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#### Overview

The following report was prepared by Ontario Clean Water Agency on behalf of The Municipality of Bluewater in accordance with:

- Condition 11(4) (a) through (n) cited in Environmental Compliance Approval (ECA) #A-500-1518928419 issued March 6, 2024, to The Corporation of the Municipality of Bluewater.
- Schedule E(4) cited in the Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #045-W601 issued June 20, 2023, to The Corporation of the Municipality of Bluewater.

### **System Process Description**

The Bayfield Sewage Treatment Plant (STP) is located at 37892 Mill Road, Bayfield, Ontario. The facility has a rated capacity of 1000 m<sup>3</sup>/d and is comprised of the following components:

- Wastewater collection system (WWC) and pumping stations
- Two facultative lagoons with supplementary treatment
- Intermittent Sand Filters

#### Raw Wastewater Collection

Raw sewage flows by gravity through the collection system. Where gravity flow is not possible due to elevation restrictions, there are four sewage pumping stations (SPS). Both the North and Marina SPS pump sewage through forcemains into gravity sewers that lead to the South SPS. Sewage from the South SPS is pumped to the Main SPS and then onto the Bayfield STP.

There are two designed overflows in the Bayfield WWC system. At the North SPS, a 250 mm overflow flows into the marina basin of the Bayfield River. The second is at the South SPS, which discharges to a stormwater manhole that discharges into to Lake Huron.

At the Marina SPS, when the wet well fills, it discharges into a holding tank through a 200mm pipe located below the harbour building. The wastewater then drains back into the pumping station once inflows have dropped to a manageable level as per pumping capacity.

The North, South and Main SPS have stand-by generators. The Main and South SPS are equipped with three submersible pumps and the North and Marina SPS with two submersible pumps. Miltronics monitor wet well levels, which control the start/stop cycle of all pumps and alarms. The exception is Marina SPS where pumps and alarms run off floats.

In addition to the community of Bayfield, the Bayfield STP also treats sewage from Wildwood Trailer Park. This park pumps its sewage directly to the Bayfield STP through a 100 mm forcemain.

#### Sewage Lagoons

Raw sewage is pumped to the lagoon from both the Main SPS and Wildwood Trailer Park. Raw sewage enters an inlet chamber between the two lagoon cells. Inflows may be directed into either or both cells. Leachate is received at the influent chamber for co-treatment at the works; leachate is imported from the Stanley Landfill site.

The two lagoon cells each had an original storage volume of approximately 110 554 m³. This volume has since been reduced by the construction of a berm in the footprint of cell 2 for a new Sequence Batch Reactor (SBR); cell 2 volume is now 97 310 m³. Storage in the cells allows inflow to be stored during the

winter when the Intermittent Sand Filter (ISF) cannot operate, as well as provides a minimum of 60 days retention time for treatment purposes. The lagoons operate in series with sewage flowing from one cell to the other through a transfer chamber and then by gravity to the filter pumping station inlet chamber. From here, effluent can be directed to the filter pumping station or to the discharge chamber.

A liquid aluminum sulfate feed system consists of one 27 000 L chemical storage tank and three metering pumps. Aluminum sulfate is injected into the raw sewage forcemain and into the transfer chamber between cell 1 and 2. Aluminum sulfate coagulates suspended particles in the sewage. The coagulated particles grow to sufficient size where they readily settle. This assists in removing phosphorous from the wastewater before being discharged from the lagoon.

#### Intermittent Sand Filters (ISF)

The filter pumping station has two submersible pumps that can direct effluent to either or both of the filters. Once filtered through the sand, effluent flows by gravity into the discharge chamber where it is discharged to the Bayfield River.

### System Facts:

Environmental Compliance Approval
CLI Environmental Compliance Approval
Rated Capacity
Receiving Water

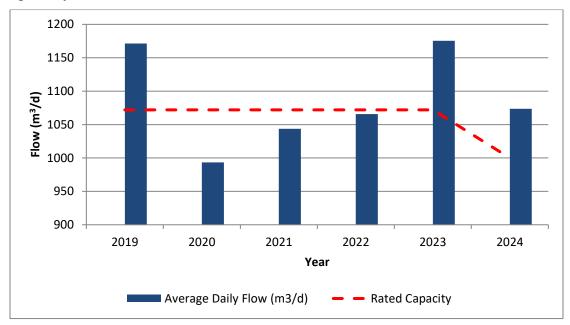
#A-500-1518928419 (issued March 6, 2024) #045-W601 (issued June 20, 2023) 1000 m<sup>3</sup>/d – with berm Bayfield River

The Bayfield STP and WWC system were operated in accordance with the provincial regulations as required in ECA #A-500-1518928419 and CLI-ECA #045-W601.

# Influent and Effluent Flow Monitoring

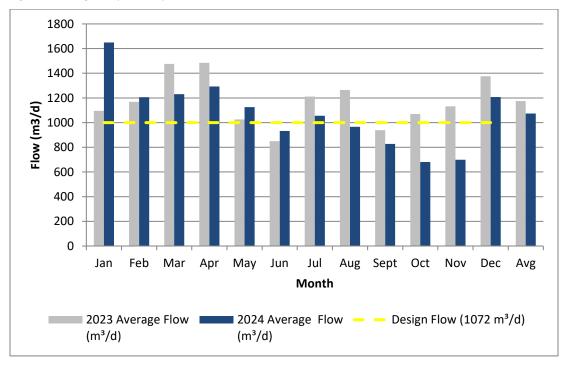
Prior to 2024, the Bayfield STP ECA was rated to treat an average daily flow of 1072 m³ of influent. However, in 2024, a new ECA was issued that specifies a rated capacity of 1000 m³/d for raw sewage, reflecting the reduction in lagoon capacity that occurred when a berm was built in 2022 for plant expansion. The Bayfield STP receives sewage from both the village of Bayfield and Wildwood Trailer Park. All flows in this report are a cumulative total of both flow sources. Refer to Figure 1 for a comparison of the average daily flow for the last six years against the rated capacity of the plant. The plant is currently at 107% of the rated capacity of 1000 m³/d.

Figure 1: Influent Flows 2019-2024



The raw sewage average daily flow was  $1073 \text{ m}^3/\text{d}$  in 2024 and  $1175 \text{ m}^3/\text{d}$  in 2023. This 9% reduction is attributed to drier weather. Refer to Figure 2 for 2023 and 2024 average daily flows by month and corresponding annual averages.

Figure 2: Average Daily Flows by Month



In 2024, the Bayfield STP discharged 274 643 m<sup>3</sup> of effluent, a 4% decrease from 2023. This is consistent with lower raw flows seen in 2024. Refer to Figure 3 for the total raw and effluent flow in 2023 and 2024.

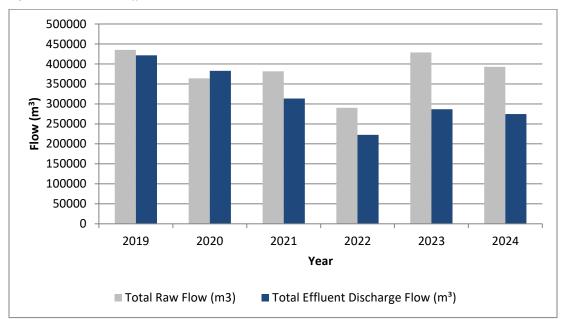


Figure 3: Total Raw and Effluent Flow 2019-2024

The average daily discharge flow was 1073 m³/d in 2024 versus 1459 m³/d in 2023. The maximum daily discharge flow in 2024 was 7143 m³ recorded in January. In 2024, the MECP granted an emergency discharge of the lagoon with a bypass of the intermittent sand filters. The emergency discharge occurred from January 31 to February 15. Regular discharge occurred from April 9 to August 9, followed by a period of rest/maintenance. Discharge resumed on September 9 and continued with brief periods of rest due to pooling on the filters until November 22, 2024. Refer to Figure 4 for final effluent total monthly flows for 2023 and 2024.

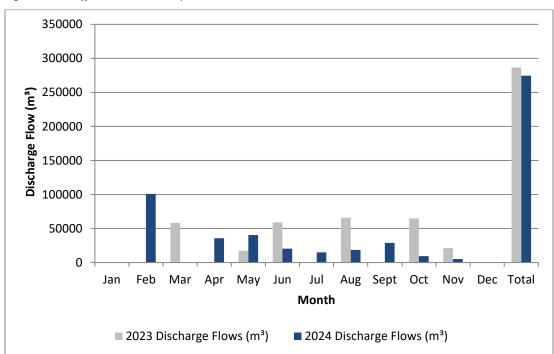


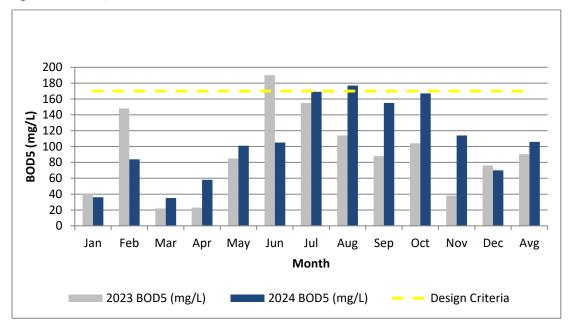
Figure 4: Final Effluent Total Monthly Flows

#### Influent Data

Influent is monitored for Biological Oxygen Demand (BOD<sub>5</sub>), Total Suspended Solids (TSS), Total Phosphorous (TP), and Total Kjeldahl Nitrogen (TKN) on a weekly basis through a composite sample. These parameters are measured against the design criteria of the Bayfield STP. Values above design concentration can result in ineffective treatment of raw sewage and lead to effluent limit exceedances. In 2024, the parameters of BOD<sub>5</sub> and TKN had monthly values above design concentration. Despite this, effluent exceedances in 2024 were related to factors other than raw influent quality. See 'Summary of Efforts Made to Achieve Design Objectives' for details. As well, all raw influent parameters except TP were higher in concentration in 2024. This is likely due to lower annual raw flow.

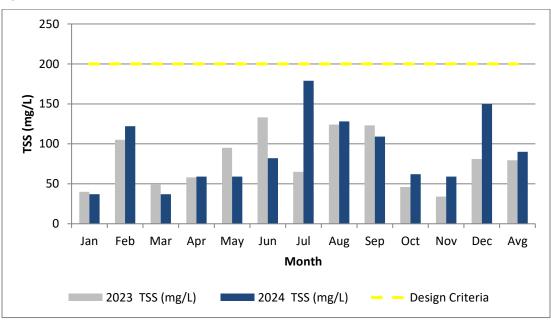
In 2024, the average raw  $BOD_5$  concentration was 106 mg/L, a 17% increase from 2023. Refer to Figure 5 for a comparison of 2024 monthly raw  $BOD_5$  concentrations to 2023 concentrations.

Figure 5: Raw BOD<sub>5</sub> Concentrations



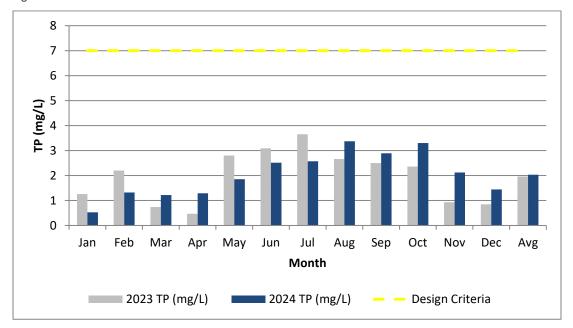
In 2024, the average raw TSS concentration was 90 mg/L, a 13% increase from 2023. Refer to Figure 6 for a comparison of 2024 monthly raw TSS concentrations to 2023 concentrations.

**Figure 6:** Raw TSS Concentrations



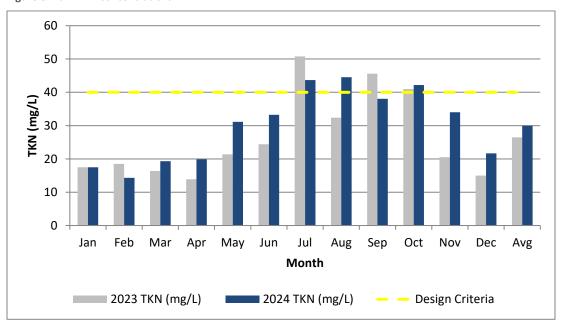
In 2024, the average raw TP concentration was 2 mg/L, essentially equal to the 2023 value. Refer to Figure 7 for a comparison of 2024 monthly raw TP concentrations to 2023 concentrations.

Figure 7: Raw TP Concentrations



In 2024, the average raw TKN concentration was 30 mg/L, a 13% increase from 2023. Refer to Figure 8 for a comparison of 2024 monthly raw TKN concentrations to 2023 concentrations.

Figure 8: Raw TKN Concentrations



## Imported Sewage

The Bayfield STP is approved to accept leachate from the Stanley Landfill for co-treatment. The Stanley Landfill did not deposit any leachate at the Bayfield STP in 2024 and therefore no quarterly composite sampling was conducted.

### **Effluent Monitoring**

The lagoon effluent is permitted to be discharged between April 1 to November 30 in accordance with the ECA. Early discharge may be required to prevent a spill of wastewater over the banks due to capacity issues. This was the situation in 2024 and the MECP authorized a request for early discharge (including bypassing the ISF) on January 30. Discharge began on January 31 and ended February 15, 2024. Effluent samples obtained during this time were required to meet guidelines and objectives set by the MECP and Procedure F-5-1. These included less than 60 mg/L for a single sample and 50 mg/L for a running average of four consecutive samples for Carbonaceous Biological Oxygen Demand (CBOD₅) and less than 80 mg/L for a single sample and 60 mg/L for a running average of four consecutive samples for Total Suspended Solids (TSS). All guidelines and objectives were met. Refer to Table 1 for early discharge sample results.

**Table 1:** Early Discharge Effluent Sample Results

	Bayfield STP Effluent										
Date	Twice F-5-1 Guideline CBOD₅ (mg/L)	CBOD₅ (mg/L)	Twice F-5-1 Guideline TSS (mg/L)	TSS (mg/L)							
02/01/24	60	4	80	6							
02/02/24	60	3	80	4							
02/05/24	60	2	80	6							
02/07/24	60	4	80	11							
02/12/24	60	5	80	5							
02/14/24	60	4	80	5							

Four sets of upstream/downstream Bayfield River samples were also obtained during the early discharge. These samples measured the following parameters: CBOD<sub>5</sub>, TSS, Total Phosphorus (TP), Total Ammonia Nitrogen (TAN), E. coli, pH, and Temperature. During discharge, there were no observations of adverse impacts on the Bayfield River. Sample results are in Table 2 below.

 Table 2: Bayfield River Samples Early Discharge 2024

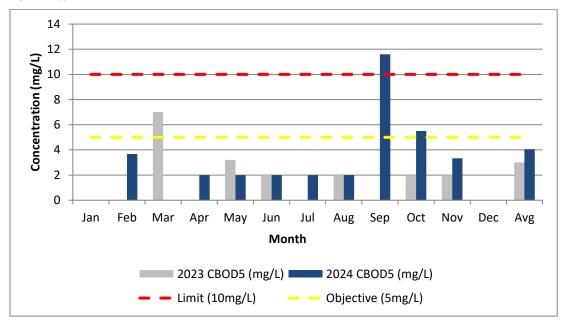
	Bayfield River Samples												
Upstream (Parr Line Bridge)													
Date	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	TP (mg/L)	TAN (mg/L)	E. coli (cfu/100 mL)	рН	Temp (°C)						
02/01/24	< 4	6	0.07	< 0.01	320	7.27	6.5						
02/05/24	< 4	6	< 0.03	< 0.01	30	7.72	4.9						
02/07/24	< 2	7	< 0.03	< 0.01	< 10	7.60	8.4						
02/12/24	< 4	3	< 0.03	< 0.01	10	6.10	12.8						
		Down	stream (V	Vildwood	Line)								
Date	CBOD <sub>5</sub> (mg/L)	TSS (mg/L)	TP (mg/L)	TAN (mg/L)	E. coli (cfu/100 mL)	рН	Temp (°C)						
02/01/24	< 4	5	< 0.03	< 0.01	1800	7.28	7.6						
02/05/24	< 4	4	0.05	< 0.01	10	7.69	5.5						
02/07/24	< 2	5	< 0.03	< 0.01	20	7.68	7.3						
02/12/24	< 4	3	< 0.03	< 0.01	30	7.60	13.32						

During the regular discharge season, effluent from the Bayfield STP is sampled weekly through a composite sample and analyzed for  $CBOD_5$ , TSS, TP, TAN, Total Kjeldahl Nitrogen (TKN), Nitrate ( $NO_3$ ), Nitrite ( $NO_2$ ), and Unionized Ammonia. Grab samples are collected weekly and tested for E.coli, pH, Dissolved Oxygen (DO) and Temperature. For details on objective and limit exceedances, refer to 'Summary of Efforts Made to Achieve Design Objectives'. Note that the February values in the figures below meet the criteria outlined in Procedure F-5-1 as documented above; the regular ECA objectives and limits do not apply to effluent parameters in February.

#### Comparison to Compliance Limits and Objectives

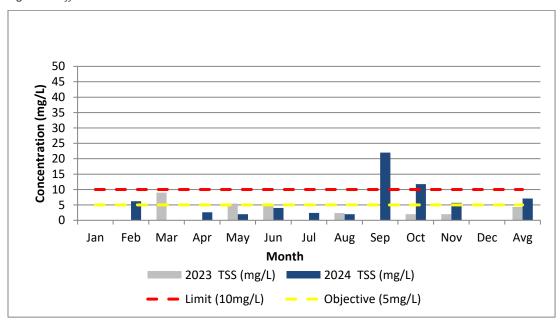
In 2024, the average monthly effluent CBOD $_5$  concentration was 4.1 mg/L, a 35% increase from 2023. The limit was exceeded in September and the objective exceeded in September and October. Refer to Figure 9 for a comparison of 2024 monthly effluent CBOD $_5$  concentrations to 2023 concentrations.

**Figure 9:** *Effluent CBOD*<sub>5</sub> *Concentrations* 



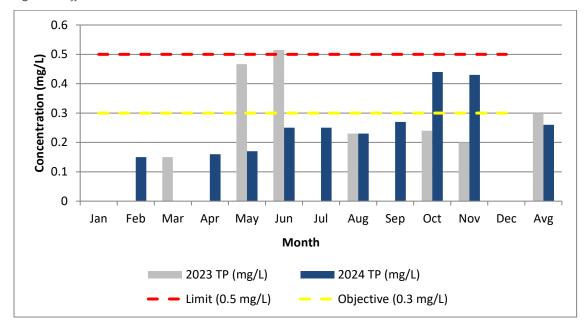
In 2024, the average monthly effluent TSS concentration was 7.1 mg/L, a 65% increase from 2023. The limit was exceeded in September and October and the objective exceeded September to November. Refer to Figure 10 for a comparison of 2024 monthly effluent TSS concentrations to 2023 concentrations.

Figure 10: Effluent TSS Concentrations



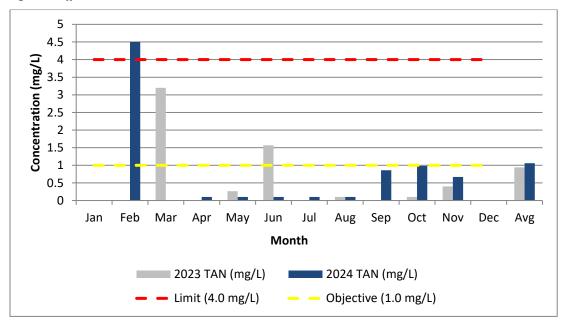
In 2024, the average monthly effluent TP concentration was 0.3 mg/L, a 13% decrease from 2023. There were no limit exceedances in 2024, however the objective was not met in October or November. Refer to Figure 11 for a comparison of 2024 monthly effluent TP concentrations to 2023 concentrations.

Figure 11: Effluent TP Concentrations



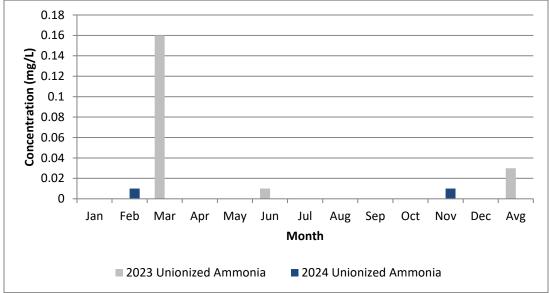
In 2024, the average monthly effluent TAN concentration was 1.1 mg/L, a 13% increase from 2023. The limit and objective was met throughout 2024. Refer to Figure 12 for a comparison of 2024 monthly effluent TAN concentrations to 2023 concentrations.

Figure 12: Effluent TAN Concentrations



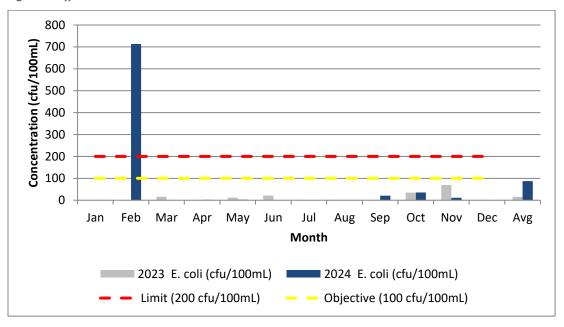
In 2024, the average monthly effluent Unionized Ammonia concentration was 0 mg/L compared to 0.03 mg/L in 2023. There are no ECA objectives or limits for this parameter. Refer to Figure 13 for a comparison of 2024 monthly effluent Unionized Ammonia concentrations to 2023 concentrations.





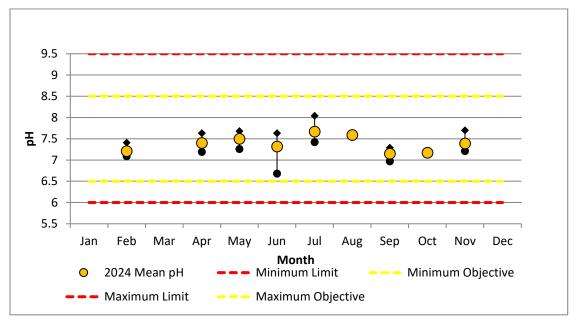
In 2024, the average monthly effluent E. coli concentration (geomean) was 88 cfu/100mL, a 455% increase from 2023. This increase is the result of the emergency discharge results in February. There was no limit for E. coli for the emergency discharge. The ECA limit and objective for the regular discharge season was met. Refer to Figure 14 for a comparison of 2024 annual effluent E. coli concentrations to 2023 concentrations.

Figure 14: Effluent E. coli Concentrations



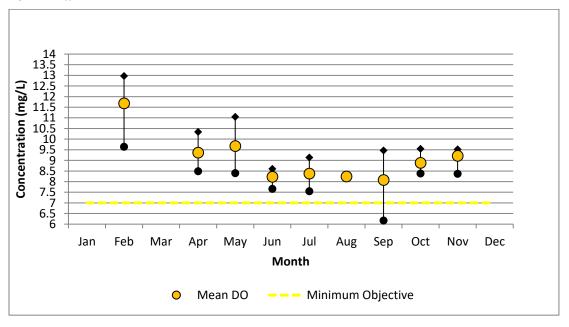
In 2024, effluent pH ranged from 6.7 to 8.0. Limits and objectives were met in 2024. Refer to Figure 15 for a comparison of 2024 monthly effluent pH values to the objectives and limits.

Figure 15: Effluent pH Values



In 2024, effluent DO at the Bayfield STP ranged from 6.2 to 13.0 mg/L. September's value did not meet the minimum objective. There is no DO limit. Refer to Figure 16 for a comparison of 2024 monthly effluent DO values to the minimum objective.

Figure 16: Effluent DO Concentrations



In 2024, effluent Temperature at the Bayfield STP ranged from 4.2 °C to 26.2 °C. There are no objectives or limits for Temperature. Refer to Figure 17 for monthly effluent Temperature values in 2024.

30 27.5 25 ပ္စ္ 22.5 20 **Temperature** 17.5 15 12.5 10 7.5 5 2.5 0 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Month O 2024 Mean Temp

Figure 17: Effluent Temperatures

Average waste loadings were calculated for CBOD<sub>5</sub>, TSS, and TP. No loading limits were exceeded. Refer to Table 3 below for details.

Table 3: Average Waste Loadings in 2024

Effluent Parameter	Average Waste Loading Limit (kg/d)	2024 Loading (kg/d)
CBOD <sub>5</sub>	15.1	5.15
<b>Total Suspended Solids</b>	15.1	9.0
Total Phosphorus	0.76	0.33

# **Effluent Quality Assurance**

Effluent quality assurance is evaluated by monitoring parameters and changes in the lagoons.

Operational staff monitor plant performance by conducting in-house tests on dissolved oxygen, pH, and temperature. Staff also monitor and record chemical dosages and any adverse observations in the lagoon cells. Data collected from these tests provide valuable information to the operators to make the appropriate adjustments in the treatment process and take corrective actions before the plant reaches its effluent limits.

## Deviations from Monitoring Schedule

Deviations from the 2024 sample calendar are outlined in Table 4. Many of these deviations were from two composite samplers malfunctioning and using the "Manual 3" composite sampling method as specified in the 'Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater'. The samplers have since been replaced. Refer to Appendix D for the 2025 sampling schedule.

**Table 4:** Summary of Deviations from Monitoring Schedule

Scheduled Date	Collected Date	Reason for Deviation
April 8	April 11	Composite Sampler Malfunction
May 7	May 8	Operator Schedule
June 17	June 20	Composite Sampler Malfunction
June 24	June 25	New Sampler Incorrectly Set (Raw)
June 24	June 26	Operator Schedule (Final Effluent)
July 8	July 9	Operator Schedule
September 23	September 25 and 26	Discharge off on September 20, turned back on September 23. Multiple samples obtained to determine process control changes.
October 15	October 16	Filter Bed Maintenance
October 21	October 22	Composite Sampler Broken – Using Manual 3 Composite Method
October 28	October 29	Composite Sampler Broken – Using Manual 3 Composite Method
November 4	November 5	Composite Sampler Broken – Using Manual 3 Composite Method
December 2	December 3	Snow Storm/Lagoon Access

# Summary of Efforts Made to Achieve Design Objectives

Design objectives were not exceeded more then 50% of the time in 2024. The average influent flow exceeded 80% of the rated capacity; however, effluent exceedances were unrelated to this. All limit and objective exceedances occurred between September and November in 2024. The three limit exceedances (CBOD $_5$  in September and TSS in September and October) were reported as noncompliances to the MECP. All limit and objective exceedances were related to issues with hydraulic overloading and pooling on the intermittent sand filters, algae build up, and cooler temperatures. In November, objective exceedances for TSS and TP were also related to the deterioration in quality of effluent at the end of the discharge season. Repairs were made on the intermittent sand filters that resulted in increased drainage and improved TSS results later in the month of October and November. It is anticipated that these repairs will produce better results in 2025. Refer to Table 5 for a summary of objective and limit exceedances in 2024.

**Table 5:** Summary of Objective and Limit Exceedances

Month	Parameter	Concentration (mg/L)	Objective (mg/L)	Limit (mg/L)
September	CBOD <sub>5</sub>	11.6	5.0	10.0
October	CBOD <sub>5</sub>	5.5	5.0	10.0
September	TSS	22.0	5.0	10.0
October	TSS	11.8	5.0	10.0
November	TSS	5.7	5.0	10.0
October	TP	0.44	0.3	0.5
November	TP	0.43	0.3	0.5
September	DO	6.2	>7.0	-

## Operating Problems and Corrective Actions

A major challenge in 2024 for the Bayfield STP was being over capacity. The plant is currently operating at 107% of its rated capacity and required another emergency discharge in the winter to prevent a spill over the lagoon berms. Construction of a new Sequencing Batch Reactor at the site of the Bayfield STP is planned for early 2025.

Capital and major maintenance recommendations were submitted by OCWA to the Municipality of Bluewater to address aging infrastructure and ongoing maintenance requirements for the collection system and STP to continue to produce high quality effluent. Items on the list for 2025 include:

- Pump rebuilds All SPS
- Roof replacement North SPS and Bayfield STP
- Pipe replacement for odour control North SPS
- Pump replacements Main SPS
- Housing repair on charcoal filter Main SPS
- Pipe and overflow pipe replacement Main SPS
- Actuator valve rebuild/replacement Bayfield STP
- Forcemain air valve replacement WWC system
- Auto sampler Bayfield STP
- High velocity flushing/camera inspection WWC system
- Excavation of sewer laterals WWC system

#### Maintenance Activities

Preventative and corrective maintenance is assigned and monitored within the Workplace Management System (WMS) program. Refer to Appendix B for the 2024 maintenance summary. Refer to Table 6 for a list of repairs and replacements that took place in 2024.

Table 6: Major Maintenance in 2024

Major Maintenance Wastewater							
Alum pump repairs – Bayfield STP							
Sand replacement – Filter Bed 1, ISF							
Pipe repairs - ISF							
Float repair – Bayfield STP Pumps							
Auto sampler repair – Bayfield STP							
Pump repair – North SPS							

#### Calibration Records

Pierce Services and Solutions Inc. calibrated influent and effluent flow meters, level sensors and level transmitters on March 18 and 20, 2024. Flow meters met the accuracy tolerance of being within 15% of the actual flow rate. Operational staff complete routine pH meter calibrations and verifications. Refer to Appendix C for 2024 Calibration Records.

## Sludge Generation

In 2024, the Bayfield STP generated 163 m<sup>3</sup> of sludge. It is estimated that approximately 163 m<sup>3</sup> of sludge will be generated in 2025. No sludge was hauled in 2024.

Table 7: Sludge Volumes over a Five-Year Interval

Bayfield STP	2020 Sludge Volume (m <sub>3</sub> )	2021 Sludge Volume (m <sub>3</sub> )	2022 Sludge Volume (m <sub>3</sub> )	2023 Sludge Volume (m <sub>3</sub> )	2024 Sludge Volume (m <sub>3</sub> )
Total (Cell 1 and 2)	22520	22680	22841	23003	23166

## Complaints

There were no complaints for the Bayfield STP or WWC system in 2024.

# Bypass, Overflows, Spills and Abnormal Discharge Events

The ECA requires additional daily sampling when a bypass, overflow or spill event occurs. In 2024, there were no bypasses, overflows, or spills in the Bayfield STP or WWC systems.

# Summary of Efforts made to achieve conformance with F-5-1

The Municipality of Bluewater has a separated collection system, therefore a Pollution Prevention Control Program is not required to be established or maintained.

There are two designed overflows within the collection system for the protection against basement flooding, damage to equipment/property and prevention of treatment process wash out. No overflows or bypasses occurred in 2024. In 2025, pump rebuilds or replacements in sewage pumping stations and flushing/camera inspections of a portion of the collection system has been recommended. These recommendations assist in reducing or eliminating future overflows, bypasses and spills.

## Notice of Modification to the Works

There were no 'Notice of Modification to Sewage Works' forms completed in 2024.

No alterations to the collection system posed any significant threat to the drinking water systems in 2024.

# Additional Information the Water Supervisor Requires

No additional information requests were required in 2024.

# Appendix A

Monitoring Data



Ontario Clean Water Agency Agence Ontarienne Des Eaux

From 1/1/2024 to 12/31/2024 11:59:59 PM

	1 / 2024	2/ 2024	3/ 2024	4/ 2024	5/ 2024	6/ 2024	7/ 2024	8/ 2024	9/ 2024	10/ 2024	11/ 2024	12/ 2024	<total></total>	<avg></avg>	<max></max>	<-Criteria-:
Flows																
Raw Flow: Total - Raw Sewage m³/d	51,149.66	34,988.36	38,152.13	38,773.57	34,907.71	27,960.07	32,719.47	29,951.32	24,829.61	21,094.68	20,983.41	37,432.87	392,942.86			0.0
Raw Flow: Avg - Raw Sewage m³/d	1,649.99	1,206.50	1,230.71	1,292.45	1,126.06	932.00	1,055.47	966.17	827.65	680.47	699.45	1,207.51		1,073.61		1,072.0
Raw Flow: Max - Raw Sewage m³/d	3,430.61	1,783.43	2,120.56	1,892.64	1,397.26	1,199.48	1,652.76	1,180.60	1,209.88	865.83	1,285.16	2,433.24			3,430.61	0.0
Raw Flow: Count - Raw Sewage m³/d	31.00	29.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	366.00			0.0
Eff. Flow: Total - Final Effluent m³/d	0.00	100,776.58	0.00	35,806.63	40,518.12	20,380.69	14,983.08	18,635.07	28,934.63	9,473.53	5,134.51	0.00	274,642.84			0.0
Eff. Flow: Avg - Final Effluent m³/d	0.00	6,718.44	0.00	1,627.57	1,307.04	815.23	483.33	2,070.56	964.49	305.60	223.24	0.00		1,271.49		
Eff. Flow: Max - Final Effluent m³/d	0.00	7,142.96	0.00	1,824.45	1,902.17	2,084.58	847.14	4,287.39	4,751.72	3,036.34	1,745.28	0.00			7,142.96	0.0
Eff Flow: Count - Final Effluent m³/d	0.00	15.00	0.00	22.00	31.00	25.00	31.00	9.00	30.00	31.00	22.00	0.00	216.00			0.0
Carbonaceous Biochemical Oxygen Demand: 0	BOD	-11			L	JL				JI			1			
Eff: Avg cBOD5 - Final Effluent mg/L	0.00	3.67	0.00 <	2.00 <	2.00 <	2.00 <	2.00	2.00	11.60	5.50 <	3.33	0.00		4.05	11.60	10.0
Eff: # of samples of cBOD5 - Final Effluent	0.00	6.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00			0.0
Loading: cBOD5 - Final Effluent kg/d	0.000	24.634	0.000 <	3.255 <	2.614 <	1.630 <	0.967	4.141	11.188	1.681 <	0.778	0.000		5.15	24.63	15.10
Biochemical Oxygen Demand: BOD5			1			JL					111		1		1	<u> </u>
Raw: Avg BOD5 - Raw Sewage mg/L	36.00	84.00	35.00	57.80	101.00	105.00	169.20	176.75	154.80	166.50	114.00 <	70.40		105.87	176.75	0.0
Raw: # of samples of BOD5 - Raw Sewage	1.00	1.00	1.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	43.00	t t		0.0
Total Suspended Solids: TSS	Ш		<u> </u>		LIL			LIL		Л			L			
Raw: Avg TSS - Raw Sewage mg/L	37.00	122.00	37.00	59.40	59.25	81.50	179.20	127.75	109.00	61.75	59.25	150.20		90.28	179.20	0.0
Raw: # of samples of TSS - Raw Sewage	1.00	1.00	1.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	43.00	<del>                                     </del>		0.0
Eff: Avg TSS - Final Effluent mg/L	0.00	6.17	0.00 <	2.60 <	2.00 <	4.00 <	2.40	2.00	22.00	11.75	5.67	0.00		7.08	22.00	10.0
Eff: # of samples of TSS - Final Effluent	0.00	6.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00	<del>                                     </del>		0.0
Loading: TSS - Final Effluent kg/d	0.000	41.430	0.000 <	4.232 <	2.614 <	3.261 <	1.160	4.141	21.219	3.591	1.323	0.000		9.00	41.43	15.10
Percent Removal: TSS - Raw Sewage %	0.00	94.95	0.00	95.62	96.62	95.09	98.66	98.43	79.82	80.97	90.44	0.00		92.29	98.66	0.0
Total Phosphorus: TP		111_	<u> </u>	]	L	<u> </u>		<u> </u>	!!!	11				1		<u> </u>
Raw: Avg TP - Raw Sewage mg/L	0.53	1.32	1.22	1.29	1.85	2.51	2.57	3.37	2.89	3.30	2.12	1.44		2.03	3.37	0.0
Raw: # of samples of TP - Raw Sewage	1.00	1.00	1.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	43.00	+ +		0.0
Eff: Avg TP - Final Effluent mg/L	0.00	0.15	0.00	0.16	0.17	0.25	0.25	0.23	0.37	0.44	0.43	0.00		0.26	0.44	0.5
Eff: # of samples of TP - Final Effluent	0.00	6.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00	1		0.0
Loading: TP - Final Effluent kg/d	0.000	0.985	0.000	0.260	0.225	0.202	0.120	0.476	0.353	0.134	0.100	0.000		0.33	0.99	0.76
Percent Removal: TP - Raw Sewage %	0.00	88.89	0.00	87.62	90.69	90.15	90.34	93.18	87.33	86.72	79.74	0.00		88.29	93.18	0.0
Nitrogen Series		111_	<u> </u>	]	L	<u> </u>		<u> </u>	!!!	11				1		<u> </u>
Raw: Avg TKN - Raw Sewage mg/L	17.50	14.30	19.30	19.90	31.15	33.23	43.68	44.55	38.06	42.20	34.00	21.68		29.96	44.55	0.0
Raw: # of samples of TKN - Raw Sewage	1.00	1.00	1.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	43.00	-		0.0
Eff: Avg TAN - Final Effluent mg/L	0.00	4.50	0.00 <	0.10 <	0.10	0.10 <	0.10 <	0.10 <	0.86	0.98	0.67	0.00		1.06	4.50	4.0
Eff: # of samples of TAN - Final Effluent	0.00	6.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00	-		0.0
Loading: TAN - Final Effluent kg/d	0.000	30.233	0.000 <	0.163 <	0.131 <	0.082 <	0.048 <	0.207 <	0.829	0.298	0.156	0.000		1.34	30.23	-
Eff: Avg NO3-N - Final Effluent mg/L	0.00	0.00	0.00	3.89	1.71	1.19	1.19	0.27	1.45	3.15	3.71	0.00		2.07	3.89	0.0
Eff: # of samples of NO3-N - Final Effluent	0.00	0.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	31.00		3.00	0.0
Eff: Avg NO2-N - Final Effluent mg/L	0.00	0.00	0.00 <	0.03 <	0.03 <	0.03 <	0.03 <	0.03 <	0.06	0.17	0.10	0.00		0.06	0.17	0.0
Eff: # of samples of NO2-N - Final Effluent	0.00	0.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	31.00			0.0
Disinfection						JI			]			5.00	250			
Eff: GMD E. Coli - Final Effluent cfu/100mL	0.00	713.50	0.00	1.55	2.30	1.00	1.00	1.00	20.58	35.17	11.04	0.00	ı ır			200.0
Eff: # of samples of E. Coli - Final Effluent	0.00		0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00	<b>├</b>	<u> </u>	0.0
En. # or samples or E. Coil - Final Effluent	0.00	6.00	0.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	3.00	0.00	37.00	1		0.0

03/20/2025

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# Appendix B

# Maintenance Summary

				w	orkorder	Details	
WO#	Asset ID	Asset Description	Location Description	Work Order Description	Status	Schedule Start	Actual Finish
3714326	0000156277	LAGOON CELL 01 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 01 Inspection/Service (1m/6m/1y)	CLOSE	1/1/24 12:00 AM	2/14/24 10:05 AM
3714336	0000156278	LAGOON CELL 02 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 02 Inspection/Service (1m/6m/1y)	CLOSE	1/1/24 12:00 AM	AM
3714346	0000156160	PANEL ALARM/ DIALER 01 PS1	6655, Bayfield South Pumping Station	Alarm Dialer 01 South Lift PS1 Testing (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:29 PM
3714351	0000156242	PANEL ALARM/ DIALER BAYFIELD MAIN PS	6655, Bayfield Main Pumping Station	Alarm Dialer 01 Main Lift PS3 Testing (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:30 PM
3714356	0000156186	PANEL ALARM/ DIALER BAYFIELD NORTH PS	6655, Bayfield North Pumping Station	Alarm Dialer 02 North Lift PS2 Testing (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:32 PM
3714361	0000156272	PANEL ALARM/ DIALER BAYFIELD LAGOON	6655, Bayfield WWL & CS	Alarm Dialer 04 Bayfield Lagoon Testing (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:33 PM
3714544			6655, Bayfield WWL & CS	Spill Kit Inspect (1y) 6655/5876/5695	CLOSE	1/1/24 12:00 AM	1/31/24 08:24 AM
3714961	0000156159	ENGINE DIESEL STANDBY GEN BAYFIELD SOUTH	6655, Bayfield South Pumping Station	Engine Diesel Bayfield South PS Insp/Test (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:36 PM
3714980	0000156182	ENGINE DIESEL 02 STANDBY GEN BAYFIELD NORTH	6655, Bayfield North Pumping Station	Engine Diesel North Lift PS Insp/ Test (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:42 PM
3714999	0000156238	ENGINE DIESEL STANDBY GEN BAYFIELD MAIN PS	6655, Bayfield Main Pumping Station	Engine Diesel Bayfield Main PS Insp/Test (1m) 6655	CLOSE	1/1/24 12:00 AM	1/5/24 02:43 PM
3732953			6655, Bayfield South Pumping Station	(1y) 6	CLOSE	1/1/24 12:00 AM	11/1/24 08:48 AM
3737096			Bayfield Wastewater Lagoons and Collection System	Data Logger Insp/Service - Campgrounds (1m) 6655	CIOSE	1/1/24 12:00 AM	1/31/24 08:03 AM
3740792			6655, Bayfield WWL & CS	72 Hour Trending Review (1y) - 6655/5876/5695	COMP	1/1/24 12:00 AM	1/2/25 10:03 AM
3743359			6655, Bayfield WWL & CS	Chemical Receiving (1y) 6655/6676/5695	COMP	1/1/24 12:00 AM	1/2/25 10:04 AM
3743520			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	1/1/24 12:00 AM	1/5/24 02:44 PM
3746246			6655, Bayfield Main Pumping Station	Sewer Backups (1y) 6655	COMP	1/1/24 12:00 AM	1/2/25 10:15 AM
3748138			6655, Bayfield WWL & CS	RP03 Annual Report ECA (1y) 6655		1/1/24 12:00 AM	3/26/24 08:39 AM
3760022	0000156264	PUMP DIAPHRAGM 01 ALUM DOSING BAYFIELD LAGOON	6655, Bayfield WWL & CS	Fixed Alum pump #1 6655	CLOSE		1/5/24 08:40 AM
3761969			6655, Bayfield WWL & CS	WSER Quarterly Reporting (1y) 6655	CLOSE	1/12/24 12:00 AM	2/9/24 01:48 PM
3764971			6655, Bayfield WWL &	Bayfield lagoon stop logs	CLOSE	1/26/24 08:37	1/26/24 05:00 PM
3769982	0000156277	LAGOON CELL 01 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 01 Inspection/Service (1m/6m/1y) 6655	CLOSE	2/1/24 12:00 AM	2/14/24 10:08 AM
3769992	0000156278	LAGOON CELL 02 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 02 Inspection/Service (1m/6m/1y)	CLOSE	2/1/24 12:00 AM	AM
3770002	0000156160	PANEL ALARM/ DIALER 01 PS1	6655, Bayfield South Pumping Station	Alarm Dialer 01 South Lift PS1 Testing (1m) 6655	CLOSE		2/5/24 03:45 PM
3770007	0000156242	PANEL ALARM/ DIALER BAYFIELD MAIN PS	6655, Bayfield Main Pumping Station	Alarm Dialer 01 Main Lift PS3 Testing (1m) 6655		2/1/24 12:00 AM	
3770012	0000156186	PANEL ALARM/ DIALER BAYFIELD NORTH PS	6655, Bayfield North Pumping Station	Alarm Dialer 02 North Lift PS2 Testing (1m) 6655	CLOSE	2/1/24 12:00 AM	2/5/24 03:49 PM
3770017	0000156272	PANEL ALARM/ DIALER BAYFIELD LAGOON	6655, Bayfield WWL & CS	Alarm Dialer 04 Bayfield Lagoon Testing (1m) 6655	CLOSE	2/1/24 12:00 AM	2/5/24 03:50 PM

3770518	0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	2/1/24 12:00 AM	2/6/24 07:48 AM
3770318	0000136139	STANDBY GEN	Pumping Station	South PS Insp/Test (1m) 6655	CLOSE	2/1/24 12:00 AW	2/0/24 U7:48 AIVI
		BAYFIELD SOUTH	1 umping Station	South 13 hisp/rest (1111) 0033			
3770537	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	2/1/24 12:00 AM	2/6/24 07:54 AM
		STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655			
		BAYFIELD NORTH		_			
3770556	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	2/1/24 12:00 AM	2/6/24 02:12 PM
		STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655			
20000		BAYFIELD MAIN PS	D 0 1177		GT O GE	2/1/2/12 00 135	0/15/01/11/10 77/5
3786371			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	2/1/24 12:00 AM	2/15/24 11:10 PM
			Lagoons and Collection	Campgrounds (1m) 6655			
3791106			System 6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	2/1/24 12:00 AM	3/26/24 03:02 PM
3806043	0000249197	METER FLOW FIT-	6655, Bayfield WWL &	Meter Flow 02 Bayfield	CLOSE	4/1/24 12:00 AM	
3000043	0000247177	111 ALUM	CS	Lagoon Calibration (1y) 6676	CLOSE	4/1/24 12:00 AW	AM
		DOSING BAYFIELD	CS	Eugoon Canoration (13) 0070			1111
3806046	0000249217	METER FLOW FIT-	6655, Bayfield WWL &	Meter Flow Effluent Bayfield	CLOSE	4/1/24 12:00 AM	3/22/24 09:05
		221 PLANT	CS	Lagoon Calibration (1y) 6676			AM
		DISCHARGE					
3806049	0000249218	METER FLOW	6655, Bayfield WWL &	Meter Flow Bayfield Lagoon	CLOSE	4/1/24 12:00 AM	3/22/24 09:09
		FIT-121 INFLUENT	CS	Main Lift Calibration (1y)			AM
2012077		BAYFIELD LAGOON	2255 D 01 11 11 11 11	6676	GL C.S.	0/1/04/10 00	(HZIO : 0 : - : - :
3812032	0000:-		6655, Bayfield WWL &	Lifting Device Route (1y) 6655		3/1/24 12:00 AM	6/17/24 01:36 PM
3812251	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	Lagoon Cell 01	CLOSE	3/1/24 12:00 AM	3/8/24 03:03 PM
		BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)			
3812261	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	6655 Lagoon Cell 02	CLOSE	3/1/24 12:00 AM	3/8/24 03:05 PM
3612201	0000136278	BAYFIELD LAGOON	CS CS	Inspection/Service (1m/6m/1y)	CLUSE	3/1/24 12:00 AWI	3/8/24 U3:U3 PWI
3812271	0000156154	METER LEVEL LIT-	6655, Bayfield South	Meter Level 01 Wet Well Ps1	CLOSE	3/1/24 12:00 AM	4/12/24 00:02
36122/1	0000136134	01 WET WELL	Pumping Station	Insp/ Service (1y) 6655	CLOSE	3/1/24 12:00 AWI	4/12/24 09:03 AM
		BAYFIELD SOUTH	Fullipling Station	msp/ Service (1y) 6033			Alvi
3812273	0000156233	METER LEVEL LIT-	6655, Bayfield Main	Meter Level 01 Wet Well Ps3	CLOSE	3/1/24 12:00 AM	4/12/24 09:01
0012270	0000120222	01 WET WELL	Pumping Station	Insp/ Service (1y) 6655	CLOSE	0,1,2.12.0011.1	AM
		BAYFIELD MAIN PS	1 8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
3812275	0000156177	METER LEVEL WET	6655, Bayfield North	Meter Level 02 Wet Well Ps2	CLOSE	3/1/24 12:00 AM	4/12/24 09:00
		WELL BAYFIELD	Pumping Station	Insp/ Service (1y) 6655			AM
		NORTH PS					
3812277	0000156160	PANEL ALARM/	6655, Bayfield South	Alarm Dialer 01 South Lift	CLOSE	3/1/24 12:00 AM	3/8/24 08:05 AM
		DIALER 01 PS1	Pumping Station	PS1 Testing (1m) 6655			
3812282	0000156242	PANEL ALARM/	6655, Bayfield Main	Alarm Dialer 01 Main Lift PS3	CLOSE	3/1/24 12:00 AM	3/11/24 11:40
		DIALER BAYFIELD	Pumping Station	Testing (1m) 6655			AM
2012207	0000156196	MAIN PS PANEL ALARM/	((55 D6-14 N4)	Alama Dialan 02 Namb Life	CLOCE	2/1/24 12:00 AM	2/7/24 07:29 AM
3812287	0000156186		6655, Bayfield North Pumping Station	Alarm Dialer 02 North Lift	CLOSE	3/1/24 12:00 AM	3/1/24 U7:38 AM
		DIALER BAYFIELD NORTH PS	i umping station	PS2 Testing (1m) 6655			
3812292	0000156272	PANEL ALARM/	6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	3/1/24 12:00 AM	3/7/24 07·42 AM
20122/2	5500150272	DIALER BAYFIELD	CS CS	Lagoon Testing (1m) 6655	22352	2.1.2.12.007111	2 2. 0 12 21111
		LAGOON		3			
3812792	0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	3/1/24 12:00 AM	3/8/24 08:06 AM
		STANDBY GEN	Pumping Station	South PS Insp/Test (1m) 6655			
		BAYFIELD SOUTH					
3812811	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	3/1/24 12:00 AM	3/7/24 07:39 AM
		STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655			
2012020	0000156006	BAYFIELD NORTH	6655 D (** 1135 *	E ' D' 15 ('''	OI OCT	2/1/24 12 02 13 5	2/11/04 11 11
3812830	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	3/1/24 12:00 AM	
		STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655			AM
3823426	0000249217	BAYFIELD MAIN PS METER FLOW FIT-	6655, Bayfield WWL &	Meter Level	CLOSE	3/1/24 12:00 AM	3/27/24 10:32
J02J42U	00002 <del>4</del> 321/	221 PLANT	CS CS	Effluent Bayfield Lagoon Insp/	CLOSE	5/1/27 12.00 AW	AM
		DISCHARGE		Service (1y) 6655			171
3823432	0000249216	METER LEVEL	6655, Bayfield WWL &	Meter Level 04 Alum	CLOSE	3/1/24 12:00 AM	3/27/24 10:34
		LIT-601 ALUM TANK		Insp/Service (1y) 6655		2.2.2.2.2.00.1101	AM
		BAYFIELD LAGOON		1 ( )/ 1000	<u> </u>	<u> </u>	
3829926			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	3/1/24 12:00 AM	3/26/24 03:47 PM
			Lagoons and Collection	Campgrounds (1m) 6655			
			System				
3834513			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	3/1/24 12:00 AM	3/8/24 03:09 PM

SSS 1626   0001 5617   METER LEVEL.WF   SSS 8 syfeld WNL & CS   Sayfeld swert clean out   CS   SSS 8 syfeld WNL & CS   Sayfeld word   Toubleshot unisonic resistence   CLOSE   26/24 09:00 AM   38/24 01:00 PM   SSS 18/24   DOUBLES   SSS 8 syfeld WNL & CS   Sayfeld word   SSS 8 syfeld word   SSS		T	1		T		T	1
SST-102	3847911			6655, Bayfield WWL &	Bayfield sewer clean out	CLOSE	3/6/24 09:00 AM	3/8/24 04:00 PM
NETLI BAYFIELD   Color   Purpose   Station   Color   Purpose   Station   Color   Purpose   Color   P	2074 520	000015455				GT O GT		0/00/04 40 50 73 5
NORTH PS	3851628	0000156177				CLOSE		3/28/24 12:53 PM
\$655, Bayfield WNL & Filter Sand Ol ImpService   CLOSE   47124 12:00 AM   42224 11:50 AM   42224 11:50 AM   42224 11:50 AM   42224 11:50 AM   42224 11:51 AM   42224 11:52 AM   42224 11:52 AM   42224 11:52 AM   42224 11:51 AM   42224 11:52 AM   42224 AM   42224 11:52 AM   42224 A				Pumping Station	transducer 6655			
SA STATE   COUNTY	3857374	0000156279		6655 Rayfield WWI &	Filter Sand 01 Insn/Service	CLOSE	4/1/24 12:00 AM	4/22/24 11:50
\$857340   00015c280   Filter S AND 02   0555, Bayfield WW1, & Pilter S AND 02   00015c27   ACQOON CELL-01   0555, Bayfield WW1, & Pageon Cell 01   0105c27   ACQOON CELL-01   0555, Bayfield WW1, & Pageon Cell 02   0105c27   ACQOON CELL-02   0555, Bayfield WW1, & Pageon Cell 02   0105c27   ACQOON CELL-02   0555, Bayfield WW1, & Pageon Cell 02   0105c27   ACQOON CELL-02   0555, Bayfield South P AND ALL-02   0555, Bayfield Will	3037371	0000130279			_	CLOBE	7772112.001111	
SAF7880   000156278   LAGOON CELL 01   6655, Bayfield WILL & Lagoon Cell 01   Lagoon Cell 02   LAGOON CELL 02   Bayerion Service (1m 6m²) y	3857377	0000156280				CLOSE	4/1/24 12:00 AM	
BAYFELD LAGOON   CS				•				
3857345   000156278   LAGOON CELL 02   6655, Bayfield WNL & Iasgoon Cell 02   Iaspection Service (m/6m/1y)   Sa57399   000156160   PANIEL ALARM/   DIALLE OF 1871   Pamping Station   Pamping	3857380	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	Lagoon Cell 01	CLOSE	4/1/24 12:00 AM	4/5/24 03:09 PM
Separate			BAYFIELD LAGOON		Inspection/Service (1m/6m/1y)			
3857394   000156160   ANILL ALARM   DIALER BOYNED   PIST   DIALER BOYNED   PIST   DIALER BOYNED   PIST   DIALER BOYNED   PIST   DIALER BOYNED   Pumping Station   PSI   Testing (1m) 6655   PSI   PS	3857387	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	Lagoon Cell 02	CLOSE	4/1/24 12:00 AM	4/5/24 03:10 PM
DALER OF PSI   Pumping Station   PSI   Psing Clin   PSS			BAYFIELD LAGOON		Inspection/Service (1m/6m/1y)			
3857399   0000156242   AMELALARM   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   MAIN PS   DIALER BAYTELD   DIALER	3857394	0000156160	PANEL ALARM/	6655, Bayfield South	Alarm Dialer 01 South Lift	CLOSE	4/1/24 12:00 AM	4/16/24 01:16 PM
BALER BAYFIELD   MAIN PS			DIALER 01 PS1	Pumping Station	PS1 Testing (1m) 6655			
MAIN PS	3857399	0000156242	PANEL ALARM/	•	Alarm Dialer 01 Main Lift PS3	CLOSE	4/1/24 12:00 AM	4/22/24 09:31
3857404   0000156186   PANEL ALARM   DIALER BAYFIELD   Dimping Station   PS2 Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   Dimping Station   PS2 Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   DIALE				Pumping Station	Testing (1m) 6655			AM
DALER BAYFIELD   NORTH PS	2057404	0000156106		6655 D. C. 1137 J	11 D: 1 02 N 1 1 1:0	GL OGE	4/1/24/12/00/43/	4/10/04 11 05
NORTH PS	385/404	0000156186		•		CLOSE	4/1/24 12:00 AM	
3857409   0000156270   PANEL ALARM   DIALER BAYFIELD   CLOON   DIALER BAYFIELD   CLOON   DIALER BAYFIELD   CLOON   C				Fulliping Station	PS2 Testing (Till) 6633			Alvi
DIALER BAYFIELD   CS	3857409	0000156272		6655 Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	4/1/24 12:00 AM	4/5/24 02:55 PM
LAGOON   L								
AUTOMATIC 01   Pumping Station   Insp\(^{1}\)Service (1y) 6655   Sampler 02 Auto Composite   Insp\(^{1}\)Service (1y) 6655								
INFLUENT	3857419	0000156240	SAMPLER	6655, Bayfield Main	Sampler 01 Auto Composite	CLOSE	4/1/24 12:00 AM	4/22/24 11:51
3857945   0000156128   SAMPLER   CS   EFFLUENT   CS   EFFLUE				Pumping Station	Insp/ Service (1y) 6655			AM
AUTOMATIC 02   EFFLUENT   Service (1y) 6655   EFFLUENT   SEFFLUENT   SEFFLUE								
BEFLUENT   SNORD DIESEL   STANDBY GEN   STANDBY GEN   BAYFIELD SOUTH   STANDBY GEN   BAYFIELD SOUTH   STANDBY GEN   BAYFIELD SOUTH   STANDBY GEN   BAYFIELD NORTH   STANDBY GEN   BAYFIELD MAIN PS   STANDBY GEN   BAYFIELD MOONTAIL PR   STANDBY GEN   STANDB	3857425	0000156258		•		CLOSE	4/1/24 12:00 AM	
Sas				CS	Insp/ Service (1y) 6655			AM
STANDBY GEN   BAYFIELD SOUTH   Pumping Station   South PS Insp/Test (1m) 6655	3857945	0000156159		6655 Bayfield South	Engine Diesel Bayfield	CLOSE	4/1/24 12:00 AM	4/16/24 01·17 PM
BAYFIELD SOUTH   Sending Diesel Oo0156182   ENGINE DIESEL 02   6655, Bayfield North   Engine Diesel North Lift PS   CLOSE   4/1/24 12:00 AM   4/15/24 09:39 PM   Insp/Test (1m) 6655   Insp/Test (1m	3031743	0000130137		•	•	CLOSE	4/1/24 12:00 / HVI	4/10/24 01:17 1101
Section   Sect				Tumping Station	Bount B map, rest (rm) cost			
BAYFIELD NORTH	3857964	0000156182		6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	4/1/24 12:00 AM	4/15/24 09:39 PM
Section   Sect			STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655			
STANDBY GEN   Pumping Station   Main PS Insp/Test (1m) 6655								
BAYFIELD MAIN PS   Bayfield Wastewater   Lagoons and Collection   System   Campgrounds (1m) 6655   CLOSE   4/1/24 12:00 AM   4/17/24 03:02 PM   Campgrounds (1m) 6655   CLOSE   A/1/24 12:00 AM   A/1/24 03:02 PM   A/1/24 03:02 P	3857983	0000156238		•		CLOSE	4/1/24 12:00 AM	4/15/24 09:41 PM
Bayfield Wastewater   Lagoons and Collection   System				Pumping Station	Main PS Insp/Test (1m) 6655			
Lagoons and Collection   System   Sys	3977057		BAYFIELD MAIN PS	Rayfield Wasterwater	Data I oggar Inch/Sarvica	CLOSE	4/1/24 12:00 AM	4/17/24 03:02 DM
System   Gess, Bayfield WWL & Ris Data Collection (1m)   CLOSE   4/1/24 12:00 AM   4/5/24 03:11 PM	3611931			•		CLOSE	4/1/24 12.00 AW	4/17/24 03.02 1 WI
3884095				Ŭ.	Campgrounds (1111) 0033			
3909536   0000156277   LAGOON CELL 01   BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:20 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:20 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/1/24 12:00 AM   S/27/24 02:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/24 12:00 AM   S/224 04:21 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/24 12:00 AM   S/224 04:22 PM   Inspection/Service (1m/6m/1y)   CLOSE   S/24 12:00 AM   S/224 04:22 PM   Inspection/Service (1m/6m/2y)   CLOSE   S/24 12:00 AM   S/224 04:22	3884095			4	e.Ris Data Collection (1m)	CLOSE	4/1/24 12:00 AM	4/5/24 03:11 PM
BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)   CLOSE   5/1/24 12:00 AM   5/27/24 02:22 PM   Sayried   Sayr	3909536	0000156277	LAGOON CELL 01		Lagoon Cell 01	CLOSE	5/1/24 12:00 AM	5/27/24 02:20 PM
BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)   CLOSE   5/1/24 12:00 AM   5/10/24 04:32 PM			BAYFIELD LAGOON		Inspection/Service (1m/6m/1y)			
3909556   0000156160   PANEL ALARM/ DIALER 01 PS1   Pumping Station   Pumping Stat	3909546	0000156278		6655, Bayfield WWL &	- C	CLOSE	5/1/24 12:00 AM	5/27/24 02:22 PM
DIALER 01 PS1   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD MAIN PS   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD MAIN PS   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD NORTH PS   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD NORTH PS   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD LAGOON   PMEDIALER BAYFIELD LAGOON   PMEDIALER BAYFIELD LAGOON   PMEDIALER BAYFIELD LAGOON   PMEDIALER BAYFIELD SUITH PUMPING Station   PMEDIALER BAYFIELD SITANDBY GEN BAYFIELD SOUTH PMEDIALER BAYFIELD NORTH PMEDIALER BAYFIELD MAIN PMEDIALER BAYFIELD NORTH PMEDIALER BAYFIEL								
3909561   0000156242   PANEL ALARM/ DIALER BAYFIELD MAIN PS   DIALER BAYFIELD MAIN PS   DIALER BAYFIELD MAIN PS   Testing (1m) 6655   Testing (1	3909556	0000156160		•		CLOSE	5/1/24 12:00 AM	5/10/24 04:32 PM
DIALER BAYFIELD   Pumping Station   Testing (1m) 6655	2000551	0000156242		1 1/		CI OCE	5/1/04/10/00 137	5/10/24 04 47 73
MAIN PS   G655, Bayfield North   PS2 Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   CS   DIALER BAYFIELD   LAGOON   DIALER BAYFIELD   LAGOON   DIALER BAYFIELD   CS   DIALER BAYFIELD   CS   DIALER BAYFIELD   CS   DIALER BAYFIELD   CS   DIALER BAYFIELD   DIALER BAYFIELD   DIALER BAYFIELD   DIALER BAYFIELD   DIALER BAYFIELD   DIALER BAYFIELD SOUTH   Pumping Station   DIALER BAYFIELD SOUTH   DIALER BAYFI	3909561	0000156242		, ,		CLOSE	5/1/24 12:00 AM	5/10/24 04:47 PM
3909566   0000156186   PANEL ALARM/ DIALER BAYFIELD NORTH PS   DIALER BAYFIELD NORTH PS   DIALER BAYFIELD NORTH PS   DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   DIALER BAYFIELD SOUTH   DIALER BAYFIELD NORTH   DIA				i umping Station	resung (1111) 0033			
DIALER BAYFIELD   NORTH PS   NORTH PS	3909566	0000156186		6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	5/1/24 12:00 AM	5/10/24 04:21 PM
NORTH PS				, ,				
3909571   0000156272   PANEL ALARM/ DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   DIALER BAYFIELD LAGOON   Engine Diesel Bayfield STANDBY GEN BAYFIELD SOUTH   STANDBY GEN BAYFIELD NORTH   Engine Diesel North Lift PS TANDBY GEN BAYFIELD NORTH   Engine Diesel Bayfield STANDBY GEN   Engine Diesel Bayfield Main PS Insp/Test (1m) 6655   Engine Diesel Bayfield STANDBY GEN   Engine Diesel Bayfield Main PS Insp/Test (1m) 6655   Engine Die								
LAGOON	3909571	0000156272	PANEL ALARM/	6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	5/1/24 12:00 AM	5/17/24 09:36
3910098         0000156159         ENGINE DIESEL STANDBY GEN Pumping Station         Engine Diesel Bayfield South Pumping Station         CLOSE         5/1/24 12:00 AM         5/10/24 04:40 PM           3910117         0000156182         ENGINE DIESEL 02 STANDBY GEN BAYFIELD NORTH         6655, Bayfield North Pumping Station         Engine Diesel North Lift PS Insp/Test (1m) 6655         CLOSE         5/1/24 12:00 AM         5/10/24 04:25 PM           3910136         0000156238         ENGINE DIESEL STANDBY GEN BAYFIELD NORTH         6655, Bayfield Main Pumping Station         Engine Diesel Bayfield Main PS Insp/Test (1m) 6655         CLOSE         5/1/24 12:00 AM         5/10/24 04:49 PM				CS	Lagoon Testing (1m) 6655			AM
STANDBY GEN BAYFIELD SOUTH  3910117 0000156182 ENGINE DIESEL 02 STANDBY GEN BAYFIELD NORTH  3910136 0000156238 ENGINE DIESEL 6655, Bayfield Main Pumping Station  South PS Insp/Test (1m) 6655  Engine Diesel North Lift PS CLOSE S/1/24 12:00 AM S/10/24 04:25 PM Insp/Test (1m) 6655  BAYFIELD NORTH  3910136 0000156238 ENGINE DIESEL 6655, Bayfield Main Pumping Station  South PS Insp/Test (1m) 6655  Engine Diesel Bayfield CLOSE S/1/24 12:00 AM S/10/24 04:49 PM Main PS Insp/Test (1m) 6655	2016777	00004			n . nr	AT 6 ==	5 /4 /5 / 4 C	5/40/04 0 : : : = =
BAYFIELD SOUTH   STANDBY GEN   Engine Diesel North   Engine Diesel North Lift PS   CLOSE   5/1/24 12:00 AM   5/10/24 04:25 PM   Insp/Test (1m) 6655   STANDBY GEN   BAYFIELD NORTH   STANDBY GEN   Pumping Station   Engine Diesel Bayfield   CLOSE   STIZE   STANDBY GEN   STANDBY GEN   Pumping Station   Main PS Insp/Test (1m) 6655   STIZE   STIZE   STIZE   STANDBY GEN   STANDBY GE	3910098	0000156159				CLOSE	5/1/24 12:00 AM	5/10/24 04:40 PM
3910117       0000156182       ENGINE DIESEL 02 STANDBY GEN Pumping Station       6655, Bayfield North Pumping Station       Engine Diesel North Lift PS Insp/Test (1m) 6655       CLOSE ST/24 12:00 AM Insp/Test (1m) 6655       5/1/24 12:00 AM Insp/Test (1m) 6655         3910136       0000156238       ENGINE DIESEL STANDBY GEN       6655, Bayfield Main Pumping Station       Engine Diesel Bayfield Main PS Insp/Test (1m) 6655       CLOSE ST/24 12:00 AM Insp/Test (1m) 6655       5/1/24 12:00 AM Insp/Test (1m) 6655				Pumping Station	South PS Insp/Test (1m) 6655			
STANDBY GEN BAYFIELD NORTH  3910136 0000156238 ENGINE DIESEL 6655, Bayfield Main Pumping Station Pumping Station Pumping Station Main PS Insp/Test (1m) 6655  STANDBY GEN Pumping Station Pumping Station Figure Diesel Bayfield Main PS Insp/Test (1m) 6655  STANDBY GEN Pumping Station Figure Diesel Bayfield Main PS Insp/Test (1m) 6655  STANDBY GEN Pumping Station Figure Diesel Bayfield Main PS Insp/Test (1m) 6655	3910117	0000156192		6655 Rayfield North	Engine Diecel North Lift DC	CLOSE	5/1/24 12:00 AM	5/10/24 04:25 DM
BAYFIELD NORTH	3710117	0000130162				CLOSE	5/1/27 12.00 AIVI	5/10/2+ U+.23 FIVI
3910136 0000156238 ENGINE DIESEL 6655, Bayfield Main Engine Diesel Bayfield CLOSE 5/1/24 12:00 AM 5/10/24 04:49 PM Main PS Insp/Test (1m) 6655								
STANDBY GEN Pumping Station Main PS Insp/Test (1m) 6655	3910136	0000156238		6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	5/1/24 12:00 AM	5/10/24 04:49 PM
BAYFIELD MAIN PS					= -			
			BAYFIELD MAIN PS					

						_	
3928861			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	5/1/24 12:00 AM	5/22/24 03:25 PM
			Lagoons and Collection	Campgrounds (1m) 6655			
3933445			System 6655, Bayfield WWL &	a Dia Data Callaction (1m)	CLOSE	5/1/24 12:00 AM	6/13/24 03:45 PM
3958065			6655, Bayfield WWL &	e.Ris Data Collection (1m) Analyzer Gas Tri Detector	CLOSE	6/1/24 12:00 AM	11/8/24 02:46 PM
			CS	Insp/ Calib (1y) 6655			
3958068	0000156277	LAGOON CELL 01 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 01 Inspection/Service (1m/6m/1y)	CLOSE	6/1/24 12:00 AM	6/17/24 01:53 PM
3958078	0000156278	LAGOON CELL 02 BAYFIELD LAGOON	6655, Bayfield WWL & CS	Lagoon Cell 02 Inspection/Service (1m/6m/1y)	CLOSE	6/1/24 12:00 AM	6/17/24 01:54 PM
3958088	0000156160	PANEL ALARM/ DIALER 01 PS1	6655, Bayfield South Pumping Station	Alarm Dialer 01 South Lift PS1 Testing (1m) 6655	CLOSE	6/1/24 12:00 AM	6/7/24 01:17 PM
3958094	0000156242	PANEL ALARM/ DIALER BAYFIELD MAIN PS	6655, Bayfield Main Pumping Station	Alarm Dialer 01 Main Lift PS3 Testing (1m) 6655	CLOSE	6/1/24 12:00 AM	6/7/24 01:27 PM
3958099	0000156186	PANEL ALARM/ DIALER BAYFIELD NORTH PS	6655, Bayfield North Pumping Station	Alarm Dialer 02 North Lift PS2 Testing (1m) 6655	CLOSE	6/1/24 12:00 AM	6/7/24 01:04 PM
3958104	0000156272	PANEL ALARM/ DIALER BAYFIELD LAGOON	6655, Bayfield WWL & CS	Alarm Dialer 04 Bayfield Lagoon Testing (1m) 6655	CLOSE	6/1/24 12:00 AM	6/10/24 01:45 PM
3958114	0000207003	PUMP SUBMERSIBLE 01 WET WELL	6655, Bayfield North Pumping Station	Pump Subm 01 Marina PS Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 01:55 PM
3958123	0000207002	PUMP SUBMERSIBLE 02 WET WELL	6655, Bayfield North Pumping Station	Pump Subm 02 Marina PS Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 01:58 PM
3958132	0000156178	PUMP SUBMERSIBLE H1 WET WELL	6655, Bayfield North Pumping Station	Pump Subm H1 North Lift Ps2 Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 01:58 PM
3958141	0000156179	PUMP SUBMERSIBLE H2 WET WELL	6655, Bayfield North Pumping Station	Pump Subm H2 North Lift Ps2 Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 01:59 PM
3958150	0000156234	PUMP SUBMERSIBLE M1 WET WELL	6655, Bayfield Main Pumping Station	Pump Subm M1 Bayfield Main Ps3 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:00 PM
3958159	0000156235	PUMP SUBMERSIBLE M2 WET WELL	6655, Bayfield Main Pumping Station	Pump Subm M2 Bayfield Main Ps3 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:00 PM
3958168	0000156236	PUMP SUBMERSIBLE M3 WET WELL	6655, Bayfield Main Pumping Station	Pump Subm M3 Bayfield Main Ps3 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:01 PM
3958177	0000156161	PUMP SUBMERSIBLE S1 WET WELL	6655, Bayfield South Pumping Station	Pump Subm S1 Bayfield South Ps1 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:01 PM
3958186	0000156162	PUMP SUBMERSIBLE S2 WET WELL	6655, Bayfield South Pumping Station	Pump Subm S2 Bayfield South Ps1 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:02 PM
3958195	0000156163	PUMP SUBMERSIBLE S3 WET WELL	6655, Bayfield South Pumping Station	Pump Subm S3 Bayfield South Ps1 Insp/Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:03 PM
3958204	0000156169	VALVE AIR RELEASE BASEMENT	6655, Bayfield South Pumping Station	Valve Ball 01 Air Relief Ps1 Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:03 PM
3958207	0000156193	VALVE AIR RELEASE BASEMENT	6655, Bayfield North Pumping Station	Valve Ball 02 Air Relief Ps2 Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:04 PM
3958210	0000156253	VALVE AIR RELEASE BASEMENT	6655, Bayfield Main Pumping Station	Valve Ball 03 Air Relief Ps3 Insp/ Service (1y) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:05 PM
3958342			6655, Bayfield WWL &	MSDS Review - (6m) 6655	CLOSE	6/1/24 12:00 AM	6/17/24 02:10 PM
3958785	0000156159	ENGINE DIESEL STANDBY GEN BAYFIELD SOUTH	6655, Bayfield South Pumping Station	Engine Diesel Bayfield South PS Insp/Test (1m) 6655	CLOSE	6/1/24 12:00 AM	6/7/24 01:18 PM
3958804	0000156182	ENGINE DIESEL 02 STANDBY GEN BAYFIELD NORTH	6655, Bayfield North Pumping Station	Engine Diesel North Lift PS Insp/ Test (1m) 6655	CLOSE	6/1/24 12:00 AM	6/7/24 01:05 PM

STANDBY GEN   BAYFIEI D MAIN IS   6055, Bayfield WWL & CS   6053, Bayfield WWL & CS   6055, Bayfield WWL & CS   600015619	20.50022	0000174000	levanie sieger		In . bb	ar car	- 1	4 T (0 4 04 00 T) 4
BAYFIELD MAIN PS	3958823	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	6/1/24 12:00 AM	6/7/24 01:28 PM
9055. Bayfield WWL & GOS3 FER Percent (1y)   GOS4   G1724 12:00 AM   7224 09:51 AM   GS5   GS5,50955   GS5,50956   GS5,50956				Pumping Station	Main PS Insp/Test (1m) 6655			
2002349219   PUMP   CS   6055,589761d WWL & Pump Suhm P1 Bayfield   Lagoon Filter RoyService (1y)   6055   Bayfield WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied WWL & Pump Suhm P2 Bayfield   Lagoon Filter RoyService (1y)   6055   Supplied RoyBert RoyService (1y)   6055   Supplied RoyBert RoyService   Lagoon Filter RoyService (1y)   6055   Supplied RoyBert RoyBert RoyService   Lagoon Filter RoyService   Lagoon Fi			BAYFIELD MAIN PS					
3970255   000249219   PUMP   SUMPKIRBIT FP   C   EILTER PS WET	3958909			•	` **	CLOSE	6/1/24 12:00 AM	7/2/24 09:51 AM
SUBMIRSBILE FP1   CS   Lagoon Filter InsyService (1y)   6655   Supplied WW1. & Pump gloon Filter InsyService (1y)   6655   Submissibility FP2   Submissibi	2070255	00000240210	DUMD			CL OCE	C/1/04 10 00 AM	C/17/04 00 14 DM
1970    1970	39/0255	0000249219		•		CLOSE	6/1/24 12:00 AM	6/1 //24 02:14 PM
1979/1974   1979				CS				
SUBMERSIBLE FP2   CS	2070264	0000240220		6655 Dayfield WWI 9-		CLOSE	6/1/24 12:00 AM	6/17/24 02:14 DM
Section	3970204	0000249220	_	•		CLUSE	0/1/24 12:00 AM	0/1//24 U2:14 PWI
Bayfield Wasteward   Lagoons and Collection   Campgrounds (1m) 6655   Campgr				CS				
Lagoons and Collection   Campgrounds (Im) 6655   May   CRIS Data Collection (Im)   CLOSE   6/12/4 12:00 AM   6/13/24 03:16 PM   6/13/4 0	2078/120		FILTER PS WET	Rayfield Wastewater		CLOSE	6/1/24 12:00 AM	6/20/24 10:21
System   System   System   System   G655, Bayfield WWL & CRIS Data Collection (1m)   CLOSE   6/1/24 12:00 AM   6/13/24 03:46 FM   3997413   G655   Bayfield WWL & CRIS Data Collection (1m)   CLOSE   6/1/24 12:00 AM   6/13/24 03:46 FM   3997413   G655   Bayfield WWL & CRIS Data Collection (1m)   CLOSE   6/1/24 12:00 AM   6/13/24 03:46 FM   G67/24 05:21 FM   G65/24 05:21	3976439					CLOSE	0/1/24 12.00 AW	
				- C	Campgrounds (1111) 0033			Alvi
	3083300				e Ris Data Collection (1m)	CLOSE	6/1/2/ 12:00 AM	6/13/24 03:46 PM
A007750   0000156272   LAGOON CELL 01   6655, Bayfield WWL & Inspection/Service (Im/6m/lyy)   CLOSE   71/24 12:00 AM   7:9/24 07:39 AM   Inspection/Service (Im/6m/lyy)   CLOSE   71/24 12:00 AM   7:9/24 07:39 AM   Inspection/Service (Im/6m/lyy)   CLOSE   71/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   71/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Inspection/Service (Im/6m/lyy)   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Title   CLOSE   7:1/24 12:00 AM   7:9/24 07:40 AM   Title   CLOSE   CLOSE				-	` ′			
BAYFIELD LAGOON   CS	3997413				•	CLOSE		6/5/24 05:21 PM
	4007750	0000156277	LAGOON CELL 01	6655, Bayfield WWL &		CLOSE	7/1/24 12:00 AM	7/9/24 07:39 AM
BAYFIELD LAGOON   CS			BAYFIELD LAGOON		Inspection/Service (1m/6m/1y)			
	4007760	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	Lagoon Cell 02	CLOSE	7/1/24 12:00 AM	7/9/24 07:40 AM
DALER 0 1 PS1   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ BAYFIELD SOUTH   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ BAYFIELD NORTH   Pumping Station   PANEL ALARM/ BAYFIELD NORTH   PANEL ALARM/ BAYFIELD NORTH   PANEL ALARM/ BAYFIELD LAGOON   PANEL ALARM/ BAYFIELD LAGOON   PANEL ALARM/ DIALER BAYFIELD ALGOON   PANEL ALARM/ DIALER BAYFIELD ALGOON   PANEL ALARM/ DIALER BAYFIELD ALGONO   PANEL A			BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)			
DALER 0 1 PS1   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DNALER BAYFIELD   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ BAYFIELD SOUTH   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/ DALER BAYFIELD   PANEL ALARM/ BAYFIELD NORTH   Pumping Station   PANEL ALARM/ BAYFIELD NORTH   PANEL ALARM/ BAYFIELD NORTH   PANEL ALARM/ BAYFIELD LAGOON   PANEL ALARM/ BAYFIELD LAGOON   PANEL ALARM/ DIALER BAYFIELD ALGOON   PANEL ALARM/ DIALER BAYFIELD ALGOON   PANEL ALARM/ DIALER BAYFIELD ALGONO   PANEL A	4007770	0000156160	PANEL ALARM/	6655, Bayfield South	Alarm Dialer 01 South Lift	CLOSE	7/1/24 12:00 AM	7/8/24 03:16 PM
4007778   0000156186   PANEL ALARM   6655, Bayfield Main   Pumping Station   Alarm Dialer 01 Main Lift PS3   CLOSE   7/1/24 12:00 AM   7/11/24 03:08 PM   Testing (1m) 6655   PANEL ALARM   DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PS2 Testing (1m) 6655   PS3 Testing (1m) 665			DIALER 01 PS1		PS1 Testing (1m) 6655			
DIALER BAYFIELD   Pumping Station   Testing (Im) 6655   MAIN PS	4007775	0000156242				CLOSE	7/1/24 12:00 AM	7/11/24 03:08 PM
MAIN PS   MAIN DIALER BAYFIELD   MAIN PS   M	1001113	3000130242				CLOSE	,,1,27 12.00 AIVI	,, 11,24 05.00 1 WI
4007780   0000156186   PANEL ALARM   DIALER BAYFIELD   6655, Bayfield North   PS2 Testing (1m) 6655   NORTH PS				i amping station	100mg (1m) 0000		1	
DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655	4007780	0000156186		6655 Rayfield North	Alarm Dialer 02 North Lift	CLOSE	7/1/24 12:00 AM	7/11/24 03:01 PM
NORTH PS	4007700	0000130180				CLOSE	7/1/24 12.00 AW	7/11/24 03:01 1 WI
4008296   0000156127   PANEL ALARM/ DIALER BAYFIELD   CS   CS   CS   CS   CS   CS   CS   C				Tumping Station	132 Testing (1111) 0033			
DIALER BAYFIELD   LAGOON   LAGOON	4007785	0000156272		6655 Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	7/1/24 12:00 AM	7/2/24 02:08 PM
LAGOON   ENGINE DIESEL   STANDBY GEN   BAYFIELD SOUTH   Pumping Station   Pumping Station   STANDBY GEN   BAYFIELD SOUTH   ENGINE DIESEL 02   STANDBY GEN   BAYFIELD NORTH   ENGINE DIESEL 02   STANDBY GEN   BAYFIELD NORTH   ENGINE DIESEL 03   STANDBY GEN   BAYFIELD NORTH   Pumping Station   Engine Diesel Bayfield   CLOSE   7/1/24 12:00 AM   7/11/24 03:02 PM   Insp/Test (1m) 6655   Insp/Test (	1007703	0000130272		•	•	CLOBL	77 172 1 12.00 1 1101	77272 1 02.00 1 111
4008396   0000156159   ENGINE DIESEL   STANDBY GEN   BAYFIELD SOUTH   Fumping Station   Station   Function				CS	Lagoon Testing (Tin) 0033			
STANDBY GEN   BAYFIELD SOUTH	4008296	0000156159		6655 Bayfield South	Engine Diesel Bayfield	CLOSE	7/1/24 12:00 AM	7/8/24 03·14 PM
BAYFIELD SOUTH   House   Hou	4000270	0000130137				CLOSE	7/1/24 12:00 / 11/1	77072403.141141
Month   Mont				Tumping Station	South 15 hisp/ Test (1111) 0033			
STANDBY GEN   BAYFIELD NORTH   4008334   0000156238   ENGINE DIESEL   STANDBY GEN   BAYFIELD NORTH   Engine Diesel Bayfield   Main PS Insp/Test (1m) 6655   CLOSE   7/1/24 12:00 AM   7/11/24 03:10 PM   Amain PS Insp/Test (1m) 6655   CLOSE   7/1/24 12:00 AM   7/11/24 03:10 PM   Amain PS Insp/Test (1m) 6655   CLOSE   7/1/24 12:00 AM   7/11/24 03:10 PM   Amain PS Insp/Test (1m) 6655   CLOSE   7/1/24 12:00 AM   7/11/24 07:50   AM   7/11/24 07:50   CLOSE   7/1/24 12:00 AM   7/11/24 07:50   A	4008315	0000156182		6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	7/1/24 12:00 AM	7/11/24 03:02 PM
BAYFIELD NORTH   6655, Bayfield Main   Pumping Station   BayField Main   Pumping Station   Data Logger Insp/Service - Campgrounds (Im) 6655   CLOSE   7/1/24 12:00 AM   7/31/24 07:50 AM   Am   PS   Pumping Station   Data Logger Insp/Service - Campgrounds (Im) 6655   CLOSE   7/1/24 12:00 AM   7/31/24 07:50 AM   Am   PS   PS   PS   PS   PS   PS   PS   P								
4008334   0000156238   ENGINE DIESEL STANDBY GEN BAYFIELD MAIN PS								
STANDBY GEN   BAYFIELD MAIN PS   Pumping Station   Main PS Insp/Test (1m) 6655	4008334	0000156238		6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	7/1/24 12:00 AM	7/11/24 03:10 PM
BAYFIELD MAIN PS								
Bayfield Wastewater Lagoons and Collection   Data Logger Insp/Service - Campgrounds (1m) 6655   AM   7/31/24 12:00 AM   7/31/24 07:50 AM   AM   AM   AM   AM   AM   AM   AM			BAYFIELD MAIN PS	1 0				
Lagoons and Collection   System   System   Ge55, Bayfield WWL & Ge55, Bayfield WWL & Lagoon Cell 01   BAYFIELD LAGOON CELL 01   BAYFIELD LAGOON CELL 02   BAYFIELD LAGOON CELL 03   BAYFIELD LAGOON CELL 04   BAYFIELD STANDBY GEN CELL 05   BAYFIELD SOUTH CEL	4025822			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	7/1/24 12:00 AM	7/31/24 07:50
System   G655, Bayfield WWL & e.Ris Data Collection (1m)   CLOSE   7/1/24 12:00 AM   7/19/24 01:53 PM								AM
4031163								
A056754   0000156277   LAGOON CELL 01   BAYFIELD LAGOON   CS   LAGOON CELL 02   LAGOON CELL 02   BAYFIELD LAGOON   CS   LAGOON CELL 02   LAGOON CELL 03   LAGOON CELL 04056774   LAGOON CELL 04056774   LAGOON CELL 05   LAGOON CELL 0655, Bayfield WWL & Lagoon Cell 02   LAGOON CELL 0655, Bayfield WWL & Lagoon Cell 02   LAGOON CELL 05   LAGOON CELL 05   LAGOON CELL 0655, Bayfield WWL & Lagoon Testing (1m) 6655   LAGOON CELL 05   LAGOON CELL 0655, Bayfield South Pumping Station CELL 05   LAGOON CELL 05   LAGOON CELL 0655, Bayfield South Pumping Station CELL 05   LAGOON CELL 0655, Bayfield South Pumping Station CELL 05   LAGOON CE	4031163			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	7/1/24 12:00 AM	7/19/24 01:53 PM
BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)	4056754	0000156277	LAGOON CELL 01					
4056764   0000156278   LAGOON CELL 02   BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)   CLOSE   8/1/24 12:00 AM   8/9/24 01:43 PM					C .			
BAYFIELD LAGOON   CS   Inspection/Service (1m/6m/1y)   CLOSE   Model   CLOSE   Model   Model	4056764	0000156278				CLOSE	8/1/24 12:00 AM	8/9/24 01·43 PM
4056774   0000156160   PANEL ALARM/ DIALER 01 PS1   Pumping Station   PS1 Testing (1m) 6655   PANEL ALARM/ DIALER BAYFIELD MAIN PS     4056784   0000156186   PANEL ALARM/ DIALER BAYFIELD NORTH PS     4056789   0000156272   PANEL ALARM/ DIALER BAYFIELD LAGOON   A000156159   PANEL ALARM/ DIALER BAYFIELD LAGOON   A057341   0000156159   ENGINE DIESEL STANDBY GEN BAYFIELD SOUTH   Pumping Station   Pumping Station   Pumping Station   Alarm Dialer 01 Main Lift PS3   CLOSE   8/1/24 12:00 AM   8/13/24 01:39 PM     4056784   Alarm Dialer 02 North Lift PS2 Testing (1m) 6655   PS2 Testing (1m) 6655     4056789   0000156179   PANEL ALARM/ DIALER BAYFIELD LAGOON   ENGINE DIESEL STANDBY GEN BAYFIELD SOUTH   Pumping Station   South PS Insp/Test (1m) 6655     4057360   0000156182   ENGINE DIESEL O2 STANDBY GEN BAYFIELD SOUTH   Pumping Station   Pumping Diesel North Lift PS   PM2	.050704	5555156276		•	•		5, 1, 2 : 12.00 / HVI	5,7,2101.731141
DIALER 01 PS1	4056774	0000156160				CLOSE	8/1/24 12:00 AM	8/13/24 02·52 PM
A056779   0000156242   PANEL ALARM   6655, Bayfield Main   Pumping Station   Pumping Station   Pumping Station   Testing (1m) 6655   Panel Alarm Dialer 01 Main Lift PS3   CLOSE   8/1/24 12:00 AM   8/13/24 01:39 PM	.000114	5555155160					5, 1, 2 . 12.00 / HVI	13, 2 1 02.32 1 111
DIALER BAYFIELD   Pumping Station   Testing (1m) 6655	4056779	0000156242				CLOSE	8/1/24 12:00 AM	8/13/24 01·39 PM
MAIN PS   G655, Bayfield North   PS2 Testing (1m) 6655   PANEL ALARM/   DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/   DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655   PANEL ALARM/   DIALER BAYFIELD   CS   LAGOON   Lagoon Testing (1m) 6655   ENGINE DIESEL   G655, Bayfield South   Pumping Station   South PS Insp/Test (1m) 6655   PANEL ALARM/   DIALER BAYFIELD   CS   PANEL ALARM/   CS   DIALER BAYFIELD   CS   PANEL ALARM/	1030117	3000130242				CLOSE	0, 1, 27 12.00 AIVI	0, 13, 27 U1.37 I WI
A056784   0000156186   PANEL ALARM   6655, Bayfield North   PS2 Testing (1m) 6655   PS2 Testing (1m)		1		i amping station	1030116 (1111) 0033		1	
DIALER BAYFIELD   Pumping Station   PS2 Testing (1m) 6655	4056784	0000156186		6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	8/1/24 12:00 AM	8/13/24 01:25 PM
NORTH PS				•			12.507111	
4056789   0000156272   PANEL ALARM   DIALER BAYFIELD   LAGOON   LAGOON   LAGOON   Engine Diesel Bayfield   South PS Insp/Test (1m) 6655   ENGINE DIESEL   6655, Bayfield South Pumping Station   STANDBY GEN BAYFIELD SOUTH   Engine Diesel North Lift PS STANDBY GEN STANDBY GEN   STANDBY GEN BAYFIELD SOUTH   Engine Diesel North Lift PS STANDBY GEN STANDBY GEN   STANDBY GEN STANDBY GEN STANDBY GEN STANDBY GEN   Engine Diesel North Lift PS STANDBY GEN STANDBY GEN   Engine Diesel North Lift PS STANDBY GEN STANDBY GEN STANDBY GEN   Engine Diesel North Lift PS STANDBY GEN STANDBY GEN STANDBY GEN   Engine Diesel North Lift PS STANDBY GEN STAND		1		pg outton			1	
DIALER BAYFIELD   CS   Lagoon Testing (1m) 6655   Lagoon Testing (1m) 665	4056789	0000156272		6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	8/1/24 12:00 AM	8/6/24 09:56 AM
LAGOON								
4057341         0000156159         ENGINE DIESEL STANDBY GEN BAYFIELD SOUTH         6655, Bayfield South Pumping Station         Engine Diesel Bayfield South PS Insp/Test (1m) 6655         CLOSE 8/1/24 12:00 AM 8/13/24 02:55 PM South PS Insp/Test (1m) 6655           4057360         0000156182         ENGINE DIESEL 02 STANDBY GEN         6655, Bayfield North Pumping Station         Engine Diesel North Lift PS Insp/Test (1m) 6655         CLOSE 8/1/24 12:00 AM 8/13/24 01:27 PM					g (,			
STANDBY GEN BAYFIELD SOUTH  4057360 0000156182 ENGINE DIESEL 02 STANDBY GEN Pumping Station  South PS Insp/Test (1m) 6655  Engine Diesel North Lift PS CLOSE 8/1/24 12:00 AM 8/13/24 01:27 PM Insp/ Test (1m) 6655	4057341	0000156159		6655, Bayfield South	Engine Diesel Bayfield	CLOSE	8/1/24 12:00 AM	8/13/24 02:55 PM
BAYFIELD SOUTH					•			
4057360 0000156182 ENGINE DIESEL 02 6655, Bayfield North Engine Diesel North Lift PS CLOSE 8/1/24 12:00 AM 8/13/24 01:27 PM Insp/ Test (1m) 6655					1			
STANDBY GEN Pumping Station Insp/ Test (1m) 6655	4057360	0000156182		6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	8/1/24 12:00 AM	8/13/24 01:27 PM
					=		1	
						<u> </u>		

1057270	0000156000	ENGINE DIEGEI	6655 D. C. 1134 .	E : D: 1D C:11	CL OCE	0/1/04/10 00 43/	0/12/04 01 41 DM
4057379	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	8/1/24 12:00 AM	8/13/24 01:41 PM
		STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655			
1072170		BAYFIELD MAIN PS	D. C. 11377	D . I I . (C .	CL OCE	0/1/04/10/00 43/	0/21/24 00 06 DM
4073478			Bayfield Wastewater Lagoons and Collection	Data Logger Insp/Service - Campgrounds (1m) 6655	CLOSE	8/1/24 12:00 AM	8/21/24 09:06 PM
			System	Campgrounds (1111) 6655			
4077991			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	8/1/24 12:00 AM	8/6/24 02:27 PM
4101487	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	Lagoon Cell 01	CLOSE		9/23/24 03:35 PM
4101467	0000130277	BAYFIELD LAGOON	CS Bayrield WWL &	Inspection/Service (1m/6m/1y)	CLOSE	9/1/24 12.00 AW	9/23/24 03.33 I WI
4101497	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	Lagoon Cell 02	CLOSE	9/1/2/ 12:00 AM	9/23/24 03:36 PM
4101477	0000130270	BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)	CLOSE	)/1/24 12:00 / HVI	)/23/24 03.30 I W
4101507	0000156160	PANEL ALARM/	6655, Bayfield South	Alarm Dialer 01 South Lift	CLOSE	9/1/24 12:00 AM	9/17/24 01:22 PM
1101007	0000120100	DIALER 01 PS1	Pumping Station	PS1 Testing (1m) 6655	CLOSL	7,1,2 : 12.00 11.1	<i>y</i> , 1,,, 2, 01,22,11,1
4101512	0000156242	PANEL ALARM/	6655, Bayfield Main	Alarm Dialer 01 Main Lift PS3	CLOSE	9/1/24 12:00 AM	9/17/24 01:37 PM
1101512	0000130212	DIALER BAYFIELD	Pumping Station	Testing (1m) 6655	CLOBE	7/1/21 12.00 1111	7/1//21 01:5/ 11/1
		MAIN PS	Tumping Station	Testing (1111) doce			
4101517	0000156186	PANEL ALARM/	6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	9/1/24 12:00 AM	9/17/24 01:10 PM
		DIALER BAYFIELD	Pumping Station	PS2 Testing (1m) 6655			
		NORTH PS	. •				
4101522	0000156272	PANEL ALARM/	6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	9/1/24 12:00 AM	9/20/24 03:43 PM
	DIALER BAYFIELD	CS	Lagoon Testing (1m) 6655				
		LAGOON					
4102275	4102275 0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	9/1/24 12:00 AM	9/17/24 01:24 PM
		STANDBY GEN	Pumping Station	South PS Insp/Test (1m) 6655			
4102207	0000156150	BAYFIELD SOUTH	6655 D C 115 3	E ' D' 1D ('11	OI COE	0/1/04/10 00 437	10/7/04 02 22 53 5
4102294	0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	9/1/24 12:00 AM	10/7/24 02:33 PM
		STANDBY GEN	Pumping Station	South PS Insp/Service (1y)			
4102333	0000156182	BAYFIELD SOUTH ENGINE DIESEL 02	6655, Bayfield North	6655 Engine Diesel North Lift PS	CLOSE	0/1/24 12:00 AM	9/17/24 01:09 PM
4102333	0000130182	STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655	CLOSE	9/1/24 12.00 AW	9/11/24 01.09 I WI
		BAYFIELD NORTH	Tumping Station	msp/ Test (Tm) 0033			
4102352	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	9/1/24 12:00 AM	
	4102332 0000130162	STANDBY GEN	Pumping Station	Insp/ Service (1y) 6655			
		BAYFIELD NORTH	1 8	1			
4102391	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	9/1/24 12:00 AM	
		STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655			
		BAYFIELD MAIN PS					
4102410	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	9/1/24 12:00 AM	
		STANDBY GEN	Pumping Station	Main PS Insp/Service (1y)			
4400004		BAYFIELD MAIN PS		6655	GT O GE	0.4.42.42.00.43.5	
4109201			6655, Bayfield WWL &	Backflow Preventer Inspection	CLOSE	9/1/24 12:00 AM	
4424044			CS	(1y) 6655	ar oan	0.4.42.42.00.43.5	
4121044			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	9/1/24 12:00 AM	
			Lagoons and Collection	Campgrounds (1m) 6655			
4126041			System 6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	9/1/24 12:00 AM	
4133947			Bayfield Wastewater	Health and Safety Inspection		9/1/24 12:00 AM 9/1/24 12:00 AM	
.155741			Lagoons and Collection	(1m) 6655, 5695, 5876	CLOSE	5, 1, 2 : 12.00 / HVI	
			System System	, 0000, 0070, 0070			
4152328			6655, Bayfield WWL &	Analyzer Gas Portable	CLOSE	10/1/24 12:00	
			CS	Insp/Calib (6m) Bluewater		AM	
				6655, 5695, 5876			
4152331	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	Lagoon Cell 01	CLOSE	10/1/24 12:00	
		BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)		AM	
4152341	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	Lagoon Cell 02	CLOSE	10/1/24 12:00	
		BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)		AM	
				6655			
4152351	0000156242	PANEL ALARM/	6655, Bayfield Main	Alarm Dialer 01 Main Lift PS3	CLOSE	10/1/24 12:00	
		DIALER BAYFIELD	Pumping Station	Testing (1m) 6655		AM	
	0000:-	MAIN PS			AT	10/1/01:55:5	
4152356	0000156186	PANEL ALARM/	6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	10/1/24 12:00	
		DIALER BAYFIELD	Pumping Station	PS2 Testing (1m) 6655		AM	
4150261	0000156272	NORTH PS	6655 Develold WWW 0	Alama Diolog 04 D 4:-13	CLOSE	10/1/24 12:00	10/4/24 02:40 PM
4152361	0000156272	PANEL ALARM/ DIALER BAYFIELD	6655, Bayfield WWL & CS	Alarm Dialer 04 Bayfield Lagoon Testing (1m) 6655	CLOSE	10/1/24 12:00 AM	10/4/24 02:48 PM
		LAGOON	Co	Lagoon resulig (1111) 0033		LTIVI	
	]	LAGUUN		1		<u> </u>	

		_	_			_	
4152927	0000156159	ENGINE DIESEL STANDBY GEN	6655, Bayfield South Pumping Station	Engine Diesel Bayfield South PS Insp/Test (1m) 6655	CLOSE	10/1/24 12:00 AM	10/7/24 06:05 PM
		BAYFIELD SOUTH	Pumping Station	South PS hisp/rest (1111) 6055		Alvi	
4152946	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	10/1/24 12:00	10/7/24 06:07 PM
		STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655		AM	
		BAYFIELD NORTH					
4152965	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	10/1/24 12:00	10/7/24 06:04 PM
		STANDBY GEN BAYFIELD MAIN PS	Pumping Station	Main PS Insp/Test (1m) 6655		AM	
4171340		DATFIELD MAIN PS	Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	10/1/24 12:00	
			Lagoons and Collection	Campgrounds (1m) 6655		AM	
			System	16 ( )			
4176369			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	10/1/24 12:00	10/4/24 03:03 PM
4185037			Bayfield Wastewater	Health and Safety Inspection	CLOSE	10/1/24 12:00	10/4/24 03:46 PM
			Lagoons and Collection	(1m) 6655, 5695, 5876		AM	
4197352			System 6655, Bayfield WWL &	Now sump nump install north	CLOSE		
4201758	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	New sump pump install north Lagoon Cell 01	CLOSE	11/1/24 12:00	
4201738	0000136277	BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)	CLOSE	AM	
		BATTIELD LAGOON	CS	6655		AW	
4201768	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	Lagoon Cell 02	CLOSE	11/1/24 12:00	
		BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)		AM	
				6655			
4201778	0000156242	PANEL ALARM/	6655, Bayfield Main	Alarm Dialer 01 Main Lift PS3	CLOSE	11/1/24 12:00	11/13/24 11:20
		DIALER BAYFIELD	Pumping Station	Testing (1m) 6655		AM	AM
4201783	0000156186	MAIN PS PANEL ALARM/	6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	11/1/24 12:00	11/13/24 11:21
4201703 0000130100	DIALER BAYFIELD	Pumping Station	PS2 Testing (1m) 6655	CLOSE	AM	AM	
		NORTH PS					
4201788	0000156272	PANEL ALARM/	6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	11/1/24 12:00	11/8/24 02:21 PM
	DIALER BAYFIELD	CS	Lagoon Testing (1m) 6655		AM		
4201700		LAGOON	6655 D	T1-W4 W-11 I/C	CLOSE	11/1/24 12:00	
4201798			6655, Bayfield WWL & CS	Tank Wet Well Insp/Service (1y) 6655	CLOSE	11/1/24 12:00 AM	
4202415	0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	11/1/24 12:00	11/13/24 11:26
.202110	0000120129	STANDBY GEN	Pumping Station	South PS Insp/Test (1m) 6655	CLOSE	AM	AM
		BAYFIELD SOUTH	1 0	1 , ,			
4202434	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	11/1/24 12:00	11/13/24 11:28
		STANDBY GEN	Pumping Station	Insp/ Test (1m) 6655		AM	AM
4202453	0000156238	BAYFIELD NORTH ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	11/1/24 12:00	11/13/24 11:30
4202433	0000130236	STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655	CLOSE	AM	AM
		BAYFIELD MAIN PS	r umping station	Want 18 hisp, 1est (1m) 6633		71111	7 11.1
4217658			Bayfield Wastewater	Data Logger Insp/Service -	CLOSE	11/1/24 12:00	11/22/24 07:20
			Lagoons and Collection	Campgrounds (1m) 6655		AM	AM
			System				
4221839			6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	11/1/24 12:00	11/5/24 03:31 PM
4228576			Bayfield Wastewater Lagoons and Collection	Health and Safety Inspection (1m) 6655, 5695, 5876	CLOSE	11/1/24 12:00	11/8/24 02:12 PM
			System	(1111) 0033, 3093, 3870		AM	
4236973			6655, Bayfield North	Bayfield North SPS Sewage	COMP	İ	2/19/25 09:53
			Pumping Station	Pump			AM
				#2 Repair 6655			
4243687	0000156277	LAGOON CELL 01	6655, Bayfield WWL &	Lagoon Cell 01	CLOSE	12/1/24 12:00	12/4/24 02:24 PM
		BAYFIELD LAGOON	CS	Inspection/Service (1m/6m/1y)		AM	
4243697	0000156278	LAGOON CELL 02	6655, Bayfield WWL &	6655 Lagoon Cell 02	CLOSE	12/1/24 12:00	12/4/24 02:24 PM
1273071	3000130270	BAYFIELD LAGOON	CS CS	Inspection/Service (1m/6m/1y)	CLOSE	AM	12/7/27 02.24 1 IVI
	<u> </u>			6655			
4243707	0000156242	PANEL ALARM/	6655, Bayfield Main	Alarm Dialer 01 Main Lift PS3	CLOSE	12/1/24 12:00	12/4/24 02:25 PM
		DIALER BAYFIELD	Pumping Station	Testing (1m) 6655		AM	
10.10710	000015510	MAIN PS	665 D 6 1137 1	A1 D' 1 00 N 1 7 10	OI OCT	10/1/04 10 00	10/4/04/02/25/25
4243712	0000156186	PANEL ALARM/	6655, Bayfield North	Alarm Dialer 02 North Lift	CLOSE	12/1/24 12:00	12/4/24 02:26 PM
		DIALER BAYFIELD NORTH PS	Pumping Station	PS2 Testing (1m) 6655		AM	
				i e		I .	
4243717	0000156272		6655, Bayfield WWL &	Alarm Dialer 04 Bayfield	CLOSE	12/1/24 12:00	
4243717	0000156272	PANEL ALARM/ DIALER BAYFIELD	6655, Bayfield WWL & CS	Alarm Dialer 04 Bayfield Lagoon Testing (1m) 6655	CLOSE	12/1/24 12:00 AM	

4243859			6655, Bayfield WWL &	MSDS Review - (6m) 6655	CLOSE	12/1/24 12:00
4243867			6655, Bayfield WWL & CS	Do Probe Calibration (1y) 6655/5876	CLOSE	12/1/24 12:00 AM
4244328	0000156159	ENGINE DIESEL	6655, Bayfield South	Engine Diesel Bayfield	CLOSE	12/1/24 12:00
		STANDBY GEN BAYFIELD SOUTH	Pumping Station	South PS Insp/Test (1m) 6655		AM
4244347	0000156182	ENGINE DIESEL 02	6655, Bayfield North	Engine Diesel North Lift PS	CLOSE	12/1/24 12:00
		STANDBY GEN BAYFIELD NORTH	Pumping Station	Insp/ Test (1m) 6655		AM
4244366	0000156238	ENGINE DIESEL	6655, Bayfield Main	Engine Diesel Bayfield	CLOSE	12/1/24 12:00
		STANDBY GEN	Pumping Station	Main PS Insp/Test (1m) 6655		AM
		BAYFIELD MAIN PS				
4259444			Bayfield Wastewater Lagoons and Collection	Data Logger Insp/Service - Campgrounds (1m) 6655	COMP	12/1/24 12:00 AM
4263657			System 6655, Bayfield WWL &	e.Ris Data Collection (1m)	CLOSE	12/1/24 12:00
4269942			Bayfield Wastewater Lagoons and Collection System	Health and Safety Inspection (1m) 6655, 5695, 5876	COMP	12/1/24 12:00 AM
4278879			6655, Bayfield WWL & CS	Sampling Calendar Review (1y) 6655	COMP	12/15/24 12:00 AM

# Appendix C

2024 Calibration Records



45 Wilton Road Guelph, ON N1E 7L6

Phone:

519.820.4853

Fax:

519.824.9402

F	0	V	٧	ľ	n	e	t	e	r	F	8	e	p	0	r	1

Verification:

X

Calibration:

Client: OCWA Bluewater

Description: Mag Flow Meter

Manufacturer: Krohne

Model: Aquaflex

Inventory No.:

249218

Location: Bayfield Lagoons

Date: 24-Mar-18

Checked By: Greg Pierce

Serial No.: 1047692

Volocity	Input	As Found	As Left	Pass/Fai
0 m/s	0.00 l/s	0.00 l/s	0.00 l/s	Pass
1.23 m/s	59.94 l/s	59.94 l/s	59.94 l/s	Pass
2.54 m/s	125.00 l/s	125.00 l/s	125.00 l/s	Pass
3.76 m/S	57.6 l/s	57.6 l/s	57.6 l/s	Pass

Confirmed Run Mode: X

Returned to service: X

#### Service Comments:

#### Flowmeter Information

Flow Unit:

I/s

Meter Size:

250 mm

Pipe Material:

Cast Steel

Liner Material:

PU

Range:

0-125 l/s

Tag Number:

FIT 601

Comments:

Verification of original calibration

The state of the s

Coil Temp - 369.4 F

Electrode Temp - 100.1 F

Conductivity - 489.5 uS/cm

Coil Resistance - 79.18 Ω

Signature:

Greg Pierce, CCST



45 Wilton Road Guelph, ON N1E 7L6

Phone:

519.820.4853

Fax:

519.824.9402

Flowmeter Repo	ort	port
----------------	-----	------

Verification: X

Calibration:

Client: OCWA Bluewater

Description: Mag Flow Meter

Manufacturer: ABB

Model: Watermaster

Inventory No.: 249197

Location: Bayfield Lagoons

Date: 18-Mar-24

Checked By: Greg Pierce

Serial No.: 3K620000215245

Pass/Fai	As Left	As Found	Input	Volocity
Pass	0.00 l/s	0.00 l/s	0.00 l/s	0 m/s
	3.92 l/s	3.92 l/s	3.9 l/s	1.99 m/s
	6.00 l/s	6.00 l/s	6.00 l/s	3.05 m/s
+	6.00 1/8	0.001/5	0.00 1/3	3.03 m/s
-	6.00 l/s	6.00 1/5	0.001/5	3.03 11/5

Confirmed Run Mode: X

Returned to service: X

#### Service Comments:

#### Flowmeter Information

Flow Unit:

I/s

Meter Size:

50 mm

Pipe Material:

Cast Steel

Liner Material:

PU

Range:

0-6 l/s

Tag Number:

FIT 602

Comments:

Verification of original calibration

No Alarms

E1 - 1.24 kΩ

E2 - 1.28 kΩ

E1 - 0.057 V

E2 - 1.018 V

E12 - -0.038 V

CDI - 179.93 mA

CDR - 25.94 Ω

Signature:

Greg Pierce, CCST



## Instrument Verification Sheet

519.820.4853 F	ax 519.824.9402	msuu	mient vernica	uon Sneei		
Client Name: Ontario Cl	ean Water Agency		Date: March 18, 2024			
Equipment Description:	Level Sensor	Assigned Number: LIT 601				
Area Located: Bayfield L	agoons	Inventory No	umber: N/A			
Instrument Data						
Manufacturer: Milltronics	;	Model Number: MultiRanger Plus				
Type: Ultrasonic		Serial Number: N/A				
Range: 0 - 3.700 m		Accuracy: +/- 5%				
Method Of Calibration: S	Standard Measurement	Application: Waste Water				
Calibration Data Input %	Innuk	A - F				
Input 76	Input 9.022 mA	As Found 1.161 m	As Left 1.161 m	% Error		
	0.022 IIIA	1.101111	1.101111			
	1000		Market and a second			
		1103310-11				
- Comment of the comm						
Confirmed Run Mode:	✓		d southware 19	de la constante de la constant		
Placed back in service:	✓					
Comments:						
Checked By: Greg Pierc	e CCST	Signature:∠	M			



## **Instrument Verification Sheet**

Client Name: Ontario Clean Water Agency

Date: March 18, 2024

Equipment Description: Flow Transmitter

Assigned Number: Lagoon Filter Flow

Area Located: Bayfield Lagoons

Inventory Number: 114632

Instrument Data

Manufacturer: Krohne Model Number: AquaFlux

Type:Magmeter Serial Number: A00 12009

Range: 0-300 l/s Accuracy: +/- 5%

Method Of Calibration: Standard Verification Application: Wastewater

Meter Size: 300mm PASS/FAIL: Pass

**Calibration Data** 

Input	Input	Theoretical	As Found	Pass/Fail
	0.00 l/s	0.00 l/s	0.00 l/s	Pass
	135.96 l/s	135.96 l/s	135.96 l/s	Pass

Confirmed Run Mode: 🗸

Placed back in service: 🗸

Comments:

Verification of original calibration only.

Checked By: Greg Pierce CCST

Signature:



### 519.820.4853 Fax 519.824.9402

### Instrument Verification Sheet

Client Name: Ontario Clean Water Agency	Date: March 18, 2024

Equipment Description: Level Sensor Assigned Number: LIT 103

Area Located: Bayfield Lagoons Chamber Inventory Number: 114630

Instrument Data

Manufacturer: Milltronics Model Number: MultiRanger Plus

Type: Ultrasonic Serial Number: N/A

Range: 0 - 3.500 m Accuracy: +/- 5%

Method Of Calibration: Standard Measurement Application: Waste Water

**Calibration Data** 

Input %	Input	As Found	As Left	Pass/Fail
	16.58 mA	2.516 m	2.516 m	Pass
		-		
***				

Confirmed Run Mode: ✓

Placed back in service: ✓

Comments:

Transducer Erratic Recommend Replacement

Checked By: Greg Pierce CCST

Signature:



45 Wilton Road Guelph, ON N1E 7L6

Phone:

519.820.4853

Fax:

519.824.9402

Flo	wmeter	Report

Verification: X

Calibration:

Client: OCWA Bluewater

Description: Ultrasonic

Manufacturer: Milltronics

Model: OCM III

Inventory No.: 249100

Location: Bayfield Lagoons

Date: 24-Mar-18

Checked By: Greg Pierce

Serial No.:

Volocity	Input	Theroretical	As Left	Pass/Fai
	0 cm	0.00 l/s	0.00 l/s	Pass
	10 cm	4.364 l/s	4.3652 l/s	Pass
	20 cm	24.69 l/s	24.69334 l/s	Pass
174111	30 cm	68.03 l/s	68.04685 l/s	Pass
	42 cm	157.8 l/s	157.8 l/s	Pass

Confirmed Run Mode: X

Returned to service: X

Service Comments:

#### Flowmeter Information

Flow Unit:

I/s

Meter Size:

200 mm

Pipe Material:

Stainless Steel

Flume Type

90° V Notch Weir

Range:

0-157.8 l/s

Tag Number:

FIT 101

Comments:

Verified with ISCO Open Channel Flow Book

Signature:

Greg Pierce, CCST



519.820.4853 F	ax 519.824.9402	Instr	ument Verificati	on Sheet
Client Name: Ontario C	lean Water Agency		Date: March 20, 2024	
Equipment Description:	Level Sensor	Assigned N	lumber: Wet Well Level	
Area Located: Bayfield I	Main Lift Station	Inventory N	lumber: 156233	
Instrument Data				
Manufacturer: Milltronic	s	Model Num	ber: MultiRanger Plus	
Type: Ultrasonic		Serial Num	ber: N/A	
Range: 0 - 3.300 m		Accuracy: +	<del>-</del> /- 5%	
Method Of Calibration: Standard Measurement		Application: Waste Water		
Calibration Data Input %	loout	A . 5		
input 76	Input 9.967 mA	As Found 1.119 m	As Left 1.119 m	Pass/Fail Pass
700			7.110 111	1 433
				-
Confirmed Run Mode:	1		Service and Control of the Control o	
Placed back in service:	✓			
Comments:			Annual An	
Checked By: Greg Pierc	e CCST	Signature:_	11-	>



519.820.4853 Fa	ax 519.824.9402	Instru	ment Verifica	tion Shee
Client Name: Ontario Cle	ean Water Agency	Date: March 20, 2024		
Equipment Description: I	Level Sensor	Assigned Nu	mber: LIT 101	
Area Located: North Lift	Bayfield	Inventory Nu	mber: 1556177	
Instrument Data		*	- MENU /	
Manufacturer: Milltronics		Model Numb	er: MultiRanger Plus	s
Type: Ultrasonic		Serial Number	er: N/A	
Range: 0 - 3.750 m		Accuracy: +/-	- 5%	
Method Of Calibration: Standard Measurement		Application: Waste Water		
Calibration Data Input %	Input	As Found		
input 70	9.376 mA	As Found 1.159 m	As Left 1.159 m	Pass/Fail Pass
				1 400
	Q			
			WI	
Confirmed Run Mode:	<b>/</b>			
Placed back in service:	✓			
Comments:				
	1844 Wagan		-	
			17	
Checked By: Greg Pierce	CCST	Signature:/	1/2	



### 519.820.4853 Fax 519.824.9402

### Instrument Verification Sheet

Client Name: Ontario Clean Water Agency	Date: March 18, 2024
Equipment Description: Level Sensor	Assigned Number: Wet Well Level
Area Located: Bayfield South Lift Station	Inventory Number: 156154

Instrument Data

Manufacturer: Milltronics Model Number: MultiRanger 100

Type: Ultrasonic Serial Number: PBD/E5150044

Range: 0 - 5.000 m Accuracy: +/- 5%

Method Of Calibration: Standard Measurement Application: Waste Water

**Calibration Data** 

Input %	Input	As Found	As Left	Pass/Fail
26.62%	8.36 mA	1.25 m	1.25 m	Pass

Confirmed Run Mode: 🗸

Placed back in service: 🗸

Comments:



Checked By: Greg Pierce CCST

Signature:\_

# Appendix D 2025 Sample Calendar



Rev. Date: 2025-03-20

Rev.#: 3 Pages: 1 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

<b>◄</b> December	January 2025					February ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 STAT	2	3	4
5	6	7 □ Raw	8	9	10	11
12	13	14  □ Raw	15	16	17	18
19	20	□ Raw	22	23	24	25
26	27	28	29	30	31	
26	27	<b>28</b> □ Raw	29	30	31	

#### Discharge Period: April 1 to November 30

Weekly Composite (BOD5, TSS, TP, TKN) Raw Sample:

Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia) Final Effluent:

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO) Quarterly Grab (CBOD5, TSS, TP, TAN)

Pre-Filter: Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals - see Sludge:

"Sludge/Biosolids" Table in ECA)

Leachate: Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility.

Date	Revision #	Reason for Revision	Revision By
2024-11-05	0	Create 2025 Sample Calendar	Lisa Benoit
2025-01-24	1	Changed Discharge Period to end November 30	HeatherWharram
2025-02-10	2	Added emergency discharge samples	Heather Wharram
2025-03-20	3	Added additional effluent sampling parameters on notes	HeatherWharram



Rev. Date: 2025-03-20

Rev.#: 3 Pages: 2 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

Mon		February 2025					February 2025				
IVIOII	Tue	Wed	Thu	Fri	Sat						
3	<b>4</b> □ Raw	5	6	7	8						
10	11	12	13  □ Final Effluent  □ Upstream  □ Downstream	14	15						
17 STAT	18     Raw     Final Effluent     Upstream     Downstream	19	20  - Final Effluent - Upstream - Downstream	21	22						
24	<b>25</b> □ Raw	26	27	28							
	10 17 STAT	10	10	10	10						

### Discharge Period: April 1 to November 30

Raw Sample: Weekly Composite (BOD5, TSS, TP, TKN)

Final Effluent: Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia)

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO) Quarterly Grab (CBOD5, TSS, TP, TAN)

Pre-Filter: Sludge: Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals - see

"Sludge/Biosolids" Table in ECA)

Leachate: Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility.

Date	Revision #	Reason for Revision	Revision By
2024-11-05	0	Create 2025 Sample Calendar	Lisa Benoit
2025-01-24	1	Changed Discharge Period to end November 30	HeatherWharram
2025-02-10	2	Added emergency discharge samples	Heather Wharram
2025-03-20	3	Added additional effluent sampling parameters on notes	HeatherWharram



Rev. Date: 2025-03-20

Rev.#: 3 Pages: 3 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

<b>◄</b> February		March 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
						1		
2	3	<b>4</b> □ Raw	5	6	7	8		
9	10	<b>11</b> □ Raw	12	13	14	15		
16	17	18 □ Raw	19	20	21	22		
23	24	<b>25</b> □ Raw	26	27	28	29		
30	31							

### Discharge Period: April 1 to November 30

Raw Sample:

Weekly Composite (BOD5, TSS, TP, TKN)
Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia) Final Effluent:

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO)

Quarterly Grab (CBOD5, TSS, TP, TAN)
Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals – see Sludge:

"Sludge/Biosolids" Table in ECA)

Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA) Leachate:

Initial on date when sample was taken. Add any additional sampling completed for the facility. Notes:

### **Revision History**

Date	Revision #	Reason for Revision	Revision By
2024-11-05	0	Create 2025 Sample Calendar	Lisa Benoit
2025-01-24	1	Changed Discharge Period to end November 30	HeatherWharram
2025-02-10	2	Added emergency discharge samples	Heather Wharram
2025-03-20	3	Added additional effluent sampling parameters on notes	HeatherWharram



Rev. Date: 2025-03-20

Rev.#: 3 Pages: 4 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

<b>◄</b> March		May ►				
Sun	Mon	Tue	April 20	Thu	Fri	Sat
		1 Raw Final Effluent	2	3	4	5
6	7	8 Raw Final Effluent	9	10	11	12
13	14	15 □ Raw □ Final Effluent	16	17	18 STAT	19
20	21 STAT	<b>22</b> □ Raw □ Final Effluent	23	24	25	26
27	28	29 □ Raw □ Final Effluent	30			

#### Discharge Period: April 1 to November 30

Raw Sample: Weekly Composite (BOD5, TSS, TP, TKN)

Final Effluent: Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia)

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO)
Pre-Filter: Quarterly Grab (CBOD5, TSS, TP, TAN)

Sludge: Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals – see

"Sludge/Biosolids" Table in ECA)

Leachate: Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA)

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility.

Date	Revision #	Reason for Revision	Revision By
2024-11-05	0	Create 2025 Sample Calendar	Lisa Benoit
2025-01-24	1	Changed Discharge Period to end November 30	HeatherWharram
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Rev. Date: 2025-03-20

Rev.#: 3 Pages: 5 of 12

Reviewed by: QEMS Representative

Approved by: Operations Management

◆ April		May 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
				1	2	3		
4	5	<b>6</b> □ Raw □ Final Effluent	7	8	9	10		
11	12	13 □ Raw □ Final Effluent	14	15	16	17		
18	<b>19</b> STAT	<b>20</b> □ Raw  □ Final Effluent	21	22	23	24		
25	26	27 □ Raw □ Final Effluent	28	29	30	31		

### Discharge Period: April 1 to November 30

Raw Sample:

Weekly Composite (BOD5, TSS, TP, TKN) Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia) Final Effluent:

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO)

Quarterly Grab (CBOD5, TSS, TP, TAN)
Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals – see Sludge:

"Sludge/Biosolids" Table in ECA)

Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA) Leachate:

Notes: Initial on date when sample was taken. Add any additional sampling completed for the facility.

### **Revision History**

Date	Revision #	Reason for Revision	Revision By
2024-11-05	0	Create 2025 Sample Calendar	Lisa Benoit
2025-01-24	1	Changed Discharge Period to end November 30	HeatherWharram
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2025-03-20	3	Added additional effluent sampling parameters on notes	HeatherWharram



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Reviewed by: QEMS Representative

Approved by: Operations Management

	July ►				
Mon	Tue			Fri	Sat
2	3 □ Raw □ Final Effluent	4	5	6	7
9	10 □ Raw □ Final Effluent	11	12	13	14
16	17 □ Raw □ Final Effluent	18	19	20	21
23	<b>24</b> □ Raw  □ Final Effluent	25	26	27	28
30					
	9 16 23	9 10 Raw Final Effluent  16 17 Raw Final Effluent  23 24 Raw Final Effluent	Mon       Tue       Wed         2       3	2	Mon       Tue       Wed       Thu       Fri         2       3

#### Discharge Period: April 1 to November 30

Raw Sample:

Weekly Composite (BOD5, TSS, TP, TKN)
Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia) Final Effluent:

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO) Quarterly Grab (CBOD5, TSS, TP, TAN)

Sludge: Grab from Cell 1, Cell 2, WAS storage lagoon one week prior to removal (TS, TP, TAN, NO3, Metals - see

"Sludge/Biosolids" Table in ECA)

Leachate: Quarterly - Only When Receiving (Refer to 'Landfill Leachate Monitoring' Table in ECA)

Initial on date when sample was taken. Add any additional sampling completed for the facility. Notes:

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<b>◄</b> June		August ►				
Sun	Mon	Tue	July 202 Wed	Thu	Fri	Sat
		1 STAT	2 Raw Prinal Effluent	3	4	5
6	7	8 □ Raw □ Final Effluent	9	10	11	12
13	14	15 □ Raw □ Final Effluent	16	17	18	19
20	21	<b>22</b> □ Raw  □ Final Effluent	23	24	25	26
27	28	29 □ Raw □ Final Effluent	30	31		

#### Discharge Period: April 1 to November 30

Raw Sample: Weekly Composite (BOD5, TSS, TP, TKN)

Final Effluent: Weekly Composite (CBOD, TSS, TP, TAN, TKN, NO3, NO2, Unionized Ammonia)

Weekly Grab (E.Coli)

Weekly Grab In-House (pH, Temp, DO)
Pre-Filter: Quarterly Grab (CBOD5, TSS, TP, TAN)

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<b>◄</b> July		August 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
					1	2		
3	4 STAT	<b>5</b> □ Raw  □ Final Effluent	6	7	8	9		
10	11	12 □ Raw □ Final Effluent	13	14	15	16		
17	18	19 □ Raw □ Final Effluent	20	21	22	23		
24	<b>25</b>	<b>26</b> □ Raw □ Final Effluent	27	28	29	30		

Discharge Period: April 1 to November 30

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<b>◄</b> August		October ►				
Sun	Mon	Tue	eptember Wed	Thu	Fri	Sat
	1 STAT	<b>2</b> □ Raw □ Final Effluent	3	4	5	6
7	8	9	10	11	12	13
14	15	16 □ Raw □ Final Effluent	17	18	19	20
21	22	23 □ Raw □ Final Effluent	24	25	26	27
28	29	<b>30</b> STAT				

#### Discharge Period: April 1 to November 30

Raw Sample:

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■ September		November ►				
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			<b>1</b> □ Raw	2	3	4
			□ Final Effluent			
			□ Pre Filter			
5	6	<b>7</b> □ Raw □ Final Effluent	8	9	10	11
12	13 STAT	14 □ Raw □ Final Effluent	15	16	17	18
19	20	21 □ Raw □ Final Effluent	22	23	24	25
26	27	<b>28</b> □ Raw □ Final Effluent	29	30	31	

#### Discharge Period: April 1 to November 30

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◆ October		December ►				
Sun	Mon	Tue	ovember 2 Wed	Thu	Fri	Sat
						1
2	3	<b>4</b> □ Raw □ Final Effluent	5	6	7	8
9	10	11 STAT	12 □ Raw □ Final Effluent	13	14	15
16	17	18 □ Raw □ Final Effluent	19	20	21	22
23	24	25 □ Raw □ Final Effluent	26	27	28	29
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■ November			December	r <b>2025</b>		January ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	<b>2</b> □ Raw	3	4	5	6
7	8	<b>9</b> □ Raw	10	11	12	13
14	15	<b>16</b> □ Raw	17	18	19	20
21	22	<b>23</b>	24	<b>25</b> STAT	<b>26</b> STAT	27
28	29	30 □ Raw	31			

Discharge Period: April 1 to November 30 Discharge Period: April 1 to November 30

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