsville Pump Station #1	20001078	Overflow	08/24/2023	01:30	35 Hrs	127.14	No	Rain Event	Sample was unable to be collected due to high water levels.				

Submitted by: