



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Annual Performance Report
Essex Sewage Collection System

ECA# 029-W601

For the year

2024

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

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The annual performance report pertaining to the Essex Sewage Collection System for the operating year 2024 has been prepared by the Ontario Clean Water Agency. This report is submitted to the Director on behalf of the Owner in accordance with Schedule E Section 4.6 of the Environmental Compliance Approval (ECA) 029-W601. The Owner shall prepare performance reports on a calendar year basis and submit to the District Manager by March 31 of the calendar year following the period being reported upon.

4.6.3 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 for the past 3 years is captured on the tables and graphs below.

Table 1: Essex Pollution Control Plant Raw Flow (m³)

	2022	2023	2024
January	44803.00	68591.00	101140.00
February	70001.00	68732.00	47511.00
March	75028.00	86572.00	62017.00
April	63902.00	67255.00	85181.00
May	66268.00	52875.00	61659.00
June	54854.14	48268.00	52073.00
July	46608.00	61570.00	48151.00
August	46787.00	94193.00	61198.00
September	39288.00	69327.00	42806.00
October	39230.00	48407.00	48955.00
November	38373.00	41912.00	47163.00
December	43802.00	67499.00	68346.00
Total	628944.14	775201.00	726200.00
Average	52412.0	64600.1	60516.7
(Daily) Min	885.0	1095.0	804.0
(Daily) Max	7386.0	14487.0	10067.0

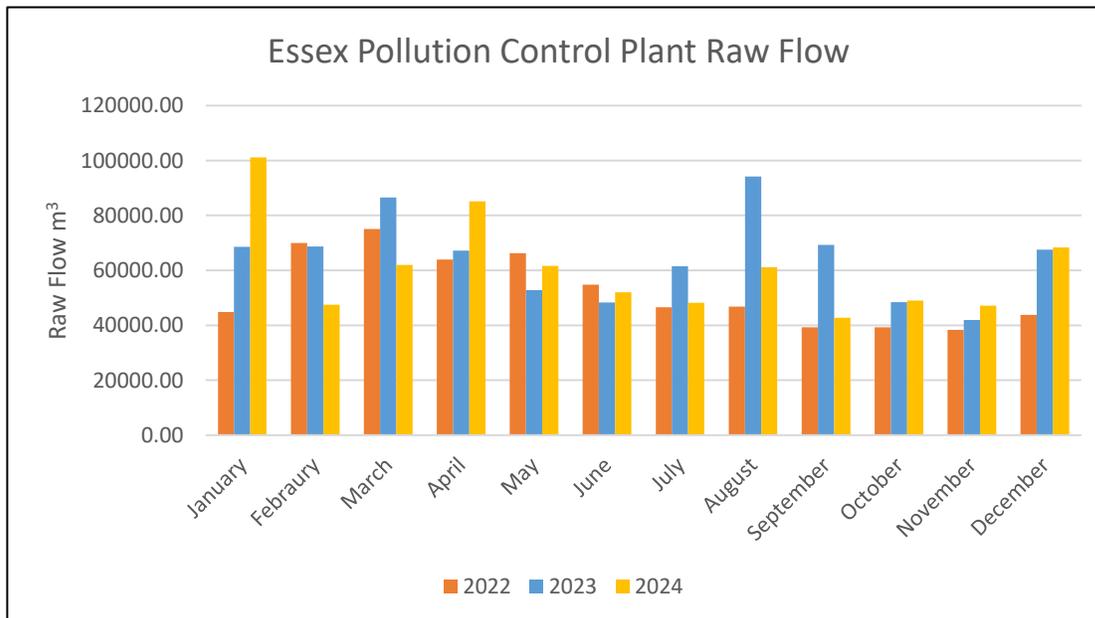


Table 2: North East Lagoon Raw Flow (m³)

	2022	2023	2024
January	34617.00	48830.00	67893.00
February	48529.00	51304.00	31861.00
March	48919.00	59430.00	41943.00
April	44371.00	41976.00	54424.00
May	44687.00	33793.00	43084.00
June	38432.00	31107.00	34121.00
July	35016.00	40267.00	32039.00
August	34131.00	60376.00	38151.00
September	27318.00	28181.00	28765.00
October	23643.00	32580.00	30809.00
November	24089.00	30733.00	30783.00
December	30071.00	41197.00	43673.00
Total	433823.00	499774.00	477546.00
Average	36151.9	41647.8	39795.5
(Daily) Min	718.0	811.0	727.0
(Daily) Max	3937.0	10478.0	4026.0

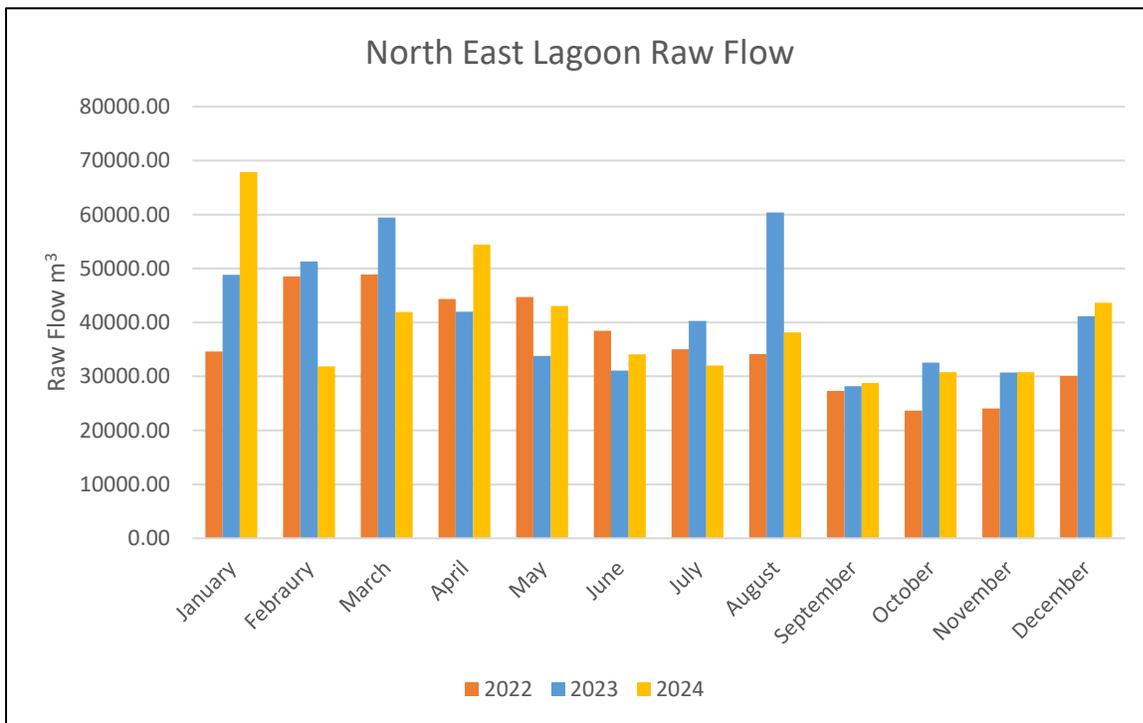


Table 3: Harrow Wastewater Treatment Lagoon Raw Flow (m³)

	2022	2023	2024
January	38379.00	31221.00	47496.00
February	41669.00	34372.00	33317.00
March	38595.00	43380.00	32780.00
April	35902.00	32552.00	39497.00
May	34795.00	29744.00	35283.00
June	26892.00	27206.00	28434.00
July	26089.00	35968.00	28279.00
August	25733.00	53516.00	27133.00
September	22392.00	34033.00	24073.00
October	22721.00	31099.00	26053.00
November	23525.00	28900.00	24557.00
December	25215.00	32150.00	31681.00
Total	361907.00	414141.00	378583.00
Average	30158.9	34511.8	31548.6
(Daily) Min	597.0	758.0	632.0
(Daily) Max	2884.0	9074.0	3596.0

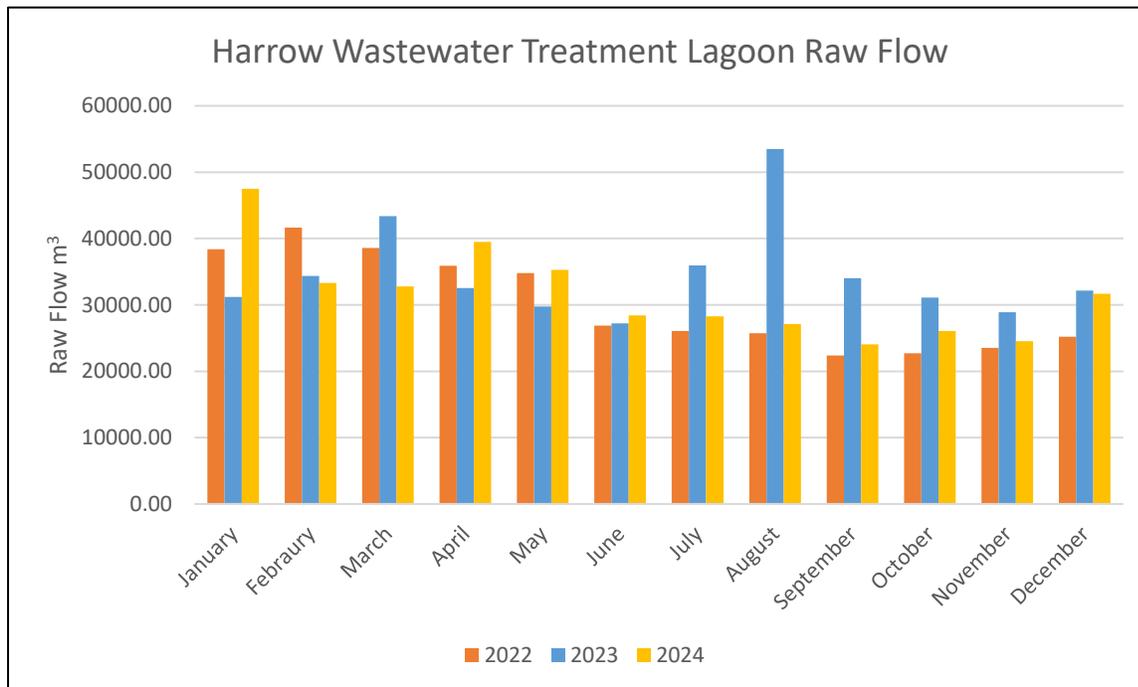
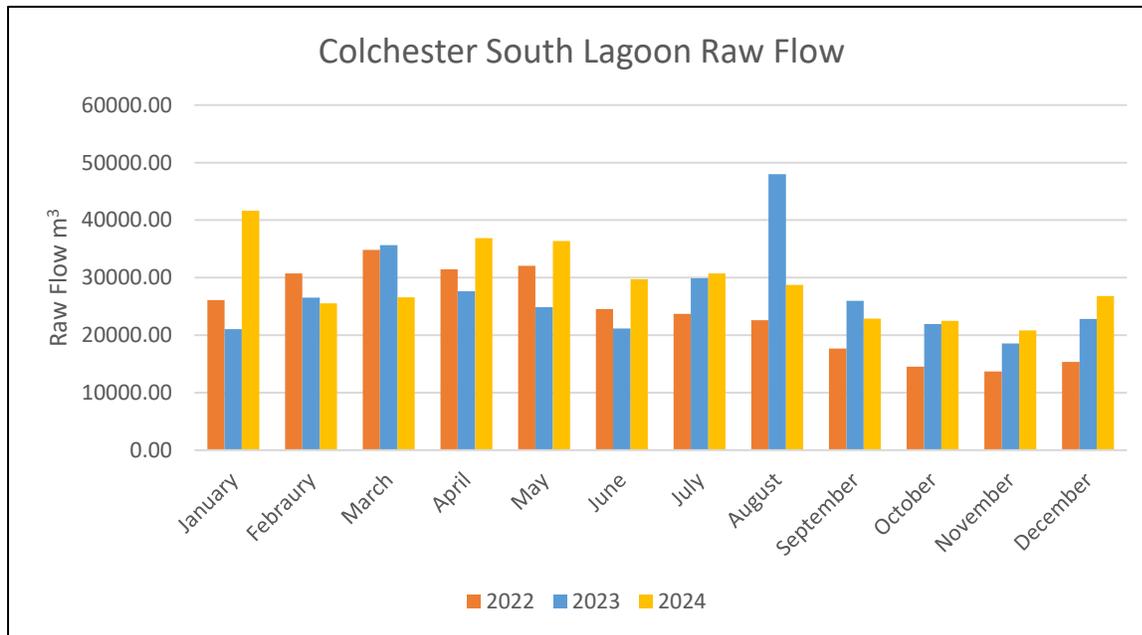


Table 4: Colchester South Lagoon Raw Flow (m³)

	2022	2023	2024
January	26066.50	21023.00	41636.00
February	30744.00	26543.00	25535.00
March	34827.00	35656.00	26590.00
April	31440.00	27649.00	36876.00
May	32060.00	24834.00	36391.00
June	24514.00	21179.00	29747.00
July	23711.00	29919.00	30700.00
August	22594.00	47985.00	28723.00
September	17665.00	25959.00	22862.00
October	14517.00	21951.00	22499.00
November	13664.00	18571.00	20807.00
December	15355.00	22820.00	26776.00
Total	287157.50	324089.00	349142.00
Average	23929.8	27007.4	29095.2
(Daily) Min	398.0	449.0	567.0
(Daily) Max	3053.0	11275.0	3755.0



After reviewing the data above it has been concluded that no modifications to the authorized system or system operations are necessary.

4.6.4 A summary of any operating problems encountered and corrective actions taken.

There were no operating problems encountered in the Essex Sewage Collection System in 2024.

4.6.5 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.

Planned maintenance, including scheduled and non-scheduled maintenance activities are documented using a computerized Work Management System (WMS) that allows user to:

- Enter detailed asset information
- Generate and process work orders
- Access maintenance and inspection procedures
- Plan, schedule, and document all asset related tasks and activities
- Access maintenance records and asset histories

Work orders are automatically generated by the WMS program and are assigned to the applicable operations staff accordingly. A summary of all maintenance carried out in 2024 is attached in Appendix I.

The annual flow meter calibrations for town of Essex Sewage Collection System were completed in July 2024 by Indus Control. Flow meter calibration certificates are included in Appendix II.

Two sanitary private drain connections (PDCs) were repaired in the Harrow Collection System.

4.6.6 A summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.

Six complaints were received in 2024 all were regarding potential PDC blockages. All complaints were investigated. When necessary, flushing was conducted to correct the issue.

4.6.7 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.

A summary of the alterations to the authorized system that occurred in 2024 are included in table 5.

Table 5: Summary of Alterations to the Authorized System

Project	Summary	Assumed by the Town	Significant Drinking Water Threat
Jakana Development Phase 3B & 3C	Installation of a new 200mm diameter PVC sanitary sewer main, 583.9m in length. This includes 125mm single connections to 79 single detached dwelling lots.	Yes	No

Townsvie Estates Development Phase 4 & 5	Installation of a new 200mm diameter PVC sanitary sewer main, 825.8m in length. This includes 150mm single connections to 66 single detached dwelling lots.	Yes	No
Pollard Residential Development	Installation of a new 200mm diameter PVC sanitary sewer main, 174.1m in length. This includes 125mm single connections to 17 semi detached dwelling lots.	Yes	No

4.6.8 A summary of all Collection System Overflow(s) and Spill(s) of Sewage, including:

- a) Dates;
- b) Volumes and durations;
- c) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E. coli;
- d) Disinfection, if any; and
- e) Any adverse impact(s) and any corrective actions, if applicable.

No Overflow(s) or Spill(s) or bypass(s) occurred in 2024.

4.6.9 A summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:

- a) 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.
- b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP’s timelines.
- c) An assessment of the effectiveness of each action taken.
- d) 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.
- e) Public reporting approach including proactive efforts.

The Town of Essex completed inflow and infiltration (I&I) Smoke Testing in areas of the Essex Collection System and Harrow Collection System.

Manhole inspections were completed in the Harrow Collection System, Colchester Collection System and Essex Collection System. Any deficiencies that were noted were rectified.

The Town of Essex provided financial assistance to 17 residents through its Basement Flooding and Subsidy Program.

Appendix I

Summary of Maintenance Report

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3724611	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	1/1/24 12:00 AM	1/22/24 02:05 PM	1/22/24 02:05 PM	Ran Jan. 22nd -
3724649	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	1/1/24 12:00 AM	1/9/24 11:14 AM	1/9/24 11:14 AM	Engine Diesel PS3A Insp/Test (1m) - Jan. 8th - <ul style="list-style-type: none"> Monitored during power outage Recorded all parameters OAD
3724668	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	1/1/24 12:00 AM	1/31/24 03:40 PM	1/31/24 03:40 PM	Alarm Dialer PS4 Insp/Test - Weekly (1m) - Jan 4 - Alarm Dialer PS4 Insp/Test - Weekly (1m) - Jan. 8th - <ul style="list-style-type: none"> Tested high level float OAD Alarm Dialer PS4 Insp/Test - Weekly (1m) - Jan. 19th - <ul style="list-style-type: none"> Tested high level (float) alarm Operating as designed Tested both HL alarms - Jan. 22nd -
3724718	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	1/1/24 12:00 AM	1/23/24 11:21 AM	1/23/24 11:21 AM	Engine Diesel Harrow STP Insp/Test (1m) - Jan. 23rd - <ul style="list-style-type: none"> Test ran and operating as designed

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3724741	0000305274	PANEL ALARM/ DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	1/1/24 12:00 AM	2/1/24 01:20 PM	2/1/24 01:20 PM	Jan 4th - • Tested flood, intrusion, HI1 and HL2 alarms Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - Jan. 19th - • Tested high level alarms • OAD Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - Jan. 25th - • Tested high level alarms, operating as designed
3724833			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	1/1/24 12:00 AM	2/1/24 01:21 PM	2/1/24 01:21 PM	Jan 4th - • Regular weekly checks completed Jan 10th - Weekly Silva P.S. Checks (1m) - Jan. 19th - • Regular checks complete • Pumped well down • OAD Weekly Silva P.S. Checks (1m) - Jan. 25th -

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3725467			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	1/1/24 12:00 AM	2/1/24 01:23 PM	2/1/24 01:23 PM	Sampling and Testing Monthly (1m) - Jan 3rd - • Monthly raw and eff samples taken Sampling and Testing Monthly (1m) - Jan 10th - Sampling and Testing Monthly (1m) - Jan 16-17 - • 16th • Flushed effluent sample line • Started comp sampler • 17th • Sampled effluent Sampling and Testing Monthly (1m) - Jan. 24th - • Sampled effluent
3727738	0000305485	ANALYZER GAS PORTABLE UNIT	5907, Harrow Sewage Front Pump Station	PM	Calibration	6	MONTHS	Analyzer Gas Portable Unit Insp/Service (6m) - 5907	CLOSE	1/1/24 12:00 AM	1/17/24 01:45 PM	1/17/24 01:45 PM	Analyzer Gas Portable Unit Insp/Service (6m) - Jan. 16th - • Completed by third party (Indus)
3727895	0000280115	METER LEVEL PS3A WET WELL	5537, Essex Sewage PS 03	PM	Calibration	1	YEARS	Meter Level - PS3A - Insp/Service (1y) - 5537	CLOSE	1/1/24 12:00 AM	1/3/24 03:05 PM	1/3/24 03:05 PM	Meter Level - PS3A - Insp/Service (1y) - 5537 - • Inspected & checked unit for any signs of damages • Checked display for proper functions • Checked for echo strength 88% • Checked wiring for corrosion, over heating & terminal tightness • Checked battery strength, good • Electrical checks complete

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3727949	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Panel PS#3 Control Insp/Service (1y) - 5537	CLOSE	1/1/24 12:00 AM	1/3/24 03:10 PM	1/3/24 03:10 PM	Panel PS#3 Control Insp/Service (1y) - 5537 - • Investigated all electrical components inside of main Mcc • Checked for corrosion, over heating and terminal tightness of wires • Electrical checks complete
3731479	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - 5537	CLOSE	1/1/24 12:00 AM	2/1/24 01:15 PM	2/1/24 01:15 PM	Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - Jan 4th - Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - Jan. 19th -
3739592	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	1/1/24 12:00 AM	2/1/24 01:21 PM	2/1/24 01:21 PM	Jan 4th - • Tested HL float, faulty, replaced. Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907 - • Tested high level alarm • OAD Alarm Dialer Silva PS Insp/Test - Weekly (1m) - Jan. 25th - • Tested high level alarm, operating as designed
3739596	0000330770	ANALYZER MULTI QUAD GAS DRY WELL FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Calibration	6	MONTHS	Analyzer Gas Fixed Unit Insp/ Service (6m) - 5907	CLOSE	1/1/24 12:00 AM	2/5/24 11:01 AM	2/5/24 11:01 AM	Calibration - Jan 16th - • Assist Indus Controls with calibrating methane and h2s gas detectors. • Enter dry well and apply/shut off gas on Indus's request.

Workorder Summary Report

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Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3758952	0000280116	DRIVE VFD 01 PS3A	5537, Essex Sewage PS 03	CORR	Refurbish/ Replace/Repair	0		Issues With ps3a VFD #1 - Fault/ Cooling Fan - 5537	CLOSE		1/10/24 12:19 PM	1/10/24 12:19 PM	Issues With ps3a VFD #1 - Fault/ Cooling Fan - 5537 - <ul style="list-style-type: none"> Investigated fan issue Checked electrical circuit, seems ok Fan is running fine Issues With ps3a VFD #1 - Fault/ Cooling Fan - 5537 - <ul style="list-style-type: none"> Checked fan operations again, reset cooling fans fault Issues With ps3a VFD #1 - Fault/ Cooling Fan - 5537 - <ul style="list-style-type: none"> Closing this WO out, because the Cooling fan fault has been cleared and operating OAD
3759771	0000330755	DRIVE VFD RAW # 2 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pump fault RSP2 - 6067	CLOSE		4/23/24 02:09 PM	4/23/24 02:09 PM	Pump fault RSP2 Jan 2nd - <ul style="list-style-type: none"> Upon arrival found RSP2 faulted VFD screen read "FBCommunicat T1->T6" Turned selector switch to off, fault cleared Turned back to auto, fault re-appeared Turned back to off, pulled main disconnect on panel, waited for VFD to shut down, Closed main disconnect, VFD powered up and appeared to lose all paramters. Waited less than 5 mins, parameters came back, pump OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3759772	0000330754	DRIVE VFD RAW # 1 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pump fault RSP1 - 6067	CLOSE		4/23/24 02:09 PM	4/23/24 02:09 PM	Pump fault RSP1 Jan 3rd - <ul style="list-style-type: none"> Upon arrival found RSP1 faulted VFD screen read "FBCommunicat T1->T6" Turned selector switch to off, fault cleared Turned back to auto, fault re-appeared Turned back to off, pulled main disconnect on panel, waited for VFD to shut down, Closed main disconnect, VFD powered up and appeared to lose all paramters. Waited less than 5 mins, parameters came back, pump OAD
3759994	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	CORR	Refurbish/ Replace/Repair	0		Harrow Silva P.S. Replacement Of Faulty High Level Float 5907	CLOSE		1/10/24 12:39 PM	1/10/24 12:39 PM	- Harrow Silva P.S. Replacement Of Faulty High Level Float 5907 - <ul style="list-style-type: none"> With assistance from operator, we checked existing high level float, not working properly We installed new float & verified operations, looks good Jan 4th - <ul style="list-style-type: none"> Assisted UPIT with replacement of HL float. after repair, station OAD Harrow Silva P.S. Replacement Of Faulty High Level Float 5907 - <ul style="list-style-type: none"> Closing this WO out, because the new float is working OAD

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3762588	0000206469	PANEL SCADA PS4	5537, Essex Sewage PS 04	CALL	Refurbish/ Replace/Repair	0		Group 4 alarm, Comm failure due to storm	CLOSE		1/12/24 04:17 PM	1/12/24 05:45 PM	Comm failure - Jan 12th - <ul style="list-style-type: none"> Reported to SBR to distinguish alarms Attempted to clear alarms, PS3 cleared, PS4 did not Went to PS4, noticed station OAD Heavy wet snow covered antenna and especially tree directly in front of antenna and in line with SBR. Contacted ORO, suspected heavy snow blocking antenna signal.
3763508	0000280149	METER LEVEL PS3 WET WELL	5537, Essex Sewage PS 03	CORR	Refurbish/ Replace/Repair	0		PCP PS 03 High Level Float Not Restoring 5537	CLOSE		2/8/24 09:04 AM	2/8/24 09:04 AM	PCP PS 03 High Level Float Not Restoring 5537 - <ul style="list-style-type: none"> Assisted operator with issue at PS O3 with Milltronics High level float alarm was not restoring, cycled power to Milltronics, seems ok now PCP PS 03 High Level Float Not Restoring - Jan. 19th - PCP PS 03 High Level Float Not Restoring 5537 - <ul style="list-style-type: none"> Assisted operator with issue at PS O3 with Milltronics High level float alarm was not restoring, cycled power to Milltronics, seems ok now Echo strength , good, 81%

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Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3765574	0000202783	PUMP SUBMERSIBLE 02 PS3 03	5537, Essex Sewage PS	CORR	Refurbish/ Replace/Repair	0		PCP PS 03 Install Stainless Steel Restrains On Pump Cables 5537	CLOSE		7/5/24 02:53 PM	7/5/24 02:53 PM	PCP PS 03 Install Stainless Steel Restrains On Pump Cables 5537 - • Worked on measuring the pump motor cables inside of wet well, for ordering new stainless steel restrains PCP PS 03 Install Stainless Steel Restrains On Pump Cables 5537 - • Continued to work on quotes PCP PS 03 Install Stainless Steel Restrains On Pump Cables 5537 - • Picked up restrains today PCP PS 03 Install Stainless Steel Restrains On Pump Cables 5537 - • Installed new pump for pump #1 • Installed new stainless steel restraint on pump #1 • Closing this WO out due to WO # 3848843
3765579	0000138485	PUMP SUBMERSIBLE 02 PS4 04	5537, Essex Sewage PS	CORR	Refurbish/ Replace/Repair	0		PCP PS 04 Install Stainless Steel Restrains On Pump Cables 5537	CLOSE		7/5/24 03:00 PM	7/5/24 03:00 PM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3765583	0000280118	PUMP SUBMERSIBLE 02 PS3A	5537, Essex Sewage PS 03	CORR	Refurbish/ Replace/Repair	0		PCP PS 3A Install Stainless Steel Restraints On Pump Cables 5537	CLOSE		11/26/24 08:16 AM	11/26/24 08:16 AM	PCP PS 3A Install Stainless Steel Restraints On Pump Cables 5537 - • Worked on measuring the pump motor cables inside of wet well, for ordering new stainless steel restraints PCP PS 3A Install Stainless Steel Restraints On Pump Cables 5537 - • Started to look into getting quotes for several different size of measurements for stainless steel restraints PCP PS 3A Install Stainless Steel Restraints On Pump Cables 5537 - • Continued to work on quotes
3777574	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	2/1/24 12:00 AM	2/22/24 07:06 AM	2/22/24 07:06 AM	Engine Diesel PS4 Insp/Test (1m) - Feb. 21st - • Test ran and operating as designed
3777612	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	2/1/24 12:00 AM	2/22/24 07:07 AM	2/22/24 07:07 AM	Engine Diesel PS3A Insp/Test (1m) - Feb. 21st - • Test ran and operating as designed

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3777631	0000305271	PANEL ALARM/ DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	2/1/24 12:00 AM	2/27/24 12:57 PM	2/27/24 12:57 PM	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537 - Alarm Dialer PS4 Insp/Test - Weekly (1m) - Feb. 16th - • Tested intrusion, flood and high level (float) alarms • Operating as designed Tested HL and HHL alarms - Feb 20th - Tested Chamber flood and intrusion - Feb 23 -
3777681	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/ Test (1m) - 5907	CLOSE	2/1/24 12:00 AM	2/23/24 07:07 AM	2/23/24 07:07 AM	Engine Diesel Harrow STP Insp/Test (1m) - Feb. 22 - • Test ran and operating as designed
3777704	0000305274	PANEL ALARM/ DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	2/1/24 12:00 AM	3/2/24 12:57 PM	3/2/24 12:57 PM	Alarms tested - Feb 1st - • Tested intrusion, flood, HL and HHL alarms. Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907 - • Tested high level alarms • OAD Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - Feb. 22nd - • Tested high level alarms • Operating as designed HL alarms tested - Feb 29th - • Tested both HL alarms. OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3777801			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	2/1/24 12:00 AM	3/5/24 02:46 PM	3/5/24 02:46 PM	Weekly Silva P.S. Checks (1m) - 5907 - • Checked PS • Tested high level alarm • OAD Weekly Silva P.S. Checks (1m) - Feb. 22nd - Weekly Silva P.S. Checks (1m) - Feb 29th - • Tested HL float and operated pumps. system OAD.
3778302			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	2/1/24 12:00 AM	3/1/24 02:10 PM	3/1/24 02:10 PM	Sampling and Testing Monthly (1m) - 6067 -•Sampled effluent •Shipped to SGS Sampling and Testing Monthly (1m) - Feb. 21st - • Sampled effluent Bypass Effluent Sampled - Feb 28th -
3780631	0000280123	PANEL CONTROL POWER MONITOR	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Control Power Monitor Insp/ Service (1y) - 5537	CLOSE	2/1/24 12:00 AM	2/2/24 01:11 PM	2/2/24 01:11 PM	Panel Control Power Monitor Insp/ Service (1y) - 5537 - • Checked power monitor for any signs of damages • Checked units display & readouts are functioning properly • Checked for proper input / output voltage's • Electrical checks complete
3780652	0000077202	PANEL CONTROL SCPI PLC FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Control Scp1 PLC front PS Insp/Service (1y) - 5907	CLOSE	2/1/24 12:00 AM	2/5/24 12:54 PM	2/5/24 12:54 PM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3780676	0000280120	PANEL TRANSFER SWITCH PS3A	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	3	YEARS	Panel Transfer Insp/Service (3y) - 5537	CLOSE	2/1/24 12:00 AM	2/2/24 01:28 PM	2/2/24 01:28 PM	Panel Transfer Insp/Service (3y) - 5537 - <ul style="list-style-type: none"> Inspected & checked transfer Mcc panel for any signs of damages Checked all electrical components for proper voltages Checked transfer display for proper read out voltages Checked inside of transfer MCC wires, for any signs of over heating, corrosion & terminal tightness Cleaned cabinet Electrical checks complete
3780720	0000279759	PANEL TRANSFER HARROW FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	3	YEARS	Panel Transfer PS01 Insp/Service (3y) - 5907	CLOSE	2/1/24 12:00 AM	2/5/24 12:49 PM	2/5/24 12:49 PM	Panel Transfer PS01 Insp/Service (3y) - 5907 - <ul style="list-style-type: none"> Inspected & checked transfer Mcc panel for any signs of damages Checked all electrical components for proper voltages Checked transfer display for proper read out voltages Checked inside of transfer MCC wires, for any signs of over heating, corrosion & terminal tightness Cleaned cabinet Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3780755	0000330771	PUMP SUBMERSIBLE DRY PIT 01 RAW FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Raw # 1 Annual Insp/Service (1y) - 5907	CLOSE	2/1/24 12:00 AM	2/5/24 01:37 PM	2/5/24 01:37 PM	Pump Raw # 1 Annual Insp/Service (1y) - 5907 - <ul style="list-style-type: none"> Inspected & checked Inside of MCC for any signs of damage Checked all electrical components for proper functions Checked VFD display for proper read outs Checked wires for any signs of over heating, corrosion & terminal tightness Cleaned filters required Checked voltages - 614 v, amperages - 20.1 Electrical checks complete
3780762	0000330772	PUMP SUBMERSIBLE DRY PIT 02 RAW FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Raw # 2 Annual Insp/Service (1y) - 5907	CLOSE	2/1/24 12:00 AM	2/27/24 12:51 PM	2/27/24 12:51 PM	Pump Raw # 2 Annual Insp/Service (1y) - 5907 - <ul style="list-style-type: none"> Inspected & checked Inside of MCC for any signs of damage Checked all electrical components for proper functions Checked VFD display for proper read outs Checked wires for any signs of over heating, corrosion & terminal tightness Cleaned filters required Checked voltages - 614 v, amperages - 20.2 Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3782471	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - 5537	CLOSE	2/1/24 12:00 AM	3/1/24 02:08 PM	3/1/24 02:08 PM	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - 5537 - Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - Feb. 14th - <ul style="list-style-type: none"> Tested high level alarms Operating as designed Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - Feb. 21st - <ul style="list-style-type: none"> Tested high level alarms Operating as designed
3788367	0000305280	PANEL ALARM/DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	2/1/24 12:00 AM	3/2/24 01:00 PM	3/2/24 01:00 PM	HL tested - Feb 1st - Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907 - <ul style="list-style-type: none"> Tested high level alarm OAD Alarm Dialer Silva PS Insp/Test - Weekly (1m) - Feb. 22nd - <ul style="list-style-type: none"> Tested high level alarm Operating as designed HL tested - Feb 29th - <ul style="list-style-type: none"> OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3802713			6067, Colchester Sewage PS 06 - Colchester CC	CALL	Refurbish/ Replace/Repair	0		Generator run alarm, loss of phase alarms 6067	CLOSE		2/2/24 05:45 PM	2/2/24 07:30 PM	Generator run alarm, loss of phase alarms 6067 - <ul style="list-style-type: none"> Received generator run alarm at 1753, Received restore at 1804. Upon arrival checked operations, cleared plc fail alarm on pump plc System operating as designed upon departure Received loss of phase alarms for Cooks, Country Club, Cyrs and Argyle at 1758 Received restores at 1802 Checked each stations operations, pumped wells down All systems operating as designed upon departure Vehicle used, Escape, 30kms

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3805432	0000137975	PUMP SUBMERSIBLE 01 PS6 Colchester Country Club	6067, Colchester Sewage PS 06 - Colchester CC	CORR	Refurbish/ Replace/Repair	0		Country Club Pump #1 issue 6067	CLOSE		2/29/24 09:01 AM	2/29/24 09:01 AM	Country Club Pump #1 issue 6067 - • After power flicker from on call operators conversation • Investigated and found pump #1 control relays coil burnt • Temporary fixed manual & auto operations until i receive new control relay • Have to order new control relay Country Club Pump #1 issue 6067 - • Worked on some wiring of new control relay, offline Country Club Pump #1 issue 6067 - • Removed existing faulty control relay, installed & finished wiring new control relay • Verified manual & auto operations, seems good. Country Club Pump #1 issue 6067 - • Closing this WO out, because operators said the pump station is OAD.
3805434	0000138485	PUMP SUBMERSIBLE 02 PS4 04	5537, Essex Sewage PS	CORR	Refurbish/ Replace/Repair	0		Essex PS 04 Pump #2 Issues 5537	CLOSE		2/23/24 02:48 PM	2/23/24 02:48 PM	Essex PS 04 Pump #2 Issues 5537 - • After investigation with pump #2 issue • With assistance from Phasor, we found one control relay bad inside of pump #2 bucket & one relay bad inside of pump #1 bucket • Replaced both • OAD Essex PS 04 Pump #2 Issues 5537 - • Closing out this WO, because operators have checked the station several times and found pump station OAD.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

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Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3807223			5537, Essex Sewage PS 04	CAP	Refurbish/ Replace/Repair	0		Install new Pump #2 @ PS #4 - 5537	CLOSE		6/21/24 03:32 PM	6/21/24 03:32 PM	Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Checked electrical connections for new pump to be installed Created new labels Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Inspected existing electrical panel with Mike M Working on scope of work Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Working on a material list to order Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Spoke with Crane & Barnes rep about new electrical installation for pump & control relay He's looking into an electrical diagram for me Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Started to install electrical components for new pump, inside of pump Mcc bucket On going Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Continued to work on the electrical for the new pump controls Installed new Crane & Barnes Overtemp & Leakage relay Ran new wires for relay, terminated temporary On going Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Continued with installing new conduit for new pump On going

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM
 Report End Date: Dec 31, 2024 11:59 PM
 Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> With assistance from operator, we pulled new wires into conduit for new pump relay Install pump monitor - May 7th - <ul style="list-style-type: none"> Install conduit, pull wiring, label connections and terminate. Ready for new pump. Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Completed installing new electrical conduit for new pump Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Completed installing new electrical terminals inside of wet well enclosure & Mcc for new pump Install new Pump #2 @ PS #4 - June 18 - <ul style="list-style-type: none"> Prepare pump for install Install studs and mounting horn Pump Install and Test - June 21st - <ul style="list-style-type: none"> Pump installed and test ran, OAD. Old pump washed, placed on pallet and stored in grit building. Install new Pump #2 @ PS #4 - 5537 - <ul style="list-style-type: none"> Assisted operator/mechanic to install new pump Complete
3820844	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	3/1/24 12:00 AM	3/4/24 03:00 PM	3/4/24 03:00 PM	Completed by 3rd party - During annual maint. - Mar 4 -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

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Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3820882	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	3/1/24 12:00 AM	3/4/24 03:01 PM	3/4/24 03:01 PM	Completed by 3rd party - During annual maint. - Mar 4 -
3820901	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	3/1/24 12:00 AM	3/30/24 10:42 AM	3/30/24 10:42 AM	Alarm Dialer PS4 Insp/Test - Weekly (1m) - March 28 - • Tested high level alarms and performed regular checks of PS4
3820951	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	3/1/24 12:00 AM	3/7/24 10:10 AM	3/7/24 10:10 AM	Completed by 3rd party - During annual maint. - Mar. 6 -
3820974	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	3/1/24 12:00 AM	4/2/24 08:03 AM	4/2/24 08:03 AM	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - March 5 - • Tested high level alarms Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - March 14 - • Tested all alarms • OAD Alarm Dialer Front Bldg Insp/Test - Weekly (1m) 26th -•Tested high level alarm •OAD
3821066			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	3/1/24 12:00 AM	4/1/24 10:40 AM	4/1/24 10:40 AM	- • Tested High level alarms Weekly Silva P.S. Checks (1m) - 5907 - • Checked station • Tested high level alarm • OAD Weekly Silva P.S. Checks (1m) 26th -• checked station •Pumped well down •OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

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Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3821657			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	3/1/24 12:00 AM	4/2/24 08:02 AM	4/2/24 08:02 AM	Sampling and Testing Monthly (1m) - March 6th - Sampling and Testing Monthly (1m) - March 13 - • Sampled effluent
3824045	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel PS4 Insp/Service (1y) - 5537	CLOSE	3/1/24 12:00 AM	3/4/24 03:01 PM	3/4/24 03:01 PM	Completed by 3rd party - Mar 4 -
3824069	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel PS3A Insp/Service (1y) - 5537	CLOSE	3/1/24 12:00 AM	3/4/24 03:02 PM	3/4/24 03:02 PM	Completed by 3rd party - Mar 4 -
3824130	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Engine Diesel Harrow STP Insp/Service (1y) - 5907	CLOSE	3/1/24 12:00 AM	3/7/24 10:12 AM	3/7/24 10:12 AM	Completed by 3rd party - Mar. 6 -
3825914	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - 5537	CLOSE	3/1/24 12:00 AM	4/2/24 07:21 AM	4/2/24 07:21 AM	Tested HL @ PS #3 - Mar. 4 -
3831767	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	3/1/24 12:00 AM	4/2/24 08:03 AM	4/2/24 08:03 AM	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907 - Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907 - • Tested high level alarm • OAD Alarm Dialer Silva PS Insp/Test - Weekly 26th -•Tested high level alarm •OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3831771	0000305387	MCC MAIN FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/Replace/Repair	3	YEARS	MCC Front Building Panel Inspection (3y) - 5907	CLOSE	3/1/24 12:00 AM	3/28/24 01:20 PM	3/28/24 01:20 PM	MCC Front Building Panel Inspection (3y) - 5907 - <ul style="list-style-type: none"> Inspected & checked Inside of Main MCC panel for any signs of damage Checked all electrical components inside of Main MCC disconnect buckets for proper functions Checked Eaton SPD display for proper read outs Checked wires for any signs of over heating, corrosion & terminal tightness Checked all indicator lights for proper functions Cleaned filters required Checked Main MCC for proper input voltages - 617v Cleaned inside of Main MCC panel Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3846937			6067, Colchester Sewage PS 06 - Colchester CC	CALL	Refurbish/ Replace/Repair	0		High Level Alarm, Cyrs Pump Station 6067	CLOSE		3/2/24 11:45 AM	3/2/24 02:00 PM	High Level Alarm, Cyrs Pump Station 6067 - <ul style="list-style-type: none"> Received high level alarm at 1141. Upon arrival, found pump #1 float did not trigger pump run. Pumped well down with pump #2 in hand. Received restore at 1208 Pulled float to see if hung up. Pushed reset on pump #1 PumOp #1 started but faulted out during pump cycle Notified ORO and Manager Contacted UPIT and coming to troubleshoot issues Changed float with UPIT to a wide angle float Observed pump cycles with no issues Float operating as designed upon departure Further investigation needed Vehicle used, Escape, 40 kms

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3847233	0000137972	PUMP SUBMERSIBLE 01 PS7 Cyr's Beach	6067, Colchester Sewage PS 07 - Cyr's Beach	CORR	Refurbish/ Replace/Repair	0		Cyr's Pump Station Issue With Pumps Start 6067	CLOSE		4/12/24 07:39 AM	4/12/24 07:39 AM	Cyr's Pump Station Issue With Pumps Start 6067 - • Replaced Milltronics, not successful • Installed new temporary float • Working for now - • Replaced Milltronics, not successful • Installed new temporary float • Working for now Cyr's Pump Station Issue With Pumps Start 6067 - • Replaced existing float with wide angle float temporary. seems ok • Verified a few cycles, looks good for now, will follow up with diagnose Monday 03/04/24 Cyr's Pump Station Issue With Pumps Start 6067 - • Replaced and re-wired faulty Milltronics & transducer. programmed new Milltronics, verified several cycles, with Steve, seems ok. Cyr's Pump Station Issue With Pumps Start - Mar. 4th - Cyr's Pump Station Issue With Pumps Start 6067 - • Removed existing faulty control relay coil and installed a new one

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Cyr's Pump Station Issue With Pumps Start 6067 - <ul style="list-style-type: none"> Replaced faulty spare control relay coils, off line Verified operations, look good - <ul style="list-style-type: none"> Ordered & received replacement parts for existing electrical conduit for new transducer cable Cyr's Pump Station Issue With Pumps Start 6067 - <ul style="list-style-type: none"> Operators feed back said P.S. is working OAD Closing out this WO

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3848843	0000158037	PUMP SUBMERSIBLE 01 PS3 03	5537, Essex Sewage PS	CAP	Refurbish/ Replace/Repair	0		Install new Pump #1 @ PS #3 - 5537	CLOSE		7/12/24 08:12 AM	7/12/24 08:12 AM	Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Inspected electrical scope of work for new pump Waiting to receive quotes Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Continued to work on electrical Mcc panel quotes for new pump Electrical material has been ordered Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Started to work on up grades for new pump - <ul style="list-style-type: none"> Continued with up grades for new pump, 80% complete Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Continued with up grades for new pump,& Milltronics Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Continued with electrical up grades for new pump & Milltronics Install new Pump #1 @ PS #3 - 5537 - Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Continued with electrical up grades for new Milltronics Install new Pump #1 @ PS #3 - 5537 - <ul style="list-style-type: none"> Continued with electrical up grades for new pump & Milltronics

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													Install new Pump #1 @ PS #3 - 5537 - • Installed and test ran pump, OAD Install new Pump #1 @ PS #3 - 5537 - • Assisted team lead & operator/mechanic, with installation of new pump • Looks like its working good Install new Pump #1 @ PS #3 - 5537 - • Closing this WO out, due to operators sais its running OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3848852			6067, Colchester Sewage PS 01 - Colchester Lagoon	CAP	Refurbish/ Replace/Repair	0		Installation Of New Cornwall Raw Sampler - 6067	COMP		12/20/24 08:31 AM	12/20/24 08:31 AM	Installation Of New Cornwall Raw Sampler - 6067 - <ul style="list-style-type: none"> Investigated scope of work involved for the electrical installation of new sampler project Started working on a material list. Fish wires thru conduit - May 16th - Measure well for installation of sample line - June 5 - Source conduit clamps/hardware - <ul style="list-style-type: none"> Source hardware required to attach conduit to well wall. - Grainger/WFS Installation Of New Cornwall Raw Sampler - July 3rd - <ul style="list-style-type: none"> Confined space entry to secure sample line conduit to side of wet well Failed test run - July 4th - <ul style="list-style-type: none"> cut to length and installed sample suction line to unit Set sample parameters Test ran, no sample pumped Played with settings, still nothing Put sampler into "Operate pump" mode to continuously run pump forward, no sample Upon further investigation, AS950 can only lift 29 ft max. Well depth to pump = 36.5ft Capital projects manager notified, email chain started with Can-Am Instruments

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
													1/4" suction hose install and 2nd failed test run - July 8th - • Reduced suction hose from 3/8" to 1/4" to increase vertical suction distance but test still failed. • Contacted distributor for possible solutions, waiting on reply.
3850620	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	CORR	Refurbish/ Replace/Repair	0		Silva P.S. High Level Float Issue 5907	CLOSE		3/27/24 03:08 PM	3/27/24 03:08 PM	Silva P.S. High Level Float Issue 5907 - • Replaced existing high level float with a new wide angle float • Verified operations, seems ok. Silva P.S. High Level Float Issue 5907 - • Closing this WO out • Operators feed back, OAD
3851039	0000330755	DRIVE VFD RAW # 2 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Cornwall P.S. Issue With VFD #2 Faulted 6067	CLOSE		4/12/24 07:40 AM	4/12/24 07:40 AM	Cornwall P.S. Issue With VFD #2 Faulted 6067 - • After operator found VFD #2 faulted, i investigated fault " FBC communication fault" • Manufacture recommends to check all communication connections, which i did • Made sure all connections were tight, as well as all terminals • Turned disconnect back on, fault seem to rest • Will continue to monitor Cornwall P.S. Issue With VFD #2 Faulted 6067 - • Operators feed back said VFD #2 is working OAD • Closing out this WO

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3867001	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	4/1/24 12:00 AM	4/26/24 11:28 AM	4/26/24 11:28 AM	Engine Diesel PS4 Insp/Test (1m) - April 26 -Test Ran generators, tested pumps during run, OAD.
3867039	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	4/1/24 12:00 AM	4/26/24 11:30 AM	4/26/24 11:30 AM	Engine Diesel PS3A Insp/Test (1m) - April 26 - Test Ran generators, tested pumps during run, completed running checks, OAD.
3867058	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	4/1/24 12:00 AM	4/26/24 11:31 AM	4/26/24 11:31 AM	Alarms tested - April 19th -
3867108	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	4/1/24 12:00 AM	4/29/24 01:32 PM	4/29/24 01:32 PM	
3867131	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	4/1/24 12:00 AM	4/29/24 01:39 PM	4/29/24 01:39 PM	Tested high level alarms, operating as designed - Tested high level alarms, OAD - April 25th -
3867223			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	4/1/24 12:00 AM	5/1/24 02:50 PM	5/1/24 02:50 PM	Weekly Silva P.S. Checks (1m) - April 4th - Weekly Silva P.S. Checks (1m) - 5907 - • Checked PS • Pumped well down • Tested HL alarm • OAD Weekly Silva P.S. Checks (1m) - Apr. 19th - Weekly Silva P.S. Checks - April 25th - • Regular weekly checks, OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM
 Report End Date: Dec 31, 2024 11:59 PM
 Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3867808			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	4/1/24 12:00 AM	5/1/24 02:56 PM	5/1/24 02:56 PM	Sampling and Testing Monthly (1m) - April 3 - Sampling and Testing Monthly (1m) - Apr. 17th - • Sampled effluent
3872380	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - 5537	CLOSE	4/1/24 12:00 AM	4/26/24 11:32 AM	4/26/24 11:32 AM	Alarms tested - April 19th -
3880195	0000305280	PANEL ALARM/DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	4/1/24 12:00 AM	5/1/24 02:52 PM	5/1/24 02:52 PM	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - April 4th - Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907 - • Tested HL alarm • OAD Alarm Dialer Silva PS Insp/Test - Weekly (1m) - Apr. 19th - Alarm Dialer Silva PS Insp/Test - Weekly (1m) - April 25th - • Tested HL float operation. OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3900527	0000330757	PUMP SUBMERSIBLE RAW 02 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pull RSP2 and clear blockage - 6067	CLOSE		4/23/24 12:51 PM	4/23/24 12:51 PM	Pull RSP2 and clear blockage - April 8th - • Operator notified staff of possible pump blockage Friday April 5th. • Operator selected RSP1 as duty pump and shut off duty cycling. • Dan Croteau brought boom truck from Amherstburg to assist in pump pull April 8th • Pump pulled, debris cleared (rags), pump put back into well, test ran and verified flow. • Duty cycling re-enabled. • Station operating as designed. Pull RSP2 and clear blockage - 6067 - • Assist with pump pull-inspection using boom truck
3919653	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	5/1/24 12:00 AM	5/21/24 02:48 PM	5/21/24 02:48 PM	May 21 Test complete - Completed As per plan.
3919691	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	5/1/24 12:00 AM	5/21/24 02:50 PM	5/21/24 02:50 PM	Completed May 21 - Completed as per plan.
3919710	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	5/1/24 12:00 AM	5/22/24 01:07 PM	5/22/24 01:07 PM	Alarm Dialer PS4 Insp/Test - Weekly (1m) - May 10th - • Tested flood, intrusion and high level (float) alarms • O.A.D.
3919760	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	5/1/24 12:00 AM	6/3/24 08:19 AM	6/3/24 08:19 AM	Engine Diesel Harrow STP Insp/Test (1m) - May 30th -
3919783	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	5/1/24 12:00 AM	5/13/24 08:53 AM	5/13/24 08:53 AM	Tested High Level Raw chamber - Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 9th - • Tested intrusion, fire and flood alarms • OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3919875			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	5/1/24 12:00 AM	6/3/24 08:18 AM	6/3/24 08:18 AM	Weekly Silva P.S. Checks (1m) - may 3 - Weekly Silva P.S. Checks (1m) - May 16th - Weekly Silva P.S. Checks (1m) - May 23 - Weekly Silva P.S. Checks (1m) - May 30th -
3920404			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	5/1/24 12:00 AM	5/29/24 11:43 AM	5/29/24 11:43 AM	Sampling and Testing Monthly (1m) - 6067 - • Flushed sample line • Started comp. sampler • OAD Sampling and Testing Monthly (1m) - 8th - • Sampled effluent Sampling and Testing Monthly (1m) - May 15th - • Sampled effluent Sampling and Testing Monthly (1m) - May 29th - • Sampled effluent
3922719	0000139604	PANEL CONTROL PS3	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	3	YEARS	Panel Control Ps3 Insp (3y) - 5537	CLOSE	5/1/24 12:00 AM	5/28/24 02:57 PM	5/28/24 02:57 PM	Panel Control Ps3 Insp (3y) - 5537 - • Inspected and checked all electrical components inside of mcc panel • Checked for any signs of wire over heating, corrosion and terminal tightness • Checked for proper input / output voltages • Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3922722	0000139608	PANEL TRANSFER GENERATOR PS4	5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	3	YEARS	Panel Transfer Generator Ps4 Insp (3y) - 5537	CLOSE	5/1/24 12:00 AM	5/28/24 02:59 PM	5/28/24 02:59 PM	Panel Transfer Generator Ps4 Insp (3y) - 5537 - <ul style="list-style-type: none"> Inspected and checked all electrical components inside of Mcc transfer panel Checked for any signs of wire over heating, corrosion and terminal tightness Checked for proper input / output voltages Checked for proper functions on indicator lights and display Electrical checks complete
3922736	0000280117	PUMP SUBMERSIBLE 01 PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	YEARS	Pump #1 PS3A Insp/Service (1y) - 5537	CLOSE	5/1/24 12:00 AM	6/18/24 01:01 PM	6/18/24 01:01 PM	Pump #1 PS3A Insp/Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected and checked all electrical components inside of VFD Mcc panel Checked for any signs of wire over heating, corrosion and terminal tightness Checked for proper input / output voltages, 617 V, 80.8 A Checked for proper functions on indicator lights and display Electrical checks complete
3922739	0000280118	PUMP SUBMERSIBLE 02 PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	YEARS	Pump #2 PS3A Insp/Service (1y) - 5537	CLOSE	5/1/24 12:00 AM	6/18/24 01:01 PM	6/18/24 01:01 PM	Pump #2 PS3A Insp/Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected and checked all electrical components inside of VFD Mcc panel Checked for any signs of wire over heating, corrosion and terminal tightness Checked for proper input / output voltages, 617 V, 76.4 A Checked for proper functions on indicator lights and display Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3922802	0000330586	SAMPLER REFRIGERATED EFFLUENT PS1	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067	CLOSE	5/1/24 12:00 AM	8/27/24 09:25 AM	8/27/24 09:25 AM	Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • With assistance from operators, we pulled new electrical wire into conduit to wet well • On going Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • Worked on fabricating electrical bracket Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • Installed new fabricated bracket for new samplers power Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • Discussed scope of work for this project with operator/mechanic Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • Completed electrical work for this project Sampler Refrigerated Effluent Ps1 Insp/Service (1y) - 6067 - • Assisted operator/mechanic & operator with installation
3924191	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - 5537	CLOSE	5/1/24 12:00 AM	5/21/24 02:51 PM	5/21/24 02:51 PM	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - May 10th - • Tested high level alarms • O.A.D.
3930686	0000305280	PANEL ALARM/DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	5/1/24 12:00 AM	6/3/24 08:19 AM	6/3/24 08:19 AM	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - May 3 - Tested High Level float, OAD.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3930690	0000330773	DRIVE VFD 01 RAW PUMP FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 01 Pump PSM Insp/ Service (1y) - 5907	CLOSE	5/1/24 12:00 AM	7/16/24 02:34 PM	7/16/24 02:34 PM	Drive VFD 01 Pump PSM Insp/ Service (1y) - 5907 - <ul style="list-style-type: none"> Inspected inside of pump #1 Mcc panel for any electrical components not working properly Checked for any signs of wires overheating, corrosion and terminal tightness Cleaned filters as required Checked VFD display for proper read outs Checked for proper voltages and amperages 609 v, 19.6 a, Electrical checks complete
3930696	0000330774	DRIVE VFD 02 RAW PUMP FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 02 Pump PSM Insp/ Service (1y) - 5907	CLOSE	5/1/24 12:00 AM	7/16/24 02:36 PM	7/16/24 02:36 PM	Drive VFD 02 Pump PSM Insp/ Service (1y) - 5907 - <ul style="list-style-type: none"> Inspected inside of pump #2 Mcc panel for any electrical components not working properly Checked for any signs of wires overheating, corrosion and terminal tightness Cleaned filters as required Checked VFD display for proper read outs Checked for proper voltages and amperages 609 v, 20.5 a, Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3930734	0000305263	GRINDER RAW SEWAGE INLET	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Grinder Annual Insp/Service (1y) - 5907	CLOSE	5/1/24 12:00 AM	9/20/24 03:06 PM	9/20/24 03:06 PM	Grinder Annual Insp/Service (1y) - 5907 - Closing electrical WO out due to WO # 3930750 Sept. 20 - see details - Pulled, power washed, inspected cutters/teeth, removed debris • Test ran top side, observed operation • Reinstalled, back in service, OAD
3930750	0000305264	PANEL CONTROL GRINDER	5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Panel Grinder Control front PS Insp/ Service (1y) - 5907	CLOSE	5/1/24 12:00 AM	7/16/24 02:44 PM	7/16/24 02:44 PM	
3936425			5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Maintenance/Operation Program, PS#4, 5537	CLOSE	5/1/24 12:00 AM	7/12/24 02:12 PM	7/12/24 02:12 PM	Valve Maintenance/Operation Program, PS#4 - July 12th - Checked valve, opened and closed valve manually. Greased the threads with some lubricant to aid in turning. • Valve is OAD.
3936432	0000305293	VALVE CHECK PS4 SWING RAW PUMP #1	5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	1	YEARS	Annual Check Valve #1 Inspection/ Cleanout, PS#4 - 5537	CLOSE	5/1/24 12:00 AM	7/12/24 02:10 PM	7/12/24 02:10 PM	Annual Check Valve #1 Inspection/ Cleanout, PS#4 - July 12 - Cleaned out check valve opening from rags and other debris. • Reassembled unit and tested for operation. • Check valve is OAD.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3936434	0000305499	VALVE CHECK PS4 SWING RAW PUMP #2	5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	1	YEARS	Annual Check Valve #2 Inspection/ Cleanout, PS#4 - 5537	CLOSE	5/1/24 12:00 AM	7/12/24 02:11 PM	7/12/24 02:11 PM	Annual Check Valve #2 Inspection/ Cleanout, PS#4 - July 12 - <ul style="list-style-type: none"> Cleaned out check valve opening from rags and other debris. Reassembled unit and tested for operation. Check valve is OAD.
3946819	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	CORR	Refurbish/ Replace/Repair	0		PANEL ALARM/DIALER SILVA P.S Faulty Low Battery Report 5907	CLOSE		5/1/24 02:40 PM	5/1/24 02:40 PM	PANEL ALARM/DIALER SILVA P.S Faulty Low Battery Report 5907 - <ul style="list-style-type: none"> Inspected & replaced faulty alarm dialer battery Seems ok
3949200	0000330757	PUMP SUBMERSIBLE RAW 02 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pull pump #2, remove debris, reinstall - 6067	CLOSE		5/9/24 03:08 PM	5/9/24 03:08 PM	Completed - see details - <ul style="list-style-type: none"> Pump partially plugged, low flows picked up boom truck debris must've fallen out while lifting out of well Removed rags & debris from chain and cable, reinstalled Pump OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3950206	0000330756	PUMP SUBMERSIBLE RAW 01 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CALL	Refurbish/ Replace/Repair	0		High Flood Level #1 Colchester Sewage Alarm May 14th 2024	CLOSE		5/14/24 10:24 PM	5/14/24 11:59 PM	High Flood Level #1 Colchester Sewage Alarm May 14th 2024 - <ul style="list-style-type: none"> Received a high flood level #1 Colchester sewage alarm @ 22:24 Responded Upon arrival found both pumps with VFD communication fault Powered down pump #2 to reset fault Returned to auto VFD fault returned Informed ORO log findings Pumped well down with pump #1 & #2 in manual High level restored @ 22:50 Once well was pumped down, powered both pumps down Returned power to both pumps Returned both pumps to auto Observed pump cycle on each pump Both pumps started at setpoint successfully System OAD Informed ORO High Flood Level #1 Colchester Sewage Alarm May 14th 2024 - <ul style="list-style-type: none"> 18 km on OnCall Escape

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3952147			6067, Colchester Sewage PS 06 - Colchester CC	CALL	Refurbish/ Replace/Repair	0		Generator on, AC power fail (Cornwall) and Colchester pump stations - 6067	CLOSE		5/26/24 08:00 PM	5/26/24 09:45 PM	Generator on, AC power fail (Cornwall) and Colchester pump stations - 6067 - <ul style="list-style-type: none"> Received generator on, AC power fail @ 1956 for Cornwall due to storm event Received Loss of phase alarms for Cyrs, Cooks, Argyle and Country Club @ 1956 due to storm event Received high level alarms for Cooks and Argyle @ 2036 and 2039 Received restores for generator on, AC power fail @ 2147 (Cornwall) Received restores for pump stations @ 2146 Checked operations at all facilities, operating as designed upon departure Vehicle used, F150, 40 kms

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3952157			6067, Colchester Sewage PS 06 - Colchester CC	CALL	Refurbish/ Replace/Repair	0		Generator on, AC power fail (Cornwall) and Colchester pump stations - 6067	CLOSE		5/26/24 08:00 PM	5/26/24 10:00 PM	Generator on, AC power fail (Cornwall) and Colchester pump stations - 6067 - <ul style="list-style-type: none"> Received generator on, AC power fail @ 1956 for Cornwall due to storm event Received loss of phase alarms for Cyrs, Cooks, Argyle and Country Club @ 1956 Received high level alarms for Cooks and Argyle @ 2036 and 2039 Received restores for generator on, AC power fail @ 2147 (Cornwall) Received restores for pump stations @ 2146 Checked operations at all facilities, operating as designed Vehicle used, F150, 40 kms Deleted workorder - <ul style="list-style-type: none"> Deleted workorder
3967411	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	6/1/24 12:00 AM	6/13/24 03:02 PM	6/13/24 03:02 PM	
3967449	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	6/1/24 12:00 AM	6/13/24 03:04 PM	6/13/24 03:04 PM	June 13th - Generator is OAD.
3967468	0000305271	PANEL ALARM/ DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	6/1/24 12:00 AM	6/24/24 11:31 AM	6/24/24 11:31 AM	Alarm Dialer PS4 Insp/Test - Weekly (1m) - June 6th - <ul style="list-style-type: none"> Tested intrusion, flood and high level alarms Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537 - <ul style="list-style-type: none"> Closing WO WO now a monthly
3967518	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/ Test (1m) - 5907	CLOSE	6/1/24 12:00 AM	6/20/24 01:42 PM	6/20/24 01:42 PM	complete -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3967541	0000305274	PANEL ALARM/ DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	6/1/24 12:00 AM	7/3/24 09:00 AM	7/3/24 09:00 AM	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - June 13th - • Tested intrusion, flood, smoke and high level alarms • O.A.D.
3967633			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	6/1/24 12:00 AM	7/3/24 09:01 AM	7/3/24 09:01 AM	Completed -
3968229			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	6/1/24 12:00 AM	6/26/24 10:08 AM	6/26/24 10:08 AM	Sampling and Testing Monthly (1m) - 6067 - • Flushed effluent sample line • Started comp. sampler Sampling and Testing Monthly (1m) - June 5th - • Sampled raw and effluent Sampling and Testing Monthly (1m) - June 12th - • Sampled effluent Sampling and Testing Monthly (1m) - June 26th -
3971012	0000280116	DRIVE VFD 01 PS3A	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 01 PS3A Insp/Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	7/15/24 01:25 PM	7/15/24 01:25 PM	Drive VFD 01 PS3A Insp/Service (1y) - 5537 - • Inspected inside of pump #1 Mcc panel for any electrical components not working properly • Checked for any signs of wires overheating, corrosion and terminal tightness • Cleaned filters as required • Checked VFD display for proper read outs • Reset fan fault • Checked for proper voltages and amperages 612 v, 85.6 a, • Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3971018	0000280119	DRIVE VFD 02 PS3A	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 02 PS3A Insp/Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	7/15/24 01:27 PM	7/15/24 01:27 PM	Drive VFD 02 PS3A Insp/Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected inside of pump #2 Mcc panel for any electrical components not working properly Checked for any signs of wires overheating, corrosion and terminal tightness Cleaned filters as required Checked VFD display for proper read outs Checked for proper voltages and amperages 612 v, 76.8 a, Electrical checks complete
3971029	0000138484	PUMP SUBMERSIBLE 01 PS4 04	5537, Essex Sewage PS	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 PS4 Submersible Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	10/18/24 03:46 PM	10/18/24 03:46 PM	Pump #1 PS4 Submersible Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected inside of pump #1 Mcc panel for any electrical components not working properly Checked for any signs of wires overheating, corrosion and terminal tightness Checked for proper voltages and amperages 600 v, 30 a, 85L/s Electrical checks complete Mechanical Service (1y) - Oct 18th - <ul style="list-style-type: none"> Changed oil in pump 1 with assistance from ben (7.5L SAE 30) Inspected impeller, chain and cable, OAD
3971038	0000138485	PUMP SUBMERSIBLE 02 PS4 04	5537, Essex Sewage PS	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 PS4 Submersible Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	6/24/24 08:48 AM	6/24/24 08:48 AM	Pump #2 PS4 Submersible Service (1y) - June 24 - <ul style="list-style-type: none"> Pump replaced with new chopper pump, work order not applicable at this time.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3971101	0000202782	PUMP SUBMERSIBLE 01 PS3 03	5537, Essex Sewage PS	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 @ PS3 Submersible Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	6/18/24 02:23 PM	6/18/24 02:23 PM	Pump #1 @ PS3 Submersible Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected & checked Inside of MCC for any signs of damage Checked all electrical components for pump 01 functions Checked wires for any signs of over heating, corrosion & terminal tightness Cleaned filters required Checked for proper voltages 617 Cleaned inside of Mcc panel Electrical checks complete
3971110	0000202783	PUMP SUBMERSIBLE 02 PS3 03	5537, Essex Sewage PS	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 @ PS3 Submersible Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	7/26/24 09:01 AM	7/26/24 09:01 AM	Pump #2 @ PS3 Submersible Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected & checked Inside of MCC for any signs of damage Checked all electrical components for pump 02 functions Checked wires for any signs of over heating, corrosion & terminal tightness Cleaned filters required Checked for proper voltages 617 Cleaned inside of Mcc panel Electrical checks complete
3971146	0000206466	RECORDER DATA LOGGER FLOW PS4	5537, Essex Sewage PS 04	PM	Refurbish/ Replace/Repair	1	YEARS	Recorder Data Logger Flow Ps4 Insp/Service (1y) - 5537	CLOSE	6/1/24 12:00 AM	7/12/24 02:49 PM	7/12/24 02:49 PM	Recorder Data Logger Flow Ps4 Insp/Service (1y) - 5537 - <ul style="list-style-type: none"> Inspected unit for any signs of overheating, corrosion & terminal tightness of wires Checked unit for any signs of damage Checked for proper Ma voltages Electrical checks complete

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3971205	0000077211	METER LEVEL 01 SILVA PS	5907, Silva Estate Pumping Station	PM	Calibration	1	YEARS	Meter Level Insp Silva PS (1y) - 5907	CLOSE	6/1/24 12:00 AM	7/16/24 02:57 PM	7/16/24 02:57 PM	Meter Level Insp Silva PS (1y) - 5907 - <ul style="list-style-type: none"> Inspected unit for any signs of damage Checked unit for proper input/output voltages Echo confidence 88% Checked units display for proper read outs Checked for any signs of corrosion, over heating & terminal tightness of wires Electrical checks complete
3971210	0000280167	PUMP SUBMERSIBLE 02 SILVA PS	5907, Silva Estate Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Silva # 2 annual Service (1y) - 5907	CLOSE	6/1/24 12:00 AM	9/20/24 03:10 PM	9/20/24 03:10 PM	Pump Silva # 2 annual Service (1y) - 5907 - <ul style="list-style-type: none"> Inspected inside of pump #2 Mcc panel for any electrical components not working properly Checked for any signs of wires overheating, corrosion and terminal tightness Cleaned filters as required Pump not running at time of checks Checked for proper input voltages 230 v, 7.4 a Electrical checks complete Sept. 20 - see details - <ul style="list-style-type: none"> Pulled both pumps, power washed, inspected impeller, chain & cable Changed oil, reinstalled, back in service OAD
3972611	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - 5537	CLOSE	6/1/24 12:00 AM	7/3/24 08:52 AM	7/3/24 08:52 AM	Alarm Testing PS3 & PS3A Insp/ Test - Weekly (1m) - June 6th - <ul style="list-style-type: none"> Tested high level alarms

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3980450	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	6/1/24 12:00 AM	7/3/24 09:02 AM	7/3/24 09:02 AM	Completed - Completed as per plan, OAD.
3986264			5907, Harrow Sewage Front Pump Station	PM	Refurbish/ Replace/Repair	1	YEARS	Valve Maintenance/Operation Program, Front Bldg, 5907	CLOSE	6/1/24 12:00 AM	8/2/24 01:53 PM	8/2/24 01:53 PM	completed -
3987048	0000305253	METER LEVEL HARROW FRONT BLDG RAW PS01	5907, Harrow Sewage Front Pump Station	PM	Calibration	1	YEARS	Meter Level Insp Raw Front Bldg(1y) - 5907	CLOSE	6/1/24 12:00 AM	7/16/24 02:59 PM	7/16/24 02:59 PM	Meter Level Insp Raw Front Bldg(1y) - 5907 - <ul style="list-style-type: none"> Inspected unit for any signs of damage Checked unit for proper input/output voltages Echo confidence 82% Checked units display for proper read outs Checked for any signs of corrosion, over heating & terminal tightness of wires Electrical checks complete
3997714			6067, Colchester Sewage PS 02 - Argyle Beach	CALL	Refurbish/ Replace/Repair	0		Loss of phase due to power outage 6067	CLOSE		6/5/24 04:23 PM	6/5/24 09:00 PM	complete -
3997748			6067, Colchester Sewage PS 02 - Argyle Beach	CALL	Refurbish/ Replace/Repair	0		Loss of phase due to power outage 6067	CLOSE		6/5/24 04:23 PM	6/5/24 09:00 PM	- <ul style="list-style-type: none"> Responded to Loss of phase alarm at 1623, informed ORO, reported on site and found hydro one crews working on powerlines. Received HL alarm at 1750, waited and inspected well to ensure it would not overflow or need back up generator until power restored at 2005. Pumped well down, placed pumps back in auto. System is now OAD.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4000465			5907, Silva Estate Pumping Station	CORR	Refurbish/Replace/Repair	0		Silva Estate Pumping Station Pump 01 Faulty Hour Meter 5907	CLOSE		7/16/24 03:02 PM	7/16/24 03:02 PM	Silva Estate Pumping Station Pump 01 Faulty Hour Meter 5907 - • Replaced faulty hour meter on pump 01 • Will continue to monitor Silva Estate Pumping Station Pump 01 Faulty Hour Meter 5907 - • Closing this WO out, due to the operators said the hour meter is working OAD
4015889	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	7/1/24 12:00 AM	7/22/24 02:55 PM	7/22/24 02:55 PM	Engine Diesel PS4 Insp/Test (1m) - 5537 - • Test ran unit • OAD
4015927	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	7/1/24 12:00 AM	7/22/24 02:56 PM	7/22/24 02:56 PM	Engine Diesel PS3A Insp/Test (1m) - 5537 - • Test ran unit • OAD
4015946	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test - Weekly (1m) - 5537	CLOSE	7/1/24 12:00 AM	7/17/24 02:36 PM	7/17/24 02:36 PM	
4015996	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	7/1/24 12:00 AM	7/16/24 03:20 PM	7/16/24 03:20 PM	Engine Diesel Harrow STP Insp/Test (1m) - July 16 - • Test ran diesel engine at the Harrow front building. • Generator is OAD.
4016019	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - 5907	CLOSE	7/1/24 12:00 AM	7/23/24 12:44 PM	7/23/24 12:44 PM	Alarm Dialer Front Bldg Insp/Test - Weekly (1m) - July 5 - • 5th • Tested all alarms • All OAD

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4016111			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	7/1/24 12:00 AM	8/2/24 02:13 PM	8/2/24 02:13 PM	Weekly Silva P.S. Checks (1m) - July 5 - • 5th • Checked station • Pumped well down • OAD Weekly Silva P.S. Checks (1m) - July 12th - Weekly Silva P.S. Checks (1m) - July 24th -

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Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4016647			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	7/1/24 12:00 AM	7/31/24 10:08 AM	7/31/24 10:08 AM	Sampling and Testing Monthly (1m) - 2nd & 3rd - • 2nd • Flushed effluent sample line • Started effluent comp. sampler • 3rd • Sampled raw and effluent • Shipped to SGS Sampling and Testing Monthly (1m) - July 10th - • Sampled effluent Sampling and Testing Monthly (1m) - 24th - Sampling and Testing Monthly (1m) - 23rd - • Flushed effluent sample line • Started comp sampler • OAD Sampling and Testing Monthly (1m) - 6067 - • Flushed effluent sample line • Started comp. sampler Sampling and Testing Monthly (1m) - 6067 - • Collected effluent samples • Shipped to SGS
4018419	0000305485	ANALYZER GAS PORTABLE UNIT	5907, Harrow Sewage Front Pump Station	PM	Calibration	6	MONTHS	Analyzer Gas Portable Unit Insp/Service (6m) - 5907	CLOSE	7/1/24 12:00 AM	7/3/24 02:12 PM	7/3/24 02:12 PM	Completed by 3rd party - July 3rd -
4020876	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - 5537	CLOSE	7/1/24 12:00 AM	7/17/24 02:38 PM	7/17/24 02:38 PM	Completed -tested alarms during weekly checks, OAD.
4027867	0000330751	METER FLOW RAW INFLUENT CORNWALL MAGNETIC	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/Replace/Repair	1	YEARS	Meter Flow Insp/Service (1y) - 6067	CLOSE	7/1/24 12:00 AM	7/3/24 07:53 AM	7/3/24 07:53 AM	

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Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4027886	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - 5907	CLOSE	7/1/24 12:00 AM	7/12/24 01:44 PM	7/12/24 01:44 PM	Alarm Dialer Silva PS Insp/Test - Weekly (1m) - July 5 - • 5th • Tested high level alarm • OAD
4027890	0000330770	ANALYZER MULTI QUAD GAS DRY WELL FRONT PS	5907, Harrow Sewage Front Pump Station	PM	Calibration	6	MONTHS	Analyzer Gas Fixed Unit Insp/ Service (6m) - 5907	CLOSE	7/1/24 12:00 AM	7/3/24 02:13 PM	7/3/24 02:13 PM	
4049930			5907, Harrow Sewage Front Pump Station	CORR	Refurbish/ Replace/Repair	0		Gas monitoring System Issue 5907	CLOSE		8/27/24 09:24 AM	8/27/24 09:24 AM	Gas monitoring System Issue 5907 - • Operator found system in fault H2S • Inspected unit, found H2S sensor in basement not responding • Waiting on Indus for further instructions Checked connections, cycled power - OAD -
4051353			6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Toilet Repairs - 6067	CLOSE		7/29/24 10:45 AM	7/29/24 10:45 AM	Cornwall Toilet repairs - July 26th - • Replace fill valve and flapper valve, set levels accordingly and check function. OAD
4052007			5907, Harrow Sewage Front Pump Station	CORR	Refurbish/ Replace/Repair	0		Front Building Lighting Upgrades - 5907	COMP		1/6/25 07:56 AM	1/6/25 07:56 AM	Assess scope - July 30th - Front Building Lighting Upgrades - 5907 - • Investigating facility lights issue • Ordering new LED lighting Front Building Lighting Upgrades - 5907 - • Started to prepare the new lighting with new electrical fittings • On going

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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
4064569	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	8/1/24 12:00 AM	8/26/24 02:41 PM	8/26/24 02:41 PM	Engine Diesel PS4 Insp/Test (1m) - Aug. 26th - • Test ran and OAD
4064607	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	8/1/24 12:00 AM	8/26/24 02:42 PM	8/26/24 02:42 PM	Engine Diesel PS3A Insp/Test (1m) - Aug. 26th - • Test ran and OAD
4064626	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test (1m) - 5537	CLOSE	8/1/24 12:00 AM	8/2/24 01:57 PM	8/2/24 01:57 PM	
4064676	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	8/1/24 12:00 AM	8/8/24 02:25 PM	8/8/24 02:25 PM	Engine Diesel Harrow STP Insp/Test (1m) - Aug. 8th - • Test ran and OAD
4064699	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test (1m) - 5907	CLOSE	8/1/24 12:00 AM	8/2/24 02:00 PM	8/2/24 02:00 PM	completed -
4064791			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	8/1/24 12:00 AM	8/30/24 12:43 PM	8/30/24 12:43 PM	Weekly Silva P.S. Checks (1m) - Aug. 8th - • Checked and OAD Weekly Silva P.S. Checks (1m) - Aug 12th - • Regular checks complete, pumped well down Weekly Silva P.S. Checks (1m) - Aug. 28 - • Checked station • Pumped well down • OAD

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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
4065380			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	8/1/24 12:00 AM	8/30/24 12:36 PM	8/30/24 12:36 PM	Sampling and Testing Monthly (1m) - Aug. 7th - • Sampled raw and effluent Sampling and Testing Monthly (1m) - Aug 13th - • Collected effluent samples Sampling and Testing Monthly (1m) - Aug 21th - Sampling and Testing Monthly (1m) - 6067 - • Flushed effluent sample line • Started comp. sampler • OAD Sampling and Testing Monthly (1m) - Aug. 28th - • Sampled effluent • Shipped to SGS
4068918	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test (1m) - 5537	CLOSE	8/1/24 12:00 AM	8/2/24 02:01 PM	8/2/24 02:01 PM	Alarm Testing PS3 & PS3A Insp/Test - Weekly (1m) - Aug. 2nd - • Tested high level alarms, OAD
4075190	0000330758	SCADA PLC CONTROLLER CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/Replace/Repair	1	YEARS	PLC Annual Maint/Service (1y) - 6067	CLOSE	8/1/24 12:00 AM	10/16/24 02:37 PM	10/16/24 02:37 PM	PLC Annual Maint/Service (1y) - 6067 - • Completed electrical WO
4075210	0000305280	PANEL ALARM/DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test (1m) - 5907	CLOSE	8/1/24 12:00 AM	8/2/24 02:03 PM	8/2/24 02:03 PM	completed -
4093745	0000152040	TANK STORAGE WET WELL PS4	5537, Essex Sewage PS 04	CAP	Refurbish/Replace/Repair	0		Access Ladder Replacement by 3rd Party, well cleaning, bypass pump setup @ PS #4 - 5537	CLOSE		8/14/24 02:48 PM	8/14/24 02:48 PM	
4094164	0000330757	PUMP SUBMERSIBLE RAW 02 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/Replace/Repair	0		Pull Raw pump #2, remove debris, reinstall @ Cornwall - 6067	CLOSE		8/16/24 01:44 PM	8/16/24 01:44 PM	complete -

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4094663			Essex Wastewater Treatment Lagoons	CAP	Compliance	0		CLI-ECA Town of Essex (2024) - 5537	COMP		12/30/24 01:49 PM	12/30/24 01:49 PM	complete or ongoing? - Closed for 2024. - Complete for 2024. -
4094887	0000305497	VALVE SLUICE GATE ISOLATION RAW WELL INLET	5537, Essex Sewage PS 04	CORR	Refurbish/ Replace/Repair	0		PS4 Inlet Sluice Gate Repair - 5537	CLOSE		8/23/24 09:25 AM	8/23/24 09:25 AM	Aug 19th - • Enter well inlet chamber, remove gate valve stem, drill remaining material from shaft, re-enter well and install stainless steel through bolt. PS4 Inlet Sluice Gate Repair - August 19 - • Assisted Colin with repair • Tested operation • OAD

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4094889			6067, Colchester Sewage PS 05 - Cook's Beach	CAP	Refurbish/ Replace/Repair	0		Access Ladder Replacement by 3rd Party, well cleaning, bypass pump setup @ Cook's PS - 6067	CLOSE		8/21/24 02:17 PM	8/21/24 02:17 PM	August 20th - see details below - • "Hurricane" on site at Cook's Beach PS for annual wet well cleaning and to prep for bypass and access ladder replacement. Isolated well inlet pipe with inflatable sewer plug @ 08:00. Well cleaned and dry. "Rain for Rent" on site to install portable bypass pump - suction hose in first upstream manhole, discharge pipe dumping into first downstream manhole, tested pump and auto-dialer for High level alarm = OAD, both main pumps for station left Off with disconnects open.

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													August 21st - see details below - • "Haller Mechanical" on site for R & R of wet well access ladder - complete @ 10:30, pumped down manhole manually, turned off bypass pump, deflated sewer plug, test ran each pump. Well pumped down and pumps in Auto, observed auto run cycle @ 11:45 = Station OAD. August 22nd - see details below - • "Rain for Rent" on site to tear down & remove bypass pump & piping • Removed all temporary barriers & barricades - returned to TOE water Dept. • Returned fall arrest equipment to Harrow front building
4095137	0000330754	DRIVE VFD RAW # 1 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		DRIVE VFD RAW # 1 CORNWALL OVER TEMP ISSUE 6067	CLOSE		10/16/24 02:47 PM	10/16/24 02:47 PM	DRIVE VFD RAW # 1 CORNWALL OVER TEMP ISSUE 6067 - • Closing out this WO after completing my WO's • Pump & VFD look good
4110896	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	9/1/24 12:00 AM	9/23/24 01:01 PM	9/23/24 01:01 PM	Engine Diesel PS4 Insp/Test (1m) - Sept. 23rd - • Test ran and OAD
4110934	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	9/1/24 12:00 AM	9/23/24 01:02 PM	9/23/24 01:02 PM	Engine Diesel PS3A Insp/Test (1m) - Sept. 23rd - • Test ran and OAD

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4110953	0000305271	PANEL ALARM/ DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test (1m) - 5537	CLOSE	9/1/24 12:00 AM	10/2/24 02:38 PM	10/2/24 02:38 PM	Sept 12th -
4111003	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/ Test (1m) - 5907	CLOSE	9/1/24 12:00 AM	9/17/24 01:25 PM	9/17/24 01:25 PM	Engine Diesel Harrow STP Insp/Test (1m) - Sept 17th - Test ran generator at the front building, completed running checks, OAD.
4111026	0000305274	PANEL ALARM/ DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test (1m) - 5907	CLOSE	9/1/24 12:00 AM	9/6/24 07:22 AM	9/6/24 07:22 AM	Alarm Dialer Front Bldg Insp/Test (1m) - Sept. 5th - • Tested intrusion, flood, smoke and high level alarms • OAD
4111118			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	9/1/24 12:00 AM	9/26/24 01:48 PM	9/26/24 01:48 PM	Weekly Silva P.S. Checks (1m) - Sept. 5th - Weekly Silva P.S. Checks (1m) - Sept 12th - • Regular checks complete, station is OAD. Weekly Silva P.S. Checks (1m) - Sept 17th - Weekly Silva P.S. Checks (1m) - 5907 - • Pumped well down using both pumps • OAD
4111212	0000206310	PUMP SUBMERSIBLE 02 PS3 Crystal Beach	6067, Colchester Sewage PS 03 - Crystal Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Crystal Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 07:57 AM	10/18/24 07:57 AM	

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4111761			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	9/1/24 12:00 AM	9/25/24 11:14 AM	9/25/24 11:14 AM	Sampling and Testing Monthly (1m) - Sept 11 - • Collected raw and effluent samples Sampling and Testing Monthly (1m) - Sept 18 - Sampling and Testing Monthly (1m) - 6067 - • Flushed eff. sample line • Started comp. sampler • OAD Sampling and Testing Monthly (1m) - 6067 - • Collected effluent samples • Shipped to SGS
4114037	0000330756	PUMP SUBMERSIBLE RAW 01 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Cornwall Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 07:58 AM	10/18/24 07:58 AM	Pump #1 Cornwall Annual Service (1y) - 6067 - • Completed electrical WO
4114046	0000330757	PUMP SUBMERSIBLE RAW 02 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Cornwall Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 07:58 AM	10/18/24 07:58 AM	
4114055	0000305491	PUMP SUBMERSIBLE 01 PS2 Argyle Beach	6067, Colchester Sewage PS 02 - Argyle Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Argyle Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 07:59 AM	10/18/24 07:59 AM	
4114064	0000137972	PUMP SUBMERSIBLE 01 PS7 Cyr's Beach	6067, Colchester Sewage PS 07 - Cyr's Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Cyr's Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/27/24 12:40 PM	9/27/24 12:40 PM	completed Sept 27 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD

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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
4114073	0000305482	PUMP SUBMERSIBLE 02 PS7 Cyr's Beach	6067, Colchester Sewage PS 07 - Cyr's Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Cyr's Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/27/24 12:43 PM	9/27/24 12:43 PM	completed Sept 27 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD
4114082	0000137975	PUMP SUBMERSIBLE 01 PS6 Colchester Country Club	6067, Colchester Sewage PS 06 - Colchester CC	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Country Club Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/26/24 12:36 PM	9/26/24 12:36 PM	completed Sept 26 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD
4114091	0000305492	PUMP SUBMERSIBLE 02 PS5 Cook's Beach	6067, Colchester Sewage PS 05 - Cook's Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Cook's Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/26/24 12:34 PM	9/26/24 12:34 PM	completed Sept 26 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD
4114100	0000202789	PUMP SUBMERSIBLE 01 PS3 Crystal Beach	6067, Colchester Sewage PS 03 - Crystal Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Crystal Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 08:00 AM	10/18/24 08:00 AM	Pump #1 Argyle Annual Service (1y) - 6067 - • Completed electrical WO Annual maint. completed Oct. 16 -
4114109	0000202790	PUMP SUBMERSIBLE 02 PS2 Argyle Beach	6067, Colchester Sewage PS 02 - Argyle Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Argyle Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/18/24 08:01 AM	10/18/24 08:01 AM	Pump #2 Argyle Annual Service (1y) - 6067 - • Completed electrical WO Annual maint. completed Oct. 16 -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4114118	0000206311	PUMP SUBMERSIBLE 02 PS6 Colchester Country Club	6067, Colchester Sewage PS 06 - Colchester CC	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #2 Country Club Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/26/24 12:37 PM	9/26/24 12:37 PM	completed Sept 26 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD
4115582	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test (1m) - 5537	CLOSE	9/1/24 12:00 AM	10/3/24 11:24 AM	10/3/24 11:24 AM	Sept 12th -
4122948	0000330755	DRIVE VFD RAW # 2 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 02 Pump PSM Insp/ Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/16/24 02:42 PM	10/16/24 02:42 PM	
4122954	0000330754	DRIVE VFD RAW # 1 CORNWALL	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Refurbish/ Replace/Repair	1	YEARS	Drive VFD 01 Pump PSM Insp/ Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	10/16/24 02:41 PM	10/16/24 02:41 PM	Drive VFD 01 Pump PSM Insp/ Service (1y) - 6067 - • Completed electrical WO
4122960	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test (1m) - 5907	CLOSE	9/1/24 12:00 AM	9/6/24 07:24 AM	9/6/24 07:24 AM	Alarm Dialer Silva PS Insp/Test (1m) - Sept. 5th - • Tested high level alarm • OAD
4126277	0000305484	PUMP SUBMERSIBLE 01 PS5 Cook's Beach	6067, Colchester Sewage PS 05 - Cook's Beach	PM	Refurbish/ Replace/Repair	1	YEARS	Pump #1 Cook's Annual Service (1y) - 6067	CLOSE	9/1/24 12:00 AM	9/26/24 12:33 PM	9/26/24 12:33 PM	completed Sept 26 - • Pulled pump, power washed, removed debris, inspected impeller, chain & cable • Changed oil, reinstalled, back in service • OAD
4143148			6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Installation Of New Air Compressor 01 6067	COMP		12/20/24 08:43 AM	12/20/24 08:43 AM	ongoing -
4143703	0000330756	PUMP SUBMERSIBLE RAW 01 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pull Raw pump #1, remove debris, reinstall @ Cornwall - 6067	CLOSE		9/13/24 02:25 PM	9/13/24 02:25 PM	sept 13 -
4160449	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	10/1/24 12:00 AM	10/16/24 01:46 PM	10/16/24 01:46 PM	October 16th - Completed as per plan.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4160487	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	10/1/24 12:00 AM	10/11/24 11:14 AM	10/11/24 11:14 AM	October 9th - Completed as per plan.
4160506	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test (1m) - 5537	CLOSE	10/1/24 12:00 AM	10/11/24 11:13 AM	10/11/24 11:13 AM	Alarm Dialer PS4 Insp/Test (1m) - 5537 - Completed as per plan.
4160556	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	CLOSE	10/1/24 12:00 AM	10/17/24 02:49 PM	10/17/24 02:49 PM	Diesel Generator Test Run- Oct 17th - Completed as per plan.
4160579	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test (1m) - 5907	CLOSE	10/1/24 12:00 AM	10/18/24 03:06 PM	10/18/24 03:06 PM	- • Tested high level 1 & 2 Alarms, Flood alarm and intrusion alarm. OAD.
4160671			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	10/1/24 12:00 AM	10/31/24 12:42 PM	10/31/24 12:42 PM	Weekly Silva P.S. Checks (1m) - Sept 3 - Weekly Silva P.S. Checks (1m) - Oct. 24th - • Regular checks complete • Pumped well down • OAD Weekly Silva P.S. Checks (1m) - Oct. 31st -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4161307			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	10/1/24 12:00 AM	10/30/24 12:00 PM	10/30/24 12:00 PM	Sampling and Testing Monthly (1m) - Oct. 2nd - • Sampled raw and effluent Sampling and Testing Monthly (1m) - Oct 9th - • Collected effluent samples from Cornwall Sampling and Testing Monthly (1m) - Oct 16th - Sampling and Testing Monthly (1m) - 6067 - • Flushed effluent sample line • Started comp. sampler • OAD Sampling and Testing Monthly (1m) - Oct. 23rd - • Sampled effluent • Shipped to SGS Sampling and Testing Monthly (1m) - Oct. 30th - • Sampled effluent
4163830	0000280135	TANK STORAGE WET WELL PS3A	5537, Essex Sewage PS 03	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Wet Well Ps3A Insp (1y) - 5537	CLOSE	10/1/24 12:00 AM	10/23/24 01:25 PM	10/23/24 01:25 PM	Completed Aug. 13th -
4163876	0000077212	TANK STORAGE WET WELL SILVA PS	5907, Silva Estate Pumping Station	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Storage Wet Well Silva Ps Insp (1y) - 5907	CLOSE	10/1/24 12:00 AM	10/23/24 01:20 PM	10/23/24 01:20 PM	Completed Aug. 20th -
4165612	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test (1m) - 5537	CLOSE	10/1/24 12:00 AM	10/11/24 11:16 AM	10/11/24 11:16 AM	October 9th - Completed for October. OAD.
4173421	0000305280	PANEL ALARM/ DIALER SILVA P.S.	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test (1m) - 5907	CLOSE	10/1/24 12:00 AM	10/11/24 02:00 PM	10/11/24 02:00 PM	Alarm Dialer Silva PS Insp/Test (1m) - Oct 11th - • Tested High level alarm, OAD.

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4185380	0000330756	PUMP SUBMERSIBLE RAW 01 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Pump #1 Issue Investigation	CLOSE		10/2/24 02:50 PM	10/2/24 02:50 PM	Pump #1 Issue Investigation -Sept 1st - Pump#1 run time alarm active, tested pump in Manual to find high amps and low flows compared to regular operating ranges. Pump was pulled and inspected for debris in the volute, nothing was found and prop was spinning freely. It's expected whatever was inside was spit out upon lifting the pump out of the well. High temp alarm still active. Electrician has been notified for further investigation of the panel. Pump #1 Issue Investigation - • Assist with pump pull and inspection
4196222			6067, Colchester Sewage PS 06 - Colchester CC	CALL	Refurbish/ Replace/Repair	0		Loss of phase Country Club -6067	CLOSE		10/25/24 03:30 PM	10/28/24 11:11 AM	Loss of phase Country Club -6067 - @1819 Received loss of phase alarm. Notified ORO Called Hydro one to investigate, they dispatched a crew to resolve the power issue. @1955 Loss of phase alarm restored. @2000 Arrived onsite, tested pumps, station is OAD. Notified ORO, Headed home.
4209376	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	CLOSE	11/1/24 12:00 AM	11/28/24 09:35 AM	11/28/24 09:35 AM	Test ran generator Nov 6th - ELK onsite doing a meter swap, generator ran for 1 hr, completed running checks, OAD.
4209414	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	CLOSE	11/1/24 12:00 AM	11/13/24 03:11 PM	11/13/24 03:11 PM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4209433	0000305271	PANEL ALARM/ DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test (1m) - 5537	CLOSE	11/1/24 12:00 AM	11/13/24 03:13 PM	11/13/24 03:13 PM	Alarm Dialer PS4 Insp/Test (1m) - Nov. 13th - • Tested intrusion, flood and high level (float and Milltronics) • OAD
4209483	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/ Test (1m) - 5907	CLOSE	11/1/24 12:00 AM	11/28/24 02:12 PM	11/28/24 02:12 PM	Completed -
4209506	0000305274	PANEL ALARM/ DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test (1m) - 5907	CLOSE	11/1/24 12:00 AM	11/7/24 01:59 PM	11/7/24 01:59 PM	
4209598			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	CLOSE	11/1/24 12:00 AM	11/29/24 07:00 AM	11/29/24 07:00 AM	Weekly Silva P.S. Checks (1m) - Nov 7th - • Regular checks complete, station is OAD. Weekly Silva P.S. Checks (1m) - Nov. 22 - • Regular checks complete • OAD Weekly Silva P.S. Checks (1m) - Nov. 28th -
4210134			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	CLOSE	11/1/24 12:00 AM	11/28/24 02:07 PM	11/28/24 02:07 PM	Sampling and Testing Monthly (1m) - Nov 6th - • Collected monthly raw and effluent samples Sampling and Testing Monthly (1m) - Nov 13th -
4213505	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/ Test (1m) - 5537	CLOSE	11/1/24 12:00 AM	11/13/24 03:14 PM	11/13/24 03:14 PM	Alarm Testing PS3 & PS3A Insp/ Test (1m) - Nov. 13th - • Tested high level alarms • OAD

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4219361	0000305280	PANEL ALARM/ DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test (1m) - 5907	CLOSE	11/1/24 12:00 AM	11/7/24 02:01 PM	11/7/24 02:01 PM	Alarm Dialer Silva PS Insp/Test (1m) - Nov 7th - • Tested high level alarm. Alarm is OAD.
4234570			Essex Wastewater Treatment Lagoons	CAP	Compliance	0		Sediment Measurements - Town of Essex Storm CLI (2024)	COMP		12/20/24 09:20 AM	12/20/24 09:20 AM	Complete ? -
4235094	0000152047	GENERATOR 80 KW ELECTRIC PS #4	5537, Essex Sewage PS 04	CAP	Refurbish/ Replace/Repair	0		Old Generator demo, Alum Tank removal and Garage Door Install - 5537	COMP		12/20/24 08:35 AM	12/20/24 08:35 AM	underway -
4235096			5537, Essex Sewage PS 04	CAP	Refurbish/ Replace/Repair	0		MCC Panel and Auto Transfer Switch Replacement by Powerserve Electrical Contractor - 5537	COMP		1/7/25 02:41 PM	1/7/25 02:41 PM	MCC Panel and Auto Transfer Switch Replacement by Powerserve Electrical Contractor - • Worked with electro tech on removing the existing Barnes mini cass on pump #2 and re wiried pump #2 temporary Pick up portable generator - MCC Panel and Auto Transfer Switch Replacement by Powerserve Electrical Contractor - • Onsite with electrical contractors MCC Panel and Auto Transfer Switch Replacement by Powerserve Electrical Contractor - • Onsite with contractors for operations Contractors swapped pump controls to new MCC - Dec. 18 - Contractors swapped ATS & removed old MCC - Dec. 18 -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4235531			6067, Colchester Sewage PS 07 - Cyr's Beach	CORR	Refurbish/ Replace/Repair	0		Milltronis Adjustment Parameters Issue 6067	CLOSE		11/8/24 09:18 AM	11/8/24 09:18 AM	Milltronis Adjustment Parameters Issue 6067 - • With assistance from operator "Kelly" we adjusted parameters on Milltronics and it looks good.
4236742	0000305272	PANEL ALARM/ DIALER CRYSTAL BEACH P.S. 6067	6067, Colchester Sewage PS 03 - Crystal Beach	CORR	Refurbish/ Replace/Repair	0		Cyrstel Beach Storm Station Security One Faulty Battery 6067	CLOSE		11/12/24 02:06 PM	11/12/24 02:06 PM	Cyrstel Beach Storm Station Security One Faulty Battery 6067 - • Investigated low battery alarm, faulty battery • Picked up new replacement battery, installed, looks good
4236899	0000280167	PUMP SUBMERSIBLE 02 SILVA PS	5907, Silva Estate Pumping Station	CORR	Refurbish/ Replace/Repair	0		Silva Pump Station Faulty Hour Meter 5907	CLOSE		11/14/24 02:25 PM	11/14/24 02:25 PM	Silva Pump Station Faulty Hour Meter 5907 - • Removed faulty pump #1 hour meter • Installed & wired new pump #1 hour meter
4238091			6067, Colchester Sewage PS 01 - Colchester Lagoon	CORR	Refurbish/ Replace/Repair	0		Chamber Winter Cover Repairs 6067	CLOSE		11/26/24 08:14 AM	11/26/24 08:14 AM	Replace plywood/paint - Nov 21 -

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4239120	0000330756	PUMP SUBMERSIBLE RAW 01 Cornwall	6067, Colchester Sewage PS 01 - Colchester Lagoon	CALL	Refurbish/ Replace/Repair	0		High Flood Level #1 Alarm Colchester STP - 6067 Nov. 28th	COMP		11/28/24 03:34 AM	11/28/24 05:45 AM	High Flood Level #1 Alarm Colchester STP - 6067 Nov. 28th - • Received high flood level number one from Security One @03:34 • Responded • Upon arrival found pump 1 and 2 both tripped • Attempted to reset faults with VFD reset button on both pumps • Unsuccessful • Powered down pumps • Restored power pumps • Acknowledged alarms on PLC • Tested both pumps in hand • Pumped well down • Received restore at 04:08 • Observed pump cycle • Pumps OAD • 14km on onCall Escape
4251272	0000152048	ENGINE DIESEL 80 KW PS4	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Engine Diesel PS4 Insp/Test (1m) - 5537	COMP	12/1/24 12:00 AM	12/6/24 11:52 AM	12/6/24 11:52 AM	Generator Ran December 3rd -Power outage caused generator to run for an hour, generator running checks were completed by john, then Josh K collected the hours the following day, OAD.
4251310	0000280122	ENGINE DIESEL 360 KW PS3A	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Engine Diesel PS3A Insp/Test (1m) - 5537	COMP	12/1/24 12:00 AM	12/16/24 11:39 AM	12/16/24 11:39 AM	- • Test ran and OAD on Dec. 16th
4251329	0000305271	PANEL ALARM/DIALER ESSEX PS4 5537	5537, Essex Sewage PS 04	PM	Inspection	1	MONTHS	Alarm Dialer PS4 Insp/Test (1m) - 5537	COMP	12/1/24 12:00 AM	12/31/24 10:02 AM	12/31/24 10:02 AM	

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4251379	0000240255	ENGINE DIESEL 83 KW Front Building PS01	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Engine Diesel Harrow STP Insp/Test (1m) - 5907	COMP	12/1/24 12:00 AM	12/18/24 12:45 PM	12/18/24 12:45 PM	Engine Diesel Harrow STP Insp/Test (1m) - 5907 - • Test ran unit • OAD
4251402	0000305274	PANEL ALARM/DIALER FRONT BUILDING 5907	5907, Harrow Sewage Front Pump Station	PM	Inspection	1	MONTHS	Alarm Dialer Front Bldg Insp/Test (1m) - 5907	COMP	12/1/24 12:00 AM	12/6/24 01:06 PM	12/6/24 01:06 PM	
4251501			5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Weekly Silva P.S. Checks (1m) - 5907	COMP	12/1/24 12:00 AM	12/27/24 11:59 AM	12/27/24 11:59 AM	Tyler checked on Dec 5th - Dec. 19 - • Checked station • OAD Weekly Silva P.S. Checks (1m) - Dec. 27th - • Checked and OAD
4252117	0000151430	PUMP DIAPHRAGM ALUM	6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Inspection	1	YEARS	Pump Diaphragm Cell 3 ALUM Service (1y) - 6067	COMP	12/1/24 12:00 AM	1/6/25 07:47 AM	1/6/25 07:47 AM	Inspection completed - Dec 30th - • Running checks completed • Verified oil condition - No service needed at this time • No plumbing leaks

Workorder Summary Report

Report Start Date: Jan 1, 2024 12:00 AM

Report End Date: Dec 31, 2024 11:59 PM

Location: 5537,5537-SP03,5537-SP04,5907,5907-SPFR,5907-SPSE,6067,6067-SP01,6067-SP02,6067-SP03,6067-SP05,6067-SP06,6067-SP07

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4252120			6067, Colchester Sewage PS 01 - Colchester Lagoon	PM	Compliance	1	MONTHS	Sampling and Testing Monthly (1m) - 6067	COMP	12/1/24 12:00 AM	12/31/24 01:25 PM	12/31/24 01:25 PM	Tyler sampled raw and Eff on Dec 4th - Sampled effluent Dec 11th - Sampling and Testing Monthly (1m) - 16th & 17th - • 16th • Flushed effluent sample line • Started comp sampler • 17th • Sampled effluent • Shipped to SGS Sampling and Testing Monthly (1m) - Dec. 23rd - • Sampled effluent Dec. 29th - • Flushed eff. sample line • Started comp. sampler Dec. 30th - • Sampled effluent • Shipped to SGS
4255679	0000280114	PANEL CONTROL	5537, Essex Sewage PS 03	PM	Inspection	1	MONTHS	Alarm Testing PS3 & PS3A Insp/Test (1m) - 5537	COMP	12/1/24 12:00 AM	12/16/24 11:41 AM	12/16/24 11:41 AM	- • Tested high level alarms, all OAD on Dec. 16th
4261186	0000305280	PANEL ALARM/DIALER SILVA P.S. 5907	5907, Silva Estate Pumping Station	PM	Inspection	1	MONTHS	Alarm Dialer Silva PS Insp/Test (1m) - 5907	COMP	12/1/24 12:00 AM	12/6/24 01:10 PM	12/6/24 01:10 PM	Tyler completed on Dec 5th -
4281260			5537, Essex Sewage PS 04	CALL	Refurbish/Replace/Repair	0		Group #4 Alarm - 5537 Dec. 30th	COMP		12/30/24 02:45 AM	12/30/24 03:30 AM	

Appendix II

Flow Meter Calibration Certificates



3170 Ridgeway Drive,
Unit #11
Mississauga, ON L5L 5R4

VERIFICATION REPORT ELECTRO-MAGNETIC FLOW MEASUREMENT

Customer Name: OCWA ESSEX
Plant Name: Essex Pollution Control Plant

Site/Plant Address: 3980 North Malden Road
ON, N0R 1K0

Device Information
Make: Endress+Hauser
Model: Promag 50
Order Code: NA
Serial No.: 71027316000
Tag: NA
Job Location: Meter flow Influent 1
Asset ID: 202671

Service Information
Date: July 3, 2024
Report No: CO1546-2407-11
Work Order No. CO1546-2407

Sensor Details
Line size: DN 300
Mounting: Remote

Flow Details
Unit: l/sec
Flow Range: 0-100
Current Output: 4-20 mA
4 mA Set Point 0
20 mA Set Point 100

Inst. Reading	AS FOUND	AS LEFT
TOTALIZER (m3)	3149208	3149215
FLOW (l/sec)	13.60	21.78

Maintenance Checklist		Remarks
Visual Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	
Electrical Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	

Instrument Test Information and Results			
Test-Point	Flow Measured on ClampOn Calibrator (l/sec)	UUT Display (l/sec)	Deviation (%)
1	17.02	17.23	1.23
2	18.37	18.60	1.25
3	19.08	19.33	1.31

Information of Tools used for Verification of the Instruments

Device Description: Clamp ON Calibrator
Manufacturer: Greyline-Pulsar
Model No: PTFM6.1

Overall Remarks: Measurement Works within Specification.

Service Technician : Sanket Trada Stamp/Signature 
Printed Date: July 3, 2024



3170 Ridgeway Drive,
Unit #11
Mississauga, ON L5L 5R4

VERIFICATION REPORT ELECTRO-MAGNETIC FLOW MEASUREMENT

Customer Name: OCWA ESSEX
Plant Name: Essex Pollution Control Plant

Site/Plant Address: 3980 North Malden Road
ON, N0R 1K0

Device Information
Make: Endress+Hauser
Model: Promag 50
Order Code: NA
Serial No.: CC076B16000
Tag: NA
Job Location: PS#4
Asset ID: 206468

Service Information
Date: July 3, 2024
Report No: CO1546-2407-12
Work Order No. CO1546-2407

Sensor Details
Line size: DN 250
Mounting: Remote

Flow Details
Unit: l/sec
Flow Range: 0-250
Current Output: 4-20 mA
4 mA Set Point 0
20 mA Set Point 250

Inst. Reading	AS FOUND	AS LEFT
TOTALIZER (m3)	7137233	7137249
FLOW (l/sec)	31.63	0.00

Maintenance Checklist		Remarks
Visual Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	
Electrical Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	

Instrument Test Information and Results			
Test-Point	Flow Measured on ClampOn Calibrator (l/sec)	UUT Display (l/sec)	Deviation (%)
1	51.48	52.07	1.15
2	65.83	66.61	1.18
3	79.75	80.57	1.03

Information of Tools used for Verification of the Instruments

Device Description: Clamp ON Calibrator
Manufacturer: Greyline-Pulsar
Model No: PTFM6.1

Overall Remarks: Measurement Works within Specification.

Service Technician : Sanket Trada Stamp/Signature 
Printed Date: July 3, 2024



3170 Ridgeway Drive,
Unit #11
Mississauga, ON L5L 5R4

VERIFICATION REPORT ELECTRO-MAGNETIC FLOW MEASUREMENT

Customer Name: OCWA ESSEX
Plant Name: Harrow Sewage Front Pump Station

Site/Plant Address: Harrow
ON,

Device Information
Make: Endress+Hauser
Model: Promag 50
Order Code: NA
Serial No.: 6202EF16000
Tag: NA
Job Location: METER FLOW 02 MAIN PS
Asset ID: 77201

Service Information
Date: July 3, 2024
Report No: CO1546-2407-16
Work Order No. CO1546-2407

Sensor Details
Line size: DN 200
Mounting: Remote

Flow Details
Unit: l/sec
Flow Range: 0-125
Current Output: 4-20 mA
4 mA Set Point 0
20 mA Set Point 125

Inst. Reading	AS FOUND	AS LEFT
TOTALIZER (m3)	8325333	8325346
FLOW (l/sec)	0.00	0.00

Maintenance Checklist		Remarks
Visual Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	
Electrical Inspection:	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOT OK	

Instrument Test Information and Results			
Test-Point	Flow Measured on ClampOn Calibrator (l/sec)	UUT Display (l/sec)	Deviation (%)
1	72.77	73.53	1.04
2	71.92	72.70	1.08
3	71.82	72.66	1.17

Information of Tools used for Verification of the Instruments

Device Description: Clamp ON Calibrator
Manufacturer: Greyline-Pulsar
Model No: PTFM6.1

Overall Remarks: Measurement Works within Specification.

Service Technician : Sanket Trada Stamp/Signature 
Printed Date: July 3, 2024

Report No. CO1546-2407-15

Plant operator: Induscontrol Inc.

Device information

Location	Cholchester South Lagoon-Harrow
Device tag	Promag
Module name	Promag L
Nominal diameter	DN300 / 12"
Device name	Promag 400
Order code	5L4C3H-AA60/0
Serial number	PB02C116000
Firmware version	02.00.01



Heartbeat
Technology

Calibration

Calibration factor	1.4414
Zero point	-2

Verification information

Operating time (counter)	1604d01h19m05s
Date/time (manually recorded)	02.07.24 14:43
Verification ID	6

Overall verification result

Passed Details see next page

*Result of the complete device functionality test via Heartbeat Technology

Confirmation

Heartbeat Verification verifies the function of the flowmeter within the specified measuring tolerance, over the useful lifetime of the device, with a total test coverage > 94 %, and complies with the requirements for traceable verification according to DIN EN ISO 9001:2008 Section 7.6 a.

Notes

02.07.24

Date

Operator's signature

Inspector's signature

Plant operator: Induscontrol Inc.

Device identification and verification identification

Serial number	PB02C116000
Device tag	Promag
Verification ID	6



Heartbeat
Technology

Sensor

	<input checked="" type="checkbox"/> Passed
Shot time symmetry	<input checked="" type="checkbox"/> Passed
Hold voltage symmetry	<input checked="" type="checkbox"/> Passed
Coil current loss	<input checked="" type="checkbox"/> Passed
Coil current stability	<input checked="" type="checkbox"/> Passed
Coil resistance	<input checked="" type="checkbox"/> Passed
Cable defect	<input checked="" type="checkbox"/> Passed
Cable defect	<input checked="" type="checkbox"/> Passed
Cable defect	<input checked="" type="checkbox"/> Passed

Sensor electronic module (ISEM)

	<input checked="" type="checkbox"/> Passed
External reference voltage	<input checked="" type="checkbox"/> Passed
Linearity of electrode measuring circuit	<input checked="" type="checkbox"/> Passed
Offset of electrode measuring circuit	<input checked="" type="checkbox"/> Passed

System status

	<input checked="" type="checkbox"/> Passed
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I/O module

	<input checked="" type="checkbox"/> Passed
Input/output 1	<input checked="" type="checkbox"/> Passed
Input/output 2	<input type="checkbox"/> Not done
Input/output 3	<input type="checkbox"/> Not done