



Burks Falls Sewage Lagoon & Sewage Collection System 2024 ANNUAL PERFORMANCE REPORT

January 1 to December 31, 2024

Prepared by the Ontario Clean Water Agency
on behalf of the Corporation of the Village of Burks Falls

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EXECUTIVE SUMMARY

The Ontario Clean Water Agency (OCWA) provides management and maintenance support for the wastewater treatment system under contract with the Village of Burk's Falls. There are municipal operators who performs operational duties, collects and sends the required samples to the lab for analysis. The municipal operator notifies OCWA of any operational or equipment problems and OCWA ensures that appropriate corrective actions are taken. OCWA enters daily data summaries recorded by the operator and from the lab analysis of samples into a computer database. OCWA chemically treats the lagoons prior to release to ensure the effluent meet the release criteria. OCWA produces regulatory reports and represents the municipality in its dealings with the Ministry of Environment, Conservation and Parks (MECP). The enclosed 2024 Report for the above-referenced facility summarizes the performance and related activities in accordance with Environmental Compliance Approval (ECA) #6551-BT4GUD; Section 11(4). Environmental Compliance Approval was issued May 10, 2021.

The report has been completed in accordance with the approval and contains the following information:

- a summary and interpretation of all Influent,;
- a summary and interpretation of all Final Effluent monitoring data, including concentration, flow rates and a comparison to the design objectives and compliance limits in this Approval, including an overview of the success and adequacy of the Works;
- a summary of all operating issues encountered and corrective actions taken;
- a summary of all normal and emergency repairs and maintenance activities carried out on any major structure, equipment, apparatus or mechanism forming part of the Works; a summary of any effluent quality assurance or control measures undertaken;
- a summary of the calibration and maintenance carried out on all Influent, Imported Sewage monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
- a summary of efforts made to achieve the design objectives in this Approval, including an assessment of the issues and recommendations for pro-active actions if any are required under the following situations:
 - when any of the design objectives is not achieved more than 50% of the time in a year, or there
 - is an increasing trend in deterioration of Final Effluent quality;
 - when the Annual Average Daily Influent Flow reaches 80% of the Rated Capacity;
- a tabulation of the volume of sludge generated, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed; a
 - tabulation of the measured volume of sludge accumulated in the lagoon cells in five year intervals
 - and the estimated volume in the interim years and when sludge was disposed of during the reporting
 - period, a summary of disposal locations and volumes of sludge disposed at each location;
- a summary of any complaints received and any steps taken to address the complaints;



- a summary of all Bypasses, Overflows, other situations outside Normal Operating Conditions and spills within the meaning of Part X of EPA and abnormal discharge events;
- a summary of all Notice of Modifications to Sewage Works completed under Paragraph 1.d. of Condition 10, including a report on status of implementation of all modification.
- a summary of efforts made to achieve conformance with Procedure F-5-1 including but not limited to projects undertaken and completed in the sanitary sewer system that result in overall
- Bypass/Overflow elimination including expenditures and proposed projects to eliminate Bypass/Overflows with estimated budget forecast for the year following that for which the report is submitted;
- a tabulation of the lagoon discharge volumes in relation to the receiver flows as measured by Water Survey of Canada Station #02EA018.

Condition 8.0(8.3) of the ECA No. 5603-C2BPHY for the Burks Falls Sewage Collection System requires the Owner to prepare and submit an annual performance report to the Ministry of the Environment's Director on or before March 31st of each year and covers a period from January 1st to December 31st of the preceding calendar year. This report must include, but is not limited to the following information;

- If applicable, includes a summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations;
- Includes a summary of any operating problems encountered and corrective actions taken;
- Includes a summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System;
- Includes a summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.
- Includes a summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat;
- Includes a summary of all Collection System Overflow(s) and Spill(s) of Sewage, including: dates, volumes and durations. If applicable, loadings for total suspended solids, BOD₅, total phosphorus, and total Kjeldahl nitrogen, and sampling results for *E.coli*, disinfection, if any and any adverse impact(s) and any corrective actions, if applicable;
- Includes a summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable:
 - a) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted.



- b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP's timelines.
- c) An assessment of the effectiveness of each action taken.
- d) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives.
- e) Public reporting approach including proactive efforts.

The two reports have been merged into one and is presented as the 2024 Annual Performance Report. The report was prepared by the Ontario Clean Water Agency (OCWA) on behalf of the Village of Burks Falls and is based on information kept on record by OCWA.

All requirements specified under condition 11(4) of the system's ECA and any issues experienced at the facility are further explained throughout the report.

1.0 SYSTEM DESCRIPTION

Municipal Location	Village of Burk's Falls, Township of Armour
OCWA Org Unit:	5725
Facility Project Number:	100656700
Works Number	110001426
Facility Classification:	Wastewater Treatment System Class 1 Cert. #147 issued on July 23, 1987 Wastewater Collection System Class 2 Cert. #1888 issued on May 27, 1992
Certificates of Approval (Sewage):	6551-BT4GUD Issued May 10, 2021 5603-C2BPHY Issued May 10, 2021
Population Served:	870 approx.

The Burk's Falls Wastewater Treatment Facility consists of three pumping lift stations, North, East and West, each complete with on-site power generation, a two cell 9.5 acre each Waste Stabilization Pond (lagoon), a sanitary sewer crossing the Magnetawan River and a Wastewater Collection system serving the Village of Burk's Falls.

2.1 Wastewater Collection System

The North pumping station, located at 290 Ontario Street, is a Wet Well Pumping Station with two Flygt submersible Model NP 3102 MT3 – Adaptive 464. The pumps are driven by 5 horsepower (HP), 3 phase, 60 hertz (Hz), 230 Volt electric motors and are rated at 265 gallons per minute (GPM) @ 28feet of head at 1745 revolutions per minute (RPM). The station is equipped with a 15 kilowatt (kW) standby diesel generator, which operates the two pumps during power outages. The diesel engine is a Deutz Model F2L-912, which is coupled to a Stamford Model C20A alternator. The wet well is equipped with a high-level alarm set to illuminate a red light above the station to alert of a high well level condition. The North Pumping Station pumps over to the West Pumping Station.

The West pumping station is located at 335 High Street. The station is an Allis-Chalmers Dry Well Pumping Station with two Flygt sewage pumps Model NT 3153 SH. The pumps are driven by 23 HP, 3 phase, 60 Hz, 600 Volt electric motors and are rated at 300 GPM @ 122 feet of head at 3525 RPM. The station is equipped with a 75 kW standby diesel generator, which operates the two pumps during power outages. The diesel engine is a Deutz Model F6L-413, which is coupled to a Stamford Model C30B alternator. The wet well is equipped with a high-level alarm set to illuminate a red light above the station to alert of a high well level condition. The West Pumping Station pumps over to the East Pumping Station.

The East pumping station is the primary pumping station for this facility and all flows going to the lagoon pass through this station. This station is the only source of bypass immediately prior to the lagoon. This station is located at 280 Yonge Street, south of the lagoon property, where Yonge Street crosses the Magnetawan River. The station is an Allis-Chalmers Dry Well Pumping Station with two Allis-Chalmers Model 400, Type NSWV, 6x4x10 Pumps. The pumps are driven by 20 HP, 3 phase, 60 Hz, 575 Volt electric motors and are rated at 600 GPM @ 68 feet of head at 1760 RPM. The station is equipped with a 60 kW standby diesel generator, which operates the two

pumps during power outages. The diesel engine is a Deutz Model BF6L-912, which is coupled to a Stamford Model C30B alternator. The wet well is equipped with a high-level alarm set to illuminate a red light above the station to alert of an impending or existing bypass. All sewage bypasses are chlorinated and recorded on a Spill / Bypass / Leak reporting forms.

2.1 Waste Stabilization Lagoons (Ponds)

The waste stabilization facility consists of two (2) lagoon cells of approximately equal size. The South Cell "Cell 1" with a SWD of 1.5 meters (m) depth providing a holding capacity of 53,500 m³. The North Cell "Cell 2" with a SWD of 1.5 m depth providing a holding capacity of 62,750 m³.

The Waste Stabilization Lagoons are located at the east end of Yonge Street on the North side, Concession 9, Part of Lot 8, Plan PSR 1383, Part of Part 1, part parcel 13814, south side.

The lagoons are discharged on a semi annual basis into the South Branch of the Magnetawan River, which flows to the Magnetawan River and then to Georgian Bay of Lake Huron. The lagoon discharges are conducted in the spring and fall of the year. Pre-discharge sample analysis results are utilized to dictate the need for batch chemical treatment with ferric sulphate for phosphorus removal. There are no significant downstream users within 3.5 kilometers (km).

2.0 MONITORING PROGRAM

2.1 Monitoring Program as Outlined in the Environmental Compliance Approval

BOD5	<i>Refers to the amount of oxygen consumed when organic matter in a volume of water is biodegraded. Five day biochemical oxygen demand is measured in an unfiltered sample; includes carbonaceous and nitrogenous oxygen demand (also known asTBOD5)</i>
cBOD₅	<i>Five-day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample</i>
TSS	<i>Total Suspended Solids</i>
TP	<i>Total Phosphorus</i>
TKN	<i>Total Kjeldahl Nitrogen</i>
TAN	<i>Nitrogen as Ammonium and Ammonia (Total Ammonia Nitrogen)</i>
pH	<i>pH expresses the degree or intensity of both acidic and alkaline reactions on a scale from 0 to 14 with 7 being neutral, number less than 7 signify increasingly greater acidic solutions, and numbers greater than 7 signify increasingly basic or alkaline reactions.</i>
E. coli	<i>Thermally tolerant forms of Escherichia bacteria that can survive at 44.5°C</i>

Table 1: Sampling Requirements for the Raw Influent

Parameters	Sample Type	Minimum Frequency
BOD ₅	4 hour composite	Monthly
Total Suspended Solids	4 hour composite	Monthly
Total Phosphorus	4 hour composite	Monthly
Total Kjeldahl Nitrogen	4 hour composite	Monthly
Total Ammonia Nitrogen	4 hour composite	Monthly

Table 2: Sampling Requirements for the Lagoon Content

- for the cells in which the content is scheduled for discharge in the seasonal discharge period at least seven days prior to a scheduled discharge

Parameters	Sample Type	Minimum Frequency
CBOD ₅	Grab Sample	Once
Total Suspended Solids	Grab Sample	Once
Total Phosphorus	Grab Sample	Once
Total Kjeldahl Nitrogen	Grab Sample	Once
pH	Grab Sample	Once
Hydrogen Sulphide(if odour is present)	Grab Sample	Once

A minimum of three (3) grab samples from the surface, middle and bottom of the liquid portion at a location representative of the cell content, collected and composited as one sample.

Table 3: Sampling Requirements for Final Effluent

Sample Type	Grab
Minimum Frequency	Twice per week with a minimum of five (5) samples during discharge that captures the beginning of the seasonal discharge at 25%, 50% and 75% drawdown and at the end of the seasonal discharge
Parameter Type	CBOD ₅ , Total Suspended Solids, Total Phosphorus, Total Ammonia Nitrogen, Total Kjeldahl Nitrogen, Nitrate as Nitrogen, Nitrite as Nitrogen, <i>E. coli</i> , pH*, *Temperature, Hydrogen Sulphide (if odour is present)

*pH and temperature of the Final Effluent shall be determined in the field at the time of sampling for Total Ammonia Nitrogen.

**The concentration of un-ionized ammonia shall be calculated using the total ammonia concentration, pH and temperature using the methodology stipulated in "Ontario's Provincial Water Quality Objectives" dated July 1994, as amended.

Table 4: Sampling Requirements for a Bypass/Overflow Events

Parameter	Type of Sample	Minimum Frequency
CBOD ₅	grab samples	One at the beginning of the event and one for every eight (8) hours for the duration of the Event.
TSS	grab samples	
TP	grab samples	
TAN	grab samples	
TKN	grab samples	
<i>E.coli</i>	grab samples	

3.0 INTERPRETATION OF MONITORING AND ANALYTICAL DATA

3.1 Influent Flow

All raw sewage flows to the lagoon are directed through the East pumping station. The East sewage lift station has a magnetic flow meter installed on the discharge from the station from which the operator records the raw sewage flow pumped to the lagoons. The total daily raw sewage flow data recorded on a daily log sheet and later transferred to OCWA database.

Compliance is achieved when the average daily flow does not exceed 636 m³/day. The average daily flow for 2024 was 325.38 m³/day, which represents 51.2% of the rated capacity. Maximum flow of 892.30 m³/day occurred in April 2024 and was approximately 140% of the average rated capacity.

Refer to *Appendix C* for raw (influent) sample data.

3.1.1 Comparison of the Annual Influent Flow to the Rated Capacity

Design Capacity (m ³ /day)	636	Maximum Flow Capacity (m ³ /day)	N/A
2024 Average Flow (m ³ /day)	325.38	2024 Maximum Flow (m ³ /day)	892.30
Percent of Capacity (%)	51.2	Percent of Capacity (%)	N/A
Total volume of treated wastewater in 2024		119,088 m ³	

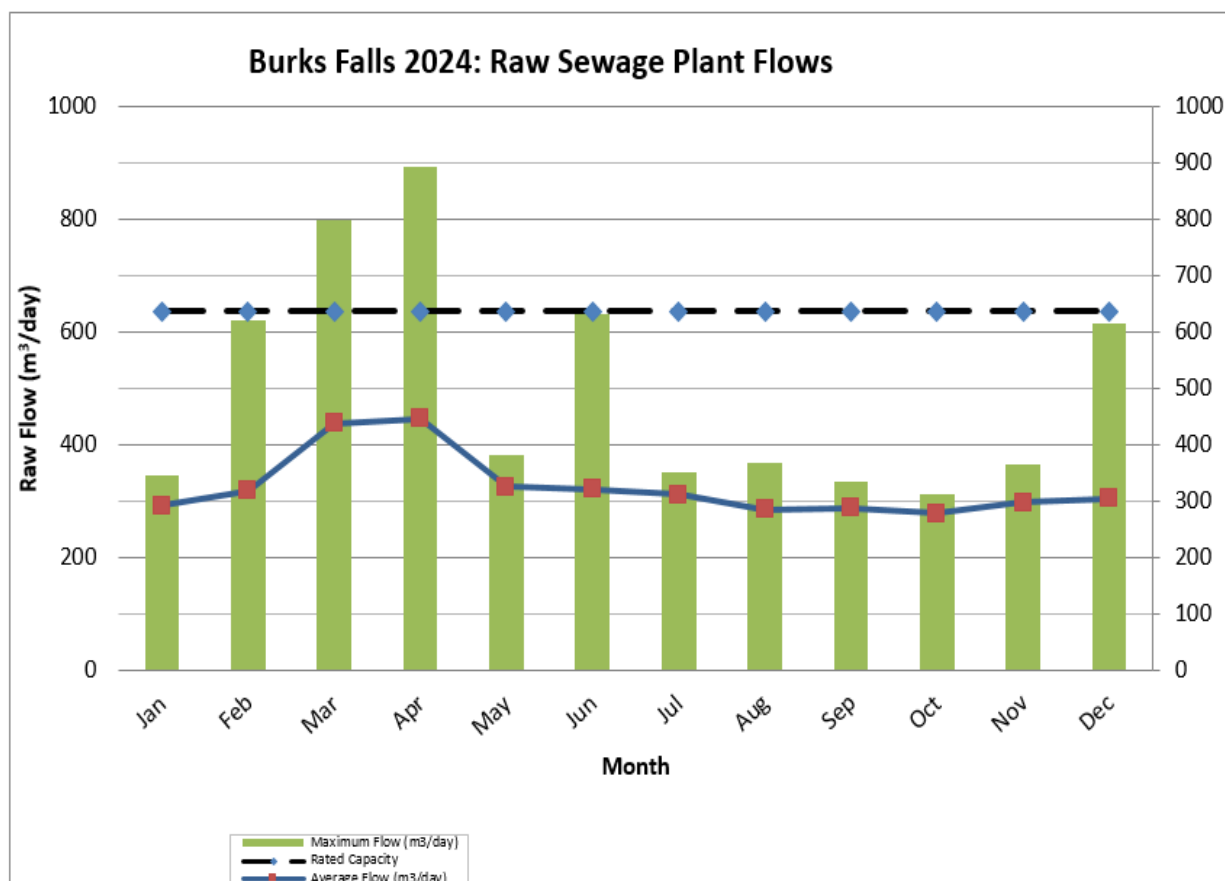
3.1.2 Comparison of Historical Influent Flows (2006 to 2024)

Year	Total Raw Sewage Flow m ³ /year	Avg Day Sewage Flow m ³ /d	Max Day Sewage Flow m ³ /d	Avg Day % of rated capacity 636 m ³ /d
2024	119,088	325.38	892.30	51.2
2023	127,356	349	1267	55%
2022	120,806	331	712	52%
2021	140,855	386	1098	61%
2020	138,935	380	1021	60%
2019	152,782	419	1537	66%
2018	153,026	419	721	66%
2017	168,757	462	720	73%
2016	142,602	390	803	61%
2015	142,627	391	680	57%
2014	176,856	485	884	71%
2013	138,232	379	570	56%



2012	138,314	381	613	56%
2011	146,271	400	601	58%
2010	129,360	354	641	52%
2009	149,493	411	845	60%
2008	162,682	445	1885	65%
2007	137,504	377	837	55%
2006	163,338	448	1329	66%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average Flow (m ³ /day)	292	319	438	447	325	321	312	285	288	278	298	304
Maximum Flow (m ³ /day)	345	620	799	892	381	632	353	368	334	313	366	615
Rated Capacity	636	636	636	636	636	636	636	636	636	636	636	636
% Rated Capacity	54	98	126	140	60	99	55	58	52	49	57	97



3.2 Raw Sewage (Influent)

Refer to *Appendix A* for historical trend of influent characteristics. Refer to *Appendix C* for 2024 influent sample data. It can be seen from the influent sample results and the effluent sample results that the wastewater treatment system does a good job of treating biochemical oxygen demand (BOD₅), total suspended solids (TSS), total phosphorus (TP), Total Ammonia Nitrogen (TAN) and Total Kjeldahl Nitrogen (TKN). The influent characteristics are very similar every year; results may vary month to month.

The municipal operator(s) collect a 4-hour composite sample of raw sewage on a monthly basis and sends it to Near North Laboratories in North Bay for analysis. Results are forwarded to OCWA and entered into the process database. The annual average and maximum influent parameter concentrations are summarized in Table 5.

Table 5: Influent Data

Parameter	Annual Average	Annual Minimum	Annual Maximum
BOD ₅ (mg/L)	122.02	51	317
TSS (mg/L)	131.21	54	427
TP (mg/L)	4.16	1.45	6.61
TAN (mg/L)	29.04	13.20	40.40
TKN (mg/L)	35.23	10.2	55.60

3.3 Lagoon Content

The lagoon cell contents are sampled and analyzed for compliance parameters prior to release. Results are utilized to dictate whether or not the lagoon cell contents meet the prescribed effluent quality requirements specified in the ECA. They are also used to indicate the need for batch chemical dosage prior to discharge and to achieve the necessary reductions in phosphorus concentrations using ferric sulphate.

3.4 Seasonal Discharge

In 2024, there were two (2) lagoon cells released.

The spring controlled seasonal release of the lagoons was completed by commencing after the liquid surface in the lagoon has become substantially free of ice cover, continuing for not less than eighteen (18) days, terminating not later than June 30th, and using reasonable efforts to maximize the discharge rate to coincide with the spring freshet and elevated flows in the receiver, as specified in the ECA. Content samples collected shortly after lagoon free of ice and it takes time to arrange treatment, collect treated content samples and allowing proper mixing time. However, flows were monitored and can be found in *Appendix B*. Conditions in ECA met with regards to receiver flow monitoring and all reasonable efforts were made to try and coincide with spring freshet. The spring controlled seasonal release of the South Cell #1 lagoon was

initiated on May 13 and ended June 3, lasting 22 days. The total volume of lagoon discharge over the spring seasonal release period was 45,217 cubic meters (m³). South Cell #1 lagoon was treated with 1418 imperial gallons (IMPG) of ferric sulphate prior to discharge on April 24.

The fall controlled seasonal release of the lagoons was completed between the dates of Sept. 15 and Nov. 30, as specified in the ECA. The fall controlled seasonal release of the North Cell #2 lagoon was initiated on October 22 and ended November 12, lasting 22 days. The total volume of lagoon discharge over the fall release period was 47,951 m³. North Cell #2 lagoon was treated with 1800 IMPG of ferric sulphate prior to discharge on September 24.

According to ECA #6551-BT4GUD, Burks Falls Lagoon effluent quality is based on carbonaceous biochemical oxygen demand (cBOD₅), total suspended solids (TSS), total phosphorus (TP), Total Ammonia Nitrogen (TAN), Total Kjeldhal Nitrogen (TKN), Nitrate as Nitrogen, Nitrite as Nitrogen, E.coli, pH levels, Temperature, and Hydrogen Sulphide (if odor is present). In 2024, the Burks Falls Lagoons produced a quality effluent, which met the compliance limits set out in the system's ECA.

A monthly summary of the final effluent parameter concentrations are presented in Table 6.

Table 6: Effluent Data

Parameter	Spring Average	Fall Average	Objectives	Compliance Limits	Exceedance
cBOD ₅ (mg/L)	3.9	5.4	15.0 mg/L	20 (seasonal discharge average)	No
TSS (mg/L)	12.5	18.3	20 mg/L	25 (seasonal discharge average)	No
TP (mg/L)	0.46	0.23	1.0 mg/L	0.5 (seasonal discharge average)	No
TAN (mg/L)	<0.02	6.52	N/A	N/A	-
<i>E. coli</i> (MGM)	10	10.14	150 CFU/100mL	200 (monthly geomean) ^{*3}	No
Total Ammonia-N (mg/L)	3.97	6.37	N/A	N/A	-
Unionized Ammonia (ug/L)	211.20	112	N/A	N/A	-
Total Kjeldahl Nitrogen (mg/L)	5.6	2.9	N/A	N/A	-
Nitrite (mg/L)	0.1	0.1	N/A	N/A	-
Nitrate (mg/L)	1.5	0.2	N/A	N/A	-
Field pH Min	6.80	8.00	6.5-8.5 (inclusive)	6.0 - 9.5 (inclusive)	No
Field pH Max	7.30	8.50			
Field Temperature	19.71	12.14	N/A	N/A	-

Parameter	Spring Average	Fall Average	Objectives	Compliance Limits	Exceedance
(°C)					

"<" means values include results that were less than the laboratory's method detection limit

***Compliance Limits based on above mentioned ECA**

Note: ECA issued May 10, 2021.

Non-compliance with respect to the effluent concentration of Carbonaceous Biochemical Oxygen Demand (cBOD₅), Total Phosphorus (TP), Total Suspended Solids (TSS) and E.coli is deemed to have occurred when the seasonal average concentration of samples taken as part of routine sampling program exceeds the corresponding concentration set out above. pH limit is inclusive at all times.

Final Effluent is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film or sheen or foam or discolouration on the receiving waters.

Observe the maximum final effluent discharge rates in Schedule C;

Ensure that short-circuiting does not occur within the lagoon cell during the discharge of effluent;

Ensure that the volume discharge from the lagoon in relation to the flow in the receiver (as measured by the Water Survey of Canada Station #02EA018) is less than 1:50; Refer to Appendix B for tabulation of lagoon discharge volumes in relation to receiver flows.

The average concentrations for the above parameters were within the compliance limits specified in the ECA. More info available in *Appendix B*.

3.5 Seasonal Effluent

The ECA requires the minimum sampling consisting of collection and analysis of a minimum twice per week with minimum of five samples per seasonal discharge. Which means that one sample must be taken at beginning, at 25%, 50%, 75% drawdown and at end of discharge.

The total discharge from each cell is estimated and recorded by an established engineering technique based on the lagoon dimensions and drawdown measurements in order to calculate the effluent volumes. More info found in *Appendix B*.

The ponds are to be operated to provide two controlled discharges; spring: discharge commencing after the liquid surface in the lagoon has become substantially free of ice cover, continuing for not less than eighteen (18) days, terminating not later than June 30th, and using reasonable efforts to maximize the discharge rate to coincide with the spring freshet and elevated flows in the receiver and fall: discharge commencing not earlier than September 15th, continuing for not less than eighteen (18) days, terminating not later than November 30th.

Based on the above monitoring program, the sewage works provided adequate treatment, with a few instances where the objectives were not met.

4.0 OPERATING PROBLEMS & CORRECTIVE ACTIONS

The Burk's Falls Lagoons operated well in 2024. The Burk's Falls Lagoon met all limits outlined in the Compliance Limits Condition of Schedule C of ECA. There were no operational issues.

5.0 MAINTENANCE PROCEDURES PERFORMED ON THE WORKS

Routine maintenance schedules for Burks Falls Lagoon are entered in OCWA's computerized Workplace Management System (WMS). This is a comprehensive maintenance program that is based on a pro-active and preventive approach. This program includes but is not limited to running weekly, monthly, and annually checks as required or as recommended by manufacturer's instructions.

Significant maintenance and repairs performed in 2024:

- East Pumping Station new generator installed.
- wastewater collection system lines cleaned with them being CCTV inspected.

Refer to *Appendix D* for a complete summary of maintenance.

6.0 EFFLUENT QUALITY ASSURANCE & CONTROL MEASURES UNDERTAKEN

The following activities are included in regular operator and supervisory activities to assure the quality of the sewage treatment operations including effluent quality and flow monitoring data:

- Operational staff have current and appropriate level of certification for the operation of the facility and continue to learn and achieve knowledge of the process and equipment. Experienced staff has a high level of regulatory competence. New staff receives on-going training to achieve operational knowledge and regulatory competence.
- The pumping stations and the treatment lagoon are inspected by a certified operator regularly during the work week.
- In-house tests; pH, and temperature are conducted by licensed operators for monitoring purposes using standard methods for Water and Wastewater.
- Samples are collected as required and analyzed by Near North Laboratories located in North Bay, Ontario. Analysis of the samples is conducted in accordance with the Standard Council of Canada (SCC), in cooperation with the Canadian Association for Laboratory Accreditation Inc. (CALA). Quality control procedures are method specific and include laboratory duplicate samples, spiked blanks and spiked duplicates.

- A sampling system which includes an excel developed sample calendar, which is updated at the beginning of each year, and a chain of custody binder are used to ensure all samples are collected as per the requirements identified in the system's ECA.
- Operations and Compliance staff review facility round sheets and laboratory reports to monitor the routine operation of the treatment system and ensure compliance with the ECA.
- All process and laboratory data is logged in a process data management system.
- Routine maintenance is scheduled and tracked to completion using OCWA's Workplace Maintenance System (WMS). Instrumentation equipment is tested and maintained as per manufacturer's recommendations.
- Ferric Sulphate is added to the lagoon prior to discharge increase the settling of solids and help maintain pH levels.
- Any bypass, overflow or upset events that occur in the system are tested, monitored and reported to the local Health Unit and Spills Action Center (SAC) and local Health Unit.
- All flow and effluent quality data is reviewed by the Overall Responsible Operator and Compliance staff to identify any changes in concentrations and/or emerging trends. All non-compliances are reported to Ministry's Spills Action Center (SAC) and the local MECP inspector.

7.0 CALIBRATION & MAINTENANCE OF EFFLUENT MONITORING EQUIPMENT

Plant maintenance, including non-scheduled maintenance, is monitored using OCWA's Preventative Maintenance software program (WMS). Monitoring equipment is tested and calibrated based on the specifications outline in the ECA. Refer to Table 9 for a summary of calibrations conducted in 2023.

Table 9: Calibration Summary

Instrument	Calibration Date	Pass/Fail	Requirement
East SLS Raw Flow Meter	August 21, 2023	Pass	+/- 15%

8.0 EFFORTS MADE TO MEET EFFLUENT OBJECTIVES

The Effluent Design Objectives are those levels of performance that can be achieved by treatment processes treating normal strength municipal sewage under optimum conditions. A sewage treatment facility should be able to produce annual average effluent quality approximately equal to the Effluent Design Objectives, but should not exceed the Effluent

Compliance Limits. The objectives are used to promote continuous improvement in the operations of the works and to trigger corrective action before environmental impairment occurs.

OCWA uses a number of best efforts to achieve the *Effluent Objectives*.

Operational staff has current and appropriate level of certification for the operation of the facility and continue to learn and achieve knowledge of the process and equipment. New staff receives on-going training to achieve a high level of process knowledge and regulatory competence.

The mechanical elements in the facility are regularly inspected, well maintained and kept in good repair. OCWA uses a computerized maintenance management program which generates works orders to ensure maintenance of equipment is proactively performed.

Raw wastewater and effluent samples are collected as required and analyzed by Near North Laboratories, an accredited laboratory. OCWA reviews these results on a regular basis to ensure compliance with ECA objective and limits. Chemical and process adjustments can be made if results begin to increase.

In-house sampling and testing for operational parameters provides real time results which are used to enhance process and operational performance.

Operations, maintenance and emergency procedures are available to ensure facilities are operated in compliance with applicable legal instruments. Facility staff has access to a network of operational compliance and support experts at the region and corporate levels.

OCWA provides regular status reports to the Owner which discusses operational data, maintenance activities and capital improvements.

During this reporting period, the facility produced a quality effluent, meeting the seasonal average effluent objectives for all parameters.

Refer to Appendix A for the Monthly Process Data Report, which provides a summary of effluent data for the reporting period.

8.1 The design Objectives is achieved more than 50% of the time in a year

The design objectives that were not met all the times were TSS for 4 out of 14 samples; TP for 3 out of 14 samples. Therefore, TSS did not meet objective 29% of the time; TP did not meet objective 21% of the time in 2024. Therefore, the design objectives were achieved more than 50% of the time for all parameters in 2024. Due to the nature of the system, the only process adjustment that can be made is the amount of Ferric Sulphate used prior to discharge. In the future, content samples will continue to be analyzed and more Ferric Sulphate will be used prior



to discharge in an attempt to lower all parameters. 1800 IMPG of ferric was used in the Fall of 2024, which had better results. Next spring will aim to use approximately same amount. With seasonal averages being considered with objectives. The TSS and TP seasonal average did not meet the objective exactly 50% of the time. Other parameter seasonal averages met objective 100% of the time.

8.2 The Annual Average Daily Influent Flow Reaches 80% of the Rated Capacity

The Annual Average Daily Influent Flow was only 51.2% of the Rated Capacity.

9.0 SLUDGE GENERATION AND DISPOSAL

During the 2024 operating year, no sludge was removed. The Village has taken sludge measurements in lagoon cells. Tabulation of the sludge for the past few years actually shows that sludge levels are lower than previous years, until a slight rise in levels in Cell #1 and a slight decrease of Cell #2 in 2023. In 2023, the average level of Cell #1 was slightly higher than 2022, however, Cell #2 decreased when compared with the previous year. With an average sludge depth in Cell #1 of 6.25 inches and an average sludge depth in Cell #2 of 3.75 inches. The average level is determined by using twelve sampling points throughout each lagoon cell. Measurements are typically taken annually to ensure no excess sludge accumulation is taking place. It is anticipated that the sludge volume will remain approximately the same during future years.

10.0 COMPLAINTS

According to records maintained by OCWA, no complaints were received during the 2024 reporting period.

11.0 BYPASS, OVERFLOW, SPILL & ABNORMAL DISCHARGE EVENTS

There were no spills, bypasses, overflows, abnormal discharge events or any other situation outside of Normal Operating Conditions that occurred for the 2024 reporting year. This includes collection system overflows. There were no collection system overflows in 2024.

The North Sewage Lift Station pumps over to the West Pumping Station. The West Pumping Station pumps over to the East Sewage Lift Station. The East pumping station is the primary sewage lift station for this wastewater treatment system and all flows going to the lagoon pass through this station.

Any bypass from the sewage lift stations is defined as a “lagoon bypass” and is a reportable spill. In the event of very high sewage levels in the station wet well, each station is equipped with a

high level alarm set to illuminate a red light above the station to alert of a high well level condition.

The operators are familiar with the requirements to report all bypass incidents to the Ministry's Spills Action Centre (MECP SAC). The operators are further aware of the need to record the approximate volume and duration of all bypasses on the OCWA form and all relevant bypass particulars on the operation spills/bypass/leak report forms.

11.1 Efforts Made to Reduce System Overflows and Bypasses

The Burks Falls Sewage Treatment Lagoon has operated below its annual average rated capacity of 636 m³/day for the past several years.

In an effort to reduce and/or eliminate overflow, bypass and spill events and to confirm with Procedure F-5-1, the following are in place.

- Diesel standby generators at each of the lift station automatically switch over to standby power to provide power to operate the pumps in the event of a power failure.
- A SCADA system is used to accurately monitor the sewage network and an alarm system is in place at key points in the process and at the sewage pumping stations to alert operators of any issues; power failures, high levels, equipment failures, loss of communication and intrusion.
- Regular routine maintenance is performed to help reduce overflows/bypasses/spills events. For example: monthly generator tests to ensure the generator will start during a power failure and equipment will continue to operate normally, monthly alarm testing and equipment maintenance as outlined in the Maintenance Summary found in Appendix D.
- Repairs to the collection system are done promptly as issues occur.

12.0 NOTICE OF MODIFICATIONS ON SEWAGE WORKS

No notices required in 2024.

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

Annual generator maintenance completed by Val's Equipment. In addition, monthly tests completed, which ensures the lift stations remain functional during power outages. Thus, reducing chances for lift station overflows. Furthermore, lift station pumps are maintained and repaired as required to ensure proper operation. Please note, that the system does not have a history of bypass/overflow events due to the proper maintenance and operation of the system.



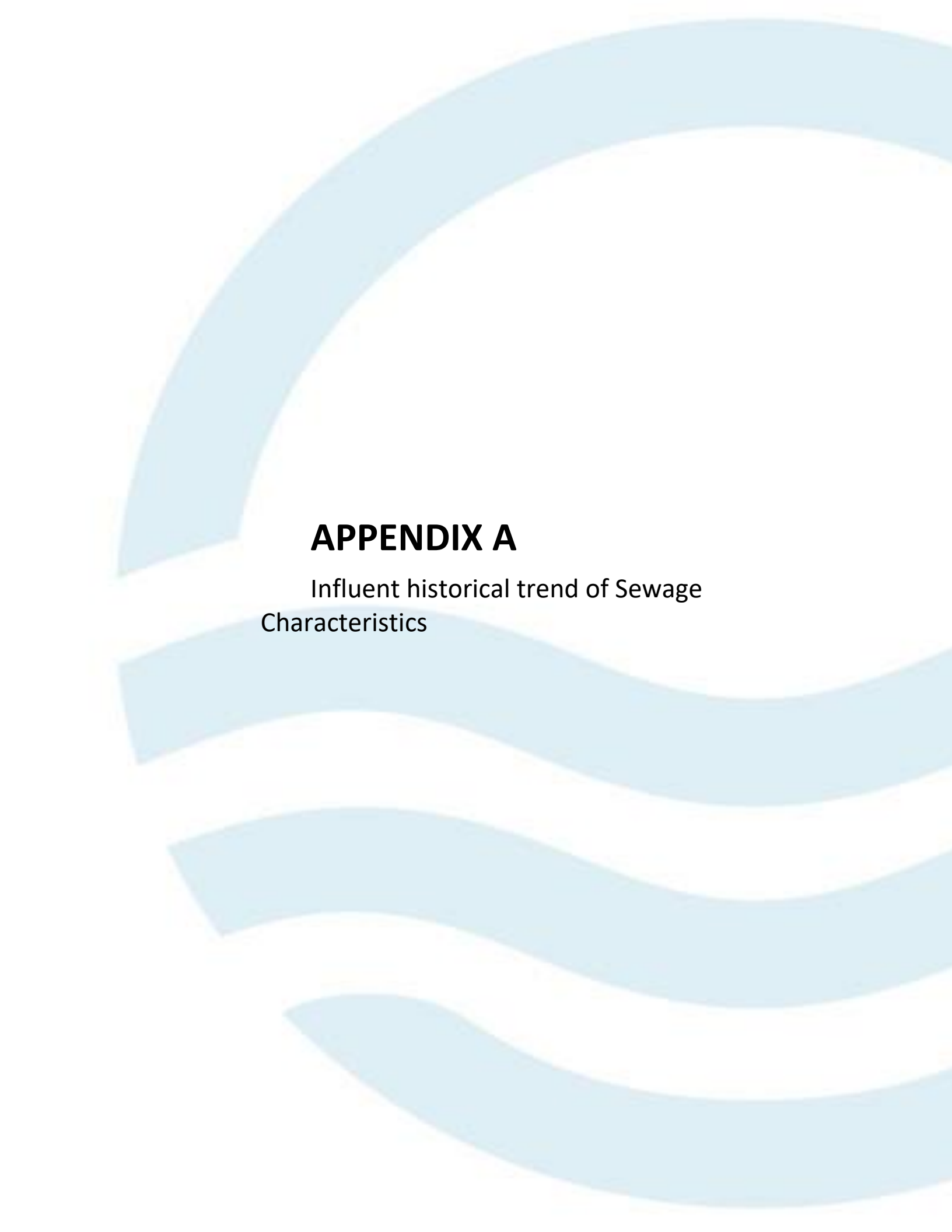
In conclusion, there is no budget forecasted to eliminate bypass/overflows because they are essentially eliminated with the current operation of the system.

12.0 A TABULATION OF HE LAGOON DISCHARGE VOLUMES IN RELATION TO THE RECEIVER FLOWS MEASURED BY WATER SURVEY OF CANADA STATION #02EA018

Refer to *Appendix B* for tabulation of lagoon discharge volumes in relation to receiver flows.

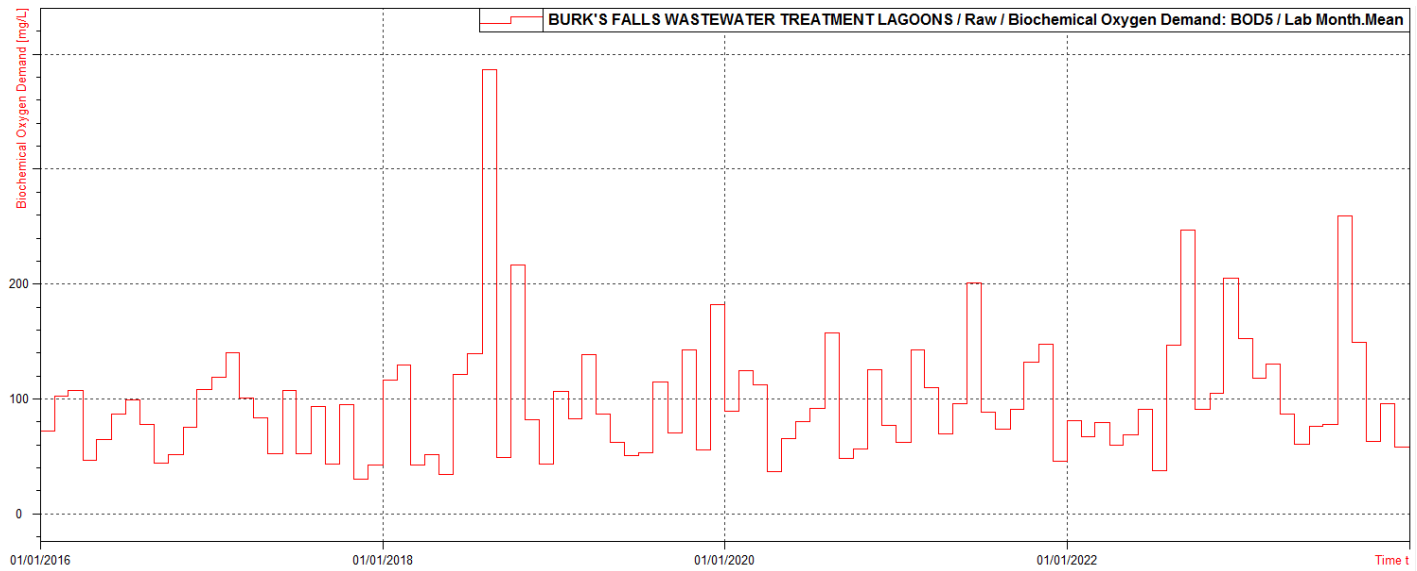
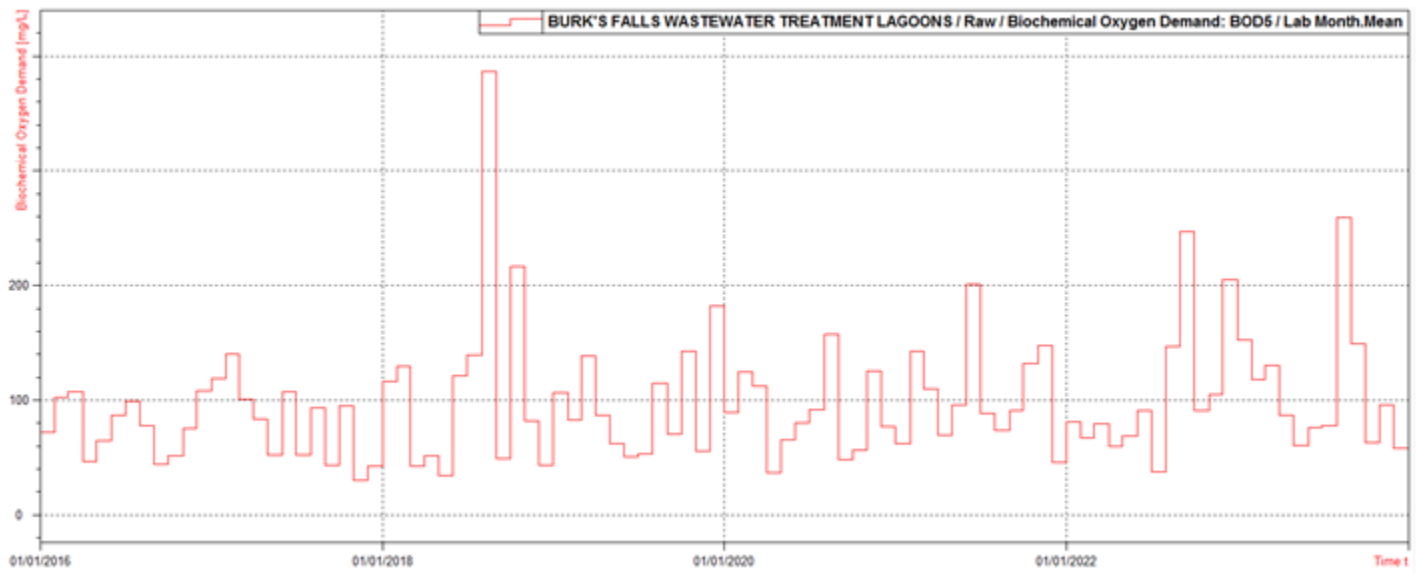
14.0 OTHER INFORMATION THE WATER SUPERVISOR REQUIRES FROM TIME TO TIME

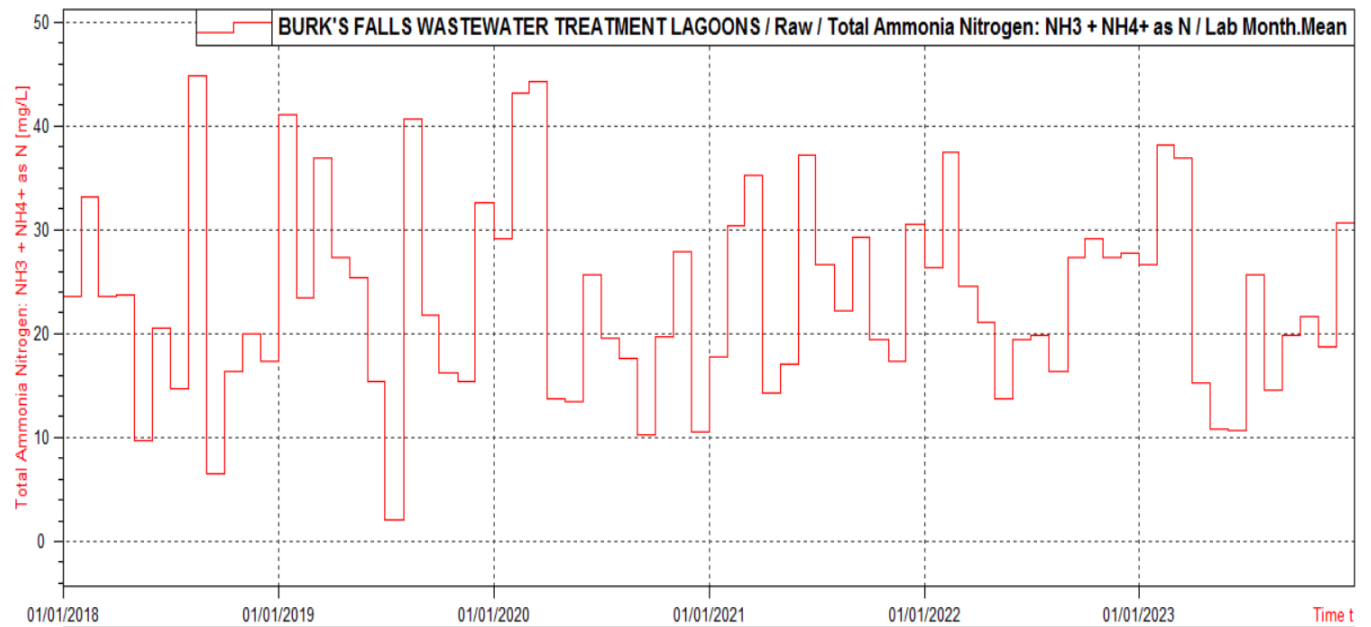
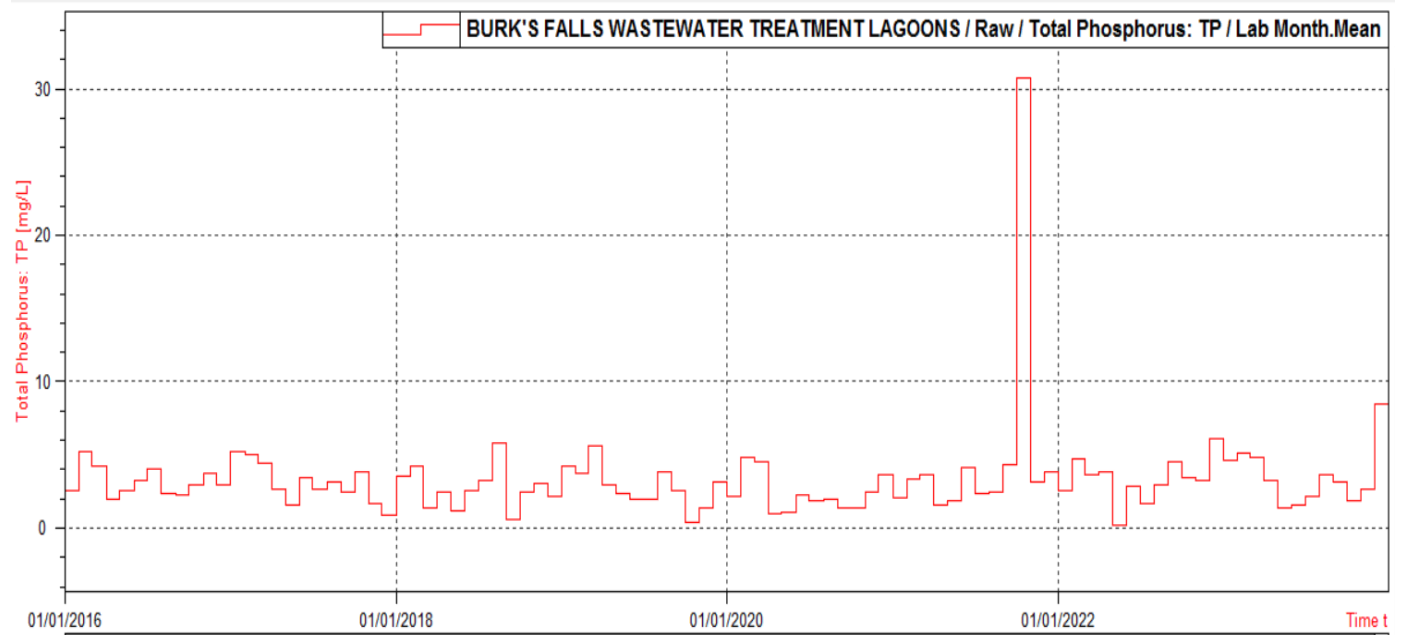
There is no information to add for 2024 – No lagoon inspections took place in 2024.

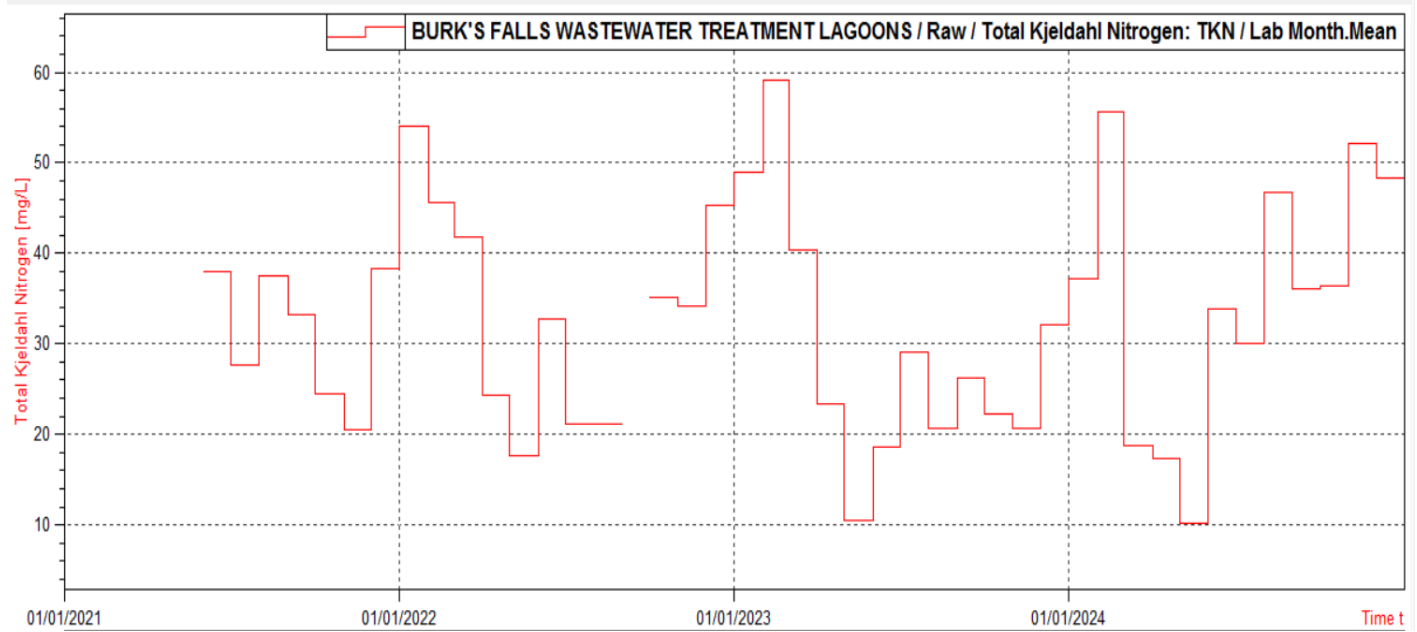


APPENDIX A

Influent historical trend of Sewage
Characteristics









APPENDIX B

Lagoon Release Reports

RELEASE REPORT FOR THE BURK'S FALLS LAGOON

ORG # 5725

SPRING RELEASE FOR YEAR 2024

TYPE OF SAMPLE	CELL	DATE COLLECTED	DATE RECEIVED	TSS mg/L	Field pH	Field Temp °C	TP mg/L	CBOD ₅ mg/L	Nitrite mg/L	Nitrate mg/L	TAN mg/L	Unionized Ammonia ug/L	TKN mg/L	H ₂ S if odour	Ecoli CFU/100m l
UNTREATED	1	02-Apr-24	02-Apr-24	47	7.4	8.2	3.36	16.0			11.1	44.7	10.1		10.0
	2														
TREATED	1	30-Apr-24	30-Apr-24	11.5	6.90	13.00	0.34	3.0			3.05	5.67	4.8		10.00
	2														

		DATE	DATE	TSS	Field pH	Field Temp	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
CELL #1 South	Start	13-May-24	14-May-24	13.5	7.00	17.00	0.29	4.0	0.10	2.6	1.84	5.82	3.2		10.00
DRAWDOWN	2nd Sample	16-May-24	16-May-24	15.6	7.05	18.00	0.41	3.0	0.09	2.5	1.83	1.83	4.6		10.00
at discharge chamber	3rd Sample	21-May-24	21-May-24	17.0	6.89	21.60	0.40	5.0	0.002	2.0	2.83	9.74	3.3		10.00
	4th Sample	23-May-24	23-May-24	4.5	6.80	20.00	0.40	4.0	0.07	1.7	3.07	7.65	4.9		10.00
	5th Sample	27-May-24	28-May-24	20.5	7.01	19.90	0.60	4.0	0.05	0.8	3.46	13.90	9.0		10.00
	6th Sample	30-May-24	30-May-24	12.5	7.00	16.50	0.53	5.0	0.04	0.5	6.95	21.20	7.1		10.00
	End	03-Jun-24	04-Jun-24	4.0	7.30	25.00	0.61	2.0	0.05	0.2	7.83	87.70	7.3		10.00

		DATE	DATE	TSS	Field pH	Field Temp	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
CELL #2 North															
DRAWDOWN															
at discharge chamber															

SOUTH CELL AVG CONC OVER DISCHARGE PERIOD

NORTH CELL AVG CONC OVER DISCHARGE PERIOD

AVG CONC BOTH CELLS OVER SPRING RELEASE

COMPLIACE CRITERIA

OBJECTIVE CRITERIA

TSS	Min pH (Field)	Max pH (Field)	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
12.5	6.80	7.30	0.46	3.9	0.1	1.5	3.97	21.12	5.6	#####	10.00
#DIV/0!	0.00	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#####	#NUM!
12.5	6.80	7.30	0.46	3.9	0.1	1.5	3.97	21.12	5.6	#####	10.00
25 mg/L	6.00	9.50	1.0 mg/L	20mg/L							200.00
20 mg/L	6.50	8.50	0.5 mg/L	15 mg/L							150.00

Averages calculated following WSER protocol.

NOTES/COMMENTS

Two Cell seasonal retention lagoon. Treated with ferric sulfate prior to release.

Cell #1 = Cell A = South Cell = $35,666 \text{ m}^2 \times 1.5 \text{ m depth} = 53,500 \text{ m}^3$

Cell #2 = Cell B = North Cell = $41,832 \text{ m}^2 \times 1.5 \text{ m depth} = 62,750 \text{ m}^3$

Spring: Discharge commencing after the liquid surface in the lagoon has become substantially free of ice cover, continuing for not less than eighteen (18) days, terminating not later than June 30th, and using reasonable efforts to maximize the discharge rate to coincide with the spring freshet and elevated flows in the receiver.

Objectives: operate within Rated Capacity ($636 \text{ m}^3/\text{d}$) ensure that the effluent from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film or sheen or foam or discoloration on the receiving waters. Parameter objectives noted above.

Compliance/Objective is based on Seasonal Average Concentrations. With the exception of field pH, which is single sample result.

A minimum of 5 samples are required from each discharging cell (at start, at 25%, at 50%, at 75% and at end)

WSER requirements: TSS is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER requirements: CBOD5 is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER Effluent limits: CBOD5 and TSS = Annual average of 25 mg/L

DATE RELEASE STARTED:

S. CELL#1

13-May-24

DATE RELEASE STOPPED:

03-Jun-24

of Discharge Days

22

Approximate Daily Flow (m^3/d)

2055.33

AMOUNT OF CHEMICAL USED (IMPG)

3000

VOLUME OF LAGOON DISCHARGE (m^3)

45,217

Treated on: April 24, 2024

DATE RELEASE STARTED:

N. CELL#2

DATE RELEASE STOPPED:

of Discharge Days

Approximate Daily Flow (m^3/d)

AMOUNT OF CHEMICAL USED (IMPG)

VOLUME OF LAGOON DISCHARGE (m^3)

The lagoons became ice free on:

02-Apr-24

Tot.# of Spring discharge days

TOTAL LAGOON EFFLUENT SPRING DISCHARGE :

Mag. River (Receiver Flow Rate as measured by WSCS #02EA018 (worst case) (inst. min per day)) (m ³ /s)	Conversion to m ³ /d (x 86400)	Ensure the volume of disch. in relation to receiver is less than 1:50 (/ 50) (if below D, verify true m ³ /d via site with APD)	Lagoon Discharge Flow Rate (m ³ /d)	Disch. Cell	Sample	Disch. Date	Cell #1 South theoretical discharge volume over 18 days = 53,500 / 18 = 2972.2 m ³ /d
6.42	554688	11093.76	1076.6	Cell #1	Yes	13-May-24	Cell #2 North theoretical discharge volume over 18 days = 62,750 / 18 = 3486.1 m ³ /d
5.66	489024	9780.48	2153.2	Cell #1		14-May-24	
5.64	487296	9745.92	2153.2	Cell #1		15-May-24	
5.52	476928	9538.56	2153.2	Cell #1	Yes	16-May-24	Approximate volume per day released 45217.2 / 21 = 2153.2/2 = 1076.6
5.37	463968	9279.36	2153.2	Cell #1		17-May-24	
5.13	443232	8864.64	2153.2	Cell #1		18-May-24	
4.83	417312	8346.24	2153.2	Cell #1		19-May-24	Cell #1 was measured at 9.5 inches from top of chamber at beginning, 76 inches at the end, for total drawdown of 66.5 inches or 5.54 feet at the discharge chamber. 8180 m ³ /foot. Total volume release = 45,217.2 m ³ , based on drawdown.
4.58	395712	7914.24	2153.2	Cell #1		20-May-24	
4.55	393120	7862.4	2153.2	Cell #1	Yes	21-May-24	
3.38	292032	5840.64	2153.2	Cell #1		22-May-24	Max Discharge Rate: 6360 m ³ /d
3.42	295488	5909.76	2153.2	Cell #1	Yes	23-May-24	
4.11	355104	7102.08	2153.2	Cell #1		24-May-24	
5.31	458784	9175.68	2153.2	Cell #1		25-May-24	
5.31	458784	9175.68	2153.2	Cell #1		26-May-24	
5.29	457056	9141.12	2153.2	Cell #1	Yes	27-May-24	
5.45	470880	9417.6	2153.2	Cell #1		28-May-24	
6.08	525312	10506.24	2153.2	Cell #1		29-May-24	
5.75	496800	9936	2153.2	Cell #1	Yes	30-May-24	
5.43	469152	9383.04	2153.2	Cell #1		31-May-24	
5.09	439776	8795.52	2153.2	Cell #1		01-Jun-24	
5.05	436320	8726.4	2153.2	Cell #1		02-Jun-24	
4.64	400896	8017.92	1076.6	Cell #1	Yes	03-Jun-24	

RELEASE REPORT FOR THE BURK'S FALLS LAGOON

ORG # 5725

FALL RELEASE FOR YEAR 2024

TYPE OF SAMPLE	CELL	DATE COLLECTED	DATE RECEIVED	TSS mg/L	Field pH	Field Temp °C	TP mg/L	CBOD ₅ mg/L	Nitrite mg/L	Nitrate mg/L	TAN mg/L	Unionized Ammonia ug/L	TKN mg/L	H ₂ S if odour	Ecoli CFU/100m l
UNTREATED	1														
	2	09-Sep-24	10-Sep-24	78	9.58	17.9	2.36	7.0				175.00	10.0		>2000
TREATED	2	01-Oct-24	01-Oct-24	32.4	7.60	18.20	0.31	5.0				25.90	2.5		<10
	2	15-Oct-24	15-Oct-24	22	7.90	12.00									
	1														

		DATE	DATE	TSS	Field pH	Field Temp	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
CELL #1 South	Start														
DRAWDOWN	2nd Sample														
at discharge chamber	3rd Sample														
	4th Sample														
	5th Sample														
	6th Sample														
	End														

		DATE	DATE	TSS	Field pH	Field Temp	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
CELL #2 North	Start	22-Oct-24	22-Oct-24	12.2	8.45	13.20	0.15	4.00	<MDL	<MDL	0.12	7.54	1.7		10.00
DRAWDOWN	2nd Sample	24-Oct-24	24-Oct-24	13.3	8.10	14.00	0.17	4.00	<MDL	<MDL		2.47	2.0		10.00
at discharge chamber	3rd Sample	29-Oct-24	29-Oct-24	17.5	8.30	10.40	0.23	4.00	<MDL	0.08	0.20	7.37	3.4		10.00
	4th Sample	31-Oct-24	31-Oct-24	18.9	8.00	14.00	0.21	4.00	<MDL	0.07	0.24	5.92	3.0		10.00
	5th Sample	04-Nov-24	05-Nov-24	29	8.50	10.40	0.40	9.00	<MDL	0.08		21.70	3.1		10.00
	6th Sample	07-Nov-24	07-Nov-24	15.1	8.30	12.00	0.22	7.00	<MDL	0.08		11.20	4.4		10.00
	End	12-Nov-24	12-Nov-24	22.1	8.20	11.00	0.25	6.00	0.01	0.09		22.20	2.8		11.00

SOUTH CELL AVG CONC OVER DISCHARGE PERIOD
NORTH CELL AVG CONC OVER DISCHARGE PERIOD
AVG CONC BOTH CELLS OVER SPRING RELEASE
COMPLIACE CRITERIA
OBJECTIVE CRITERIA

TSS	Min pH (Field)	Max pH (Field)	TP	CBOD ₅	Nitrite	Nitrate	TAN	Unionized Ammonia	TKN	H ₂ S	Ecoli
#DIV/0!	0.00	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#####	#NUM!
18.30	8.00	8.50	0.23	5.4	0.0	0.1	0.19	11.20	2.9	#####	10.14
18.3	8.00	8.50	0.23	5.4	0.0	0.1	0.19	11.20	2.9	#####	10.14
25 mg/L	6.00	9.50	1.0 mg/L	20mg/L							200.00
20 mg/L	6.50	8.50	0.5 mg/L	15 mg/L							150.00

NOTES/COMMENTS

Averages calculated following WSER protocol.

Two Cell seasonal retention lagoon. Treated with ferric sulfate prior to release.

Cell #1 = Cell A = South Cell = $35,666 \text{ m}^2 \times 1.5 \text{ m depth} = 53,500 \text{ m}^3$

Cell #2 = Cell B = North Cell = $41,832 \text{ m}^2 \times 1.5 \text{ m depth} = 62,750 \text{ m}^3$

Spring: Discharge commencing after the liquid surface in the lagoon has become substantially free of ice cover, continuing for not less than eighteen (18) days, terminating not later than June 30th, and using reasonable efforts to maximize the discharge rate to coincide with the spring freshet and elevated flows in the receiver.

Objectives: operate within Rated Capacity ($636 \text{ m}^3/\text{d}$) ensure that the effluent from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film or sheen or foam or discoloration on the receiving waters. Parameter objectives noted above.

Compliance/Objective is based on Seasonal Average Concentrations. With the exception of field pH, which is single sample result.

A minimum of 5 samples are required from each discharging cell (at start, at 25%, at 50%, at 75% and at end)

WSER requirements: TSS is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER requirements: CBOD5 is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER Effluent limits: CBOD5 and TSS = Annual average of 25 mg/L

DATE RELEASE STARTED:

S. CELL#1

DATE RELEASE STOPPED:

of Discharge Days

Approximate Daily Flow (m^3/d)

AMOUNT OF CHEMICAL USED (IMPG)

VOLUME OF LAGOON DISCHARGE (m^3)

Treated on:

DATE RELEASE STARTED:

N. CELL#2

22-Oct-24

DATE RELEASE STOPPED:

of Discharge Days

Approximate Daily Flow (m^3/d)

AMOUNT OF CHEMICAL USED (IMPG)

1800

VOLUME OF LAGOON DISCHARGE (m^3)

Treated on: September 24, 2024

The lagoons became ice free on:

Tot.# of Fall discharge days

TOTAL LAGOON EFFLUENT SPRING DISCHARGE :

Mag. River (Receiver Flow Rate as measured by WSCS #02EA018 (worst case) (inst. min per day)) (m ³ /s)	Conversion to m ³ /d (x 86400)	Ensure the volume of disch. in relation to receiver is less than 1:50 (/ 50) (if below D, verify true m ³ /d via site with APD)	Lagoon Discharge Flow Rate (m ³ /d)	Disch. Cell	Sample	Disch. Date	
1.74	150336	3006.72	1141.69	Cell #2	Y	Oct-22-24	Cell #1 South theoretical discharge volume over 18 days = 53,500 / 18 = 2972.2 m ³ /d
1.75	151200	3024	2283.38	Cell #2		Oct-23-24	
1.80	155520	3110.4	2283.38	Cell #2	Y	Oct-24-24	Cell #2 North theoretical discharge volume over 22 days = 62,750 / 21 = 3079.54 m ³ /d
1.78	153792	3075.84	2283.38	Cell #2		Oct-25-24	
1.76	152064	3041.28	2283.38	Cell #2		Oct-26-24	
1.75	151200	3024	2283.38	Cell #2		Oct-27-24	Approximate volume per day released 45217.2 / 21 = 2153.2/2 = 1076.6
1.72	148608	2972.16	2283.38	Cell #2		Oct-28-24	
1.68	145152	2903.04	2283.38	Cell #2	Y	Oct-29-24	Cell #2 measured to be 98
1.62	139968	2799.36	2283.38	Cell #2		Oct-30-24	inches to bottom at chamber
1.68	145152	2903.04	2283.38	Cell #2	Y	Oct-31-24	Cell #2 measured to start 9
2.26	195264	3905.28	2283.38	Cell #2		Nov-01-24	inches from top of chamber (full)
2.61	225504	4510.08	2283.38	Cell #2		Nov-02-24	Total drawdown if emptied: 89
2.87	247968	4959.36	2283.38	Cell #2		Nov-03-24	inches or 7.42 feet
2.97	256608	5132.16	2283.38	Cell #2	Y	Nov-04-24	Which equals 8457 m ³ /foot
3.73	322272	6445.44	2283.38	Cell #2		Nov-05-24	Cell #2 release stopped at 77
4.87	420768	8415.36	2283.38	Cell #2		Nov-06-24	inches from top of chamber
5.95	514080	10281.6	2283.38	Cell #2	Y	Nov-07-24	77-9 = 68 inches discharged or 5.67 ft.
6.44	556416	11128.32	2283.38	Cell #2		Nov-08-24	5.67 feet x 8457 m ³ /foot = 47,951 m ³
6.96	601344	12026.88	2283.38	Cell #2		Nov-09-24	Approximate volume per day
6.69	578016	11560.32	2283.38	Cell #2		Nov-10-24	released
6.55	565920	11318.4	2283.38	Cell #2		Nov-11-24	47951 / 21 = 2283.38/2 = 1141.69
6.71	579744	11594.88	1141.69	Cell #2	Y	Nov-12-24	

Max Discharge Rate:
6360 m³/d

Max Discharge Rate: 6360 m3/d
22 Days



APPENDIX C

Raw (Influent) Sample Data

Customized Monthly Report

From 01/01/2024 to 12/31/2024

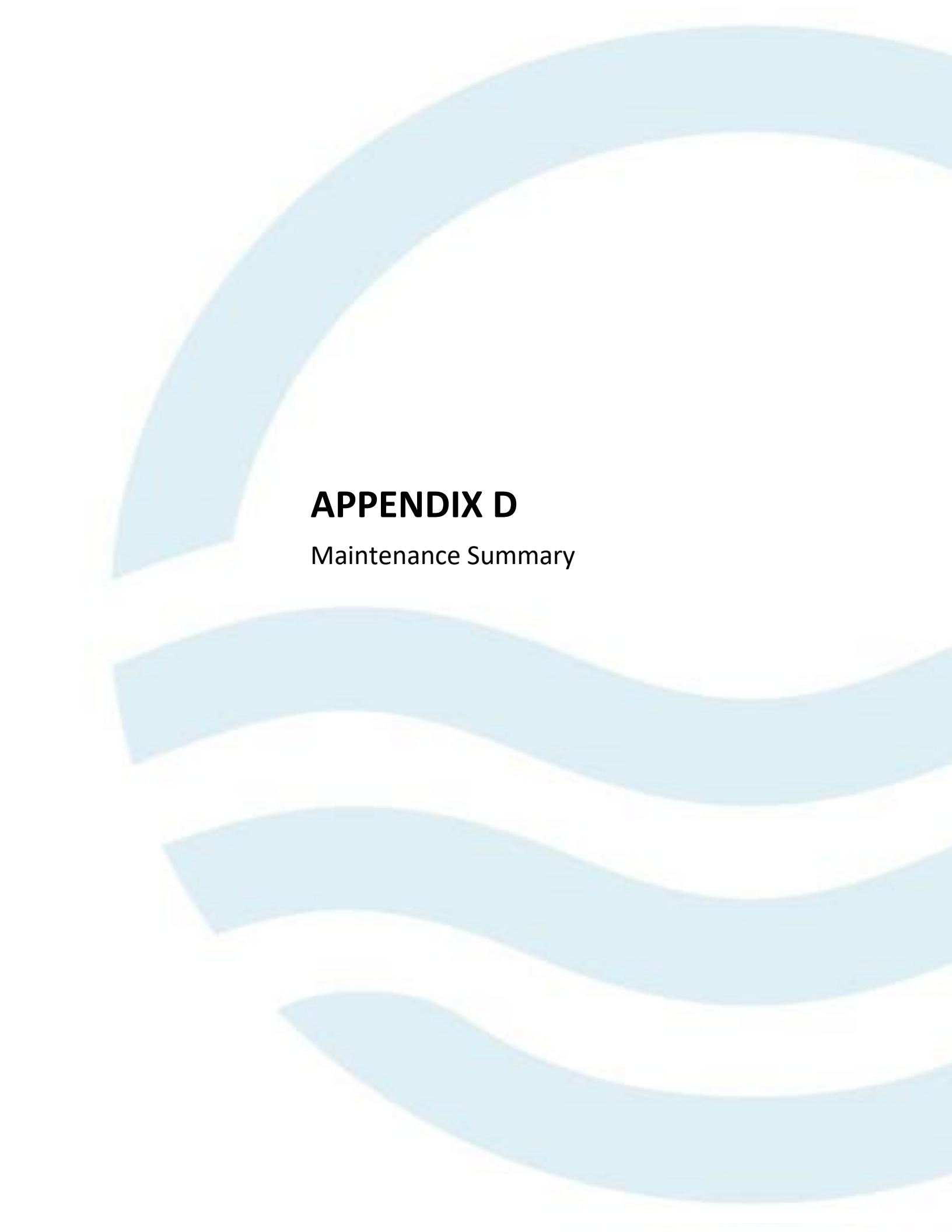
Facility Name: BURK'S FALLS WASTEWATER
TREATMENT LAGOONS
Receiver: South Branch of the Magnetawan River

Facility Org Number: 5725
Facility Owner: Corporation/Company: The
Corporation of the Municipality of Burk's
FallsMunicipality: Burk's Falls
Service Population: 900

Works: 110001426
Facility Classification: Class 1 Wastewater Treatment
Total Design Capacity: 682 m3/day



														2024			
Raw		Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Total	Avg	Max	Min
	Biochemical Oxygen Demand: BOD5 - mg/L																
	Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Month.Max	139.00	103.00	51.00	62.00	52.00	317.00	113.00	125.00	113.00	88.00	138.00	164.00			317.00	
	Lab Month.Mean	139.00	103.00	51.00	62.00	52.00	317.00	113.00	125.00	113.00	88.00	138.00	164.00		122.08		
	Lab Month.Min	139.00	103.00	51.00	62.00	52.00	317.00	113.00	125.00	113.00	88.00	138.00	164.00				51.00
	Flow - m³/d																
	IH Edited Count	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			
	IH Month.Max	345.20	620.30	799.30	892.30	381.20	632.20	352.50	367.50	333.70	313.00	365.50	615.10			892.30	
	IH Month.Mean	292.13	318.99	438.42	446.16	325.02	320.62	311.78	285.32	287.66	277.62	297.80	304.24		325.38		
	IH Month.Min	262.50	273.90	331.40	322.80	297.50	280.70	266.80	256.30	258.80	245.50	261.90	251.30				245.50
	IH Month.Total	9056.00	9250.80	13590.90	13384.70	10075.60	9618.60	9665.20	8844.90	8629.80	8606.30	8933.90	9431.30	119088.00			
	Total Ammonia Nitrogen: NH3 + NH4+ as N - mg/L																
	Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Month.Max	34.90	40.40	13.20	14.50	16.90	30.40	28.00	35.40	29.90	36.00	31.90	37.00			40.40	
	Lab Month.Mean	34.90	40.40	13.20	14.50	16.90	30.40	28.00	35.40	29.90	36.00	31.90	37.00		29.04		
	Lab Month.Min	34.90	40.40	13.20	14.50	16.90	30.40	28.00	35.40	29.90	36.00	31.90	37.00				13.20
	Total Kjeldahl Nitrogen: TKN - mg/L																
	Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Month.Max	37.20	55.60	18.80	17.40	10.20	33.80	30.10	46.80	36.10	36.40	52.10	48.30			55.60	
	Lab Month.Mean	37.20	55.60	18.80	17.40	10.20	33.80	30.10	46.80	36.10	36.40	52.10	48.30		35.23		
	Lab Month.Min	37.20	55.60	18.80	17.40	10.20	33.80	30.10	46.80	36.10	36.40	52.10	48.30				10.20
	Total Phosphorus: TP - mg/L																
	Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Month.Max	3.81	4.48	1.45	2.16	2.11	6.22	3.61	6.61	4.98	4.35	4.85	5.30			6.61	
	Lab Month.Mean	3.81	4.48	1.45	2.16	2.11	6.22	3.61	6.61	4.98	4.35	4.85	5.30		4.16		
	Lab Month.Min	3.81	4.48	1.45	2.16	2.11	6.22	3.61	6.61	4.98	4.35	4.85	5.30				1.45
	Total Suspended Solids: TSS - mg/L																
	Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			
	Lab Month.Max	90.00	94.00	77.00	54.00	79.70	427.00	102.00	175.00	112.00	77.80	142.00	144.00			427.00	
	Lab Month.Mean	90.00	94.00	77.00	54.00	79.70	427.00	102.00	175.00	112.00	77.80	142.00	144.00		131.21		
	Lab Month.Min	90.00	94.00	77.00	54.00	79.70	427.00	102.00	175.00	112.00	77.80	142.00	144.00				54.00



APPENDIX D

Maintenance Summary

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3726402			5725, Burk's Falls WWTL	OPER	Inspection	1	YEARS	Daily O&M Activities (1y) 5725	COMP	1/1/24 12:00 AM	1/10/25 02:45 PM	1/10/25 02:45 PM	Daily O&M Activities (1y) 5725 - Daily O&M Activities (1y) 5725 year end 2024 complete.
3726407			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:32 PM	2/1/24 02:32 PM	
3726451			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:33 PM	2/1/24 02:33 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on Jan 17, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
3726490			5725, Burk's Falls WWTL	OPER	Health and Safety	1	YEARS	WHMIS/MSDS/NSF Review And Update (1y) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:35 PM	2/1/24 02:35 PM	WHMIS/MSDS/NSF Review And Update (1y) 5725 - WHMIS/MSDS/NSF Review And Update (1y) 5725 completed by Burk's Fall Operator on Jan 17, 2024.
3727120			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:36 PM	2/1/24 02:36 PM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; Jan 17, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3727125	0000086411	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:38 PM	2/1/24 02:38 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Jan 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level full. Start Hours 2.1 - Stop Hours 3.0.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3727141	0000086435	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:40 PM	2/1/24 02:40 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Jan 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 109.8 - Stop Hours 111.0.
3727176	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:41 PM	2/1/24 02:41 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Jan 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 1177.6 - Stop Hours 1178.7.
3727192	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:45 PM	2/1/24 02:45 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall operator on Jan 15, 2024. Lagoon berms in good condition. Issolation valve in good condition and holding.
3727212	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:47 PM	2/1/24 02:47 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Jan 15, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3732298			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	1/1/24 12:00 AM	2/1/24 02:25 PM	2/1/24 02:25 PM	WISKI Review (1m) 5725 - WISKI Review (1m) For December 2021 was completed on Jan 12, 2022 by Don Michaud. All data entered into WISKI, and Work Orders Closed off.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3779141			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:27 PM	3/11/24 01:27 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on Feb 28, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
3779185			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:29 PM	3/11/24 01:29 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on Feb 28, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
3779210			5725, Burk's Falls WWTL	OPER	Health and Safety	1	YEARS	OCWA Annual Workplace Inspection (1y) 5725	CLOSE	2/1/24 12:00 AM	5/16/24 03:02 PM	5/16/24 03:02 PM	OCWA Annual Workplace Inspection (1y) 5725 -OCWA Annual Workplace Inspection (1y) 5725 Completed on May 16, 2024 by Don Michaud and Derek Smith.
3779615			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:30 PM	3/11/24 01:30 PM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; Feb 28, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3779620	0000086411	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:33 PM	3/11/24 01:33 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Feb 28, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 3.0 - Stop Hours 5.2.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3779636	0000086435	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:35 PM	3/11/24 01:35 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Feb 28, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 111.0 - Stop Hours 114.3.
3779670	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:40 PM	3/11/24 01:40 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Feb 28, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 1/2. Start Hours 1178.7 - Stop Hours 1182.1.
3779686	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:41 PM	3/11/24 01:41 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 completed by Burk's Fall Operator on Feb 5, 2024.
3779696	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 01:42 PM	3/11/24 01:42 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725 completed by Burk's Fall Operator on Feb 5, 2024.
3782959			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	2/1/24 12:00 AM	3/11/24 10:37 AM	3/11/24 10:37 AM	WISKI Review (1m) 5725 - WISKI Review (1m) 5725 Data for Feb 2024 was entered by Don Michaud on March 6, 2024. All Lab Data entered ok.
3822501			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:29 PM	4/3/24 01:29 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on March 19, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3822555			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:31 PM	4/3/24 01:31 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on March 19, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
3823008			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:32 PM	4/3/24 01:32 PM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; March 19, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3823013	0000086411	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:34 PM	4/3/24 01:34 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on March 19, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 3/4. Start Hours 5.2 - Stop Hours 6.1.
3823029	0000086435	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:36 PM	4/3/24 01:36 PM	
3823058	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:37 PM	4/3/24 01:37 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on March 19, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 1/2. Start Hours 1182.1 - Stop Hours 1183.0.
3823074			5725, Burk's Falls WWTL	PM	Inspection	1	YEARS	Electrical Equipment Inspection/ Service (1y) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:38 PM	4/3/24 01:38 PM	Electrical Equipment Inspection/ Service (1y) 5725 - Electrical Equipment Inspection/ Service (1y) 6639. Performed by Burk's Fall Operator on March 25, 2024. No ESA inspection perform at this site on an annual basis.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3823084	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:40 PM	4/3/24 01:40 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on March 19, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3823094	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:41 PM	4/3/24 01:41 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on March 19, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3826446			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	3/1/24 12:00 AM	4/3/24 01:43 PM	4/3/24 01:43 PM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on April 3, 2024 by Don Michaud. All values were checked and entered. Lab data entries were verified. Work Orders Closed Off.
3868641			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:46 AM	5/14/24 10:46 AM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on April 16, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
3868685			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:47 AM	5/14/24 10:47 AM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on April 16, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3869139			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:48 AM	5/14/24 10:48 AM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; April 16, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3869144	0000086411	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:50 AM	5/14/24 10:50 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on April 16, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level full. Start Hours 6.7 - Stop Hours 8.2.
3869160	0000086435	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:52 AM	5/14/24 10:52 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on April 16, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level full. Start Hours 115.8 - Stop Hours 117.1.
3869194	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:53 AM	5/14/24 10:53 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on April 16, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level full. Start Hours 1183.4 - Stop Hours 1187.1.
3869217	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:54 AM	5/14/24 10:54 AM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on April 16, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3869231	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:55 AM	5/14/24 10:55 AM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on April 16, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3873851			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	4/1/24 12:00 AM	5/14/24 10:58 AM	5/14/24 10:58 AM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on May 13, 2024 by Don Michaud. All values were checked and entered. Lab data entries were verified. April 14, 2024 Work Orders Closed Off.
3900054			5725, Burk's Falls WWTL	OPER	Predictive Maintenance	0		Burk's Falls Spring 2024 Lagoon Treatment	CLOSE		5/1/24 09:05 AM	5/1/24 09:05 AM	Order Details - KEMIRA PIX-312 BULK 2,421.56 Dry Kg 6.7600 CAD/DKG CN code: 2833290000 Net weight: 19,513.000 KG Gross weight: 19,513.000 KG 12.41 % Fe Delivery no / Date:86165839 / 04/23/2024 UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Ferric sulfate), 8, PGIII, RQ Country of Origin: CA
3921244			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:41 PM	7/2/24 01:41 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on May 14, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3921288			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:42 PM	7/2/24 01:42 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on May 14, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
3921743			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:43 PM	7/2/24 01:43 PM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; May 14, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3921748	0000086411	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	5/1/24 12:00 AM	7/15/24 10:47 AM	7/15/24 10:47 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1m) 5725 completed on May 14, 2024 by Burk's Fall Operator.
3921766	0000086435	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:45 PM	7/2/24 01:45 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1m) 5725 completed on May 14, 2024 by Burk's Fall Operator.
3921795	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:46 PM	7/2/24 01:46 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1m) 5725 completed on May 14, 2024 by Burk's Fall Operator.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3921811	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:48 PM	7/2/24 01:48 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 -Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on May 6, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3921821	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 01:49 PM	7/2/24 01:49 PM	
3924874			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	5/1/24 12:00 AM	7/2/24 08:17 AM	7/2/24 08:17 AM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on June 24, 2024 by Don Michaud. All values were checked and entered. Lab data entries were verified. WISKI Graphs corrected.
3969104			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:49 AM	7/15/24 10:49 AM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on June 18, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
3969137			5725, Burk's Falls WWTL	PM	Health and Safety	1	YEARS	Fire Protection System Inspection (1y) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:51 AM	7/15/24 10:51 AM	Fire Protection System Inspection (1y) 5725 - Fire Protection System Inspection (1y) 5725 completed by Burk's Fall Operator on June 27, 2024.
3969197			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:52 AM	7/15/24 10:52 AM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on June 18, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3969724			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:54 AM	7/15/24 10:54 AM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; June 18, 2024. Station trending also checked remotely on regular basis by OCWA operator.
3969779	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:57 AM	7/15/24 10:57 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on June 18, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level ok.
3969825	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:58 AM	7/15/24 10:58 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on June 18, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level ok.
3969864	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:59 AM	7/15/24 10:59 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on June 18, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level ok.
3969885	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 11:00 AM	7/15/24 11:00 AM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on June 05, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3969895	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 11:01 AM	7/15/24 11:01 AM	
3969933			5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	YEARS	Tank Inspection (1y) 5725	COMP	6/1/24 12:00 AM	12/10/24 01:49 PM	12/10/24 01:49 PM	Tank Inspection (1y) 5725 - Tank Inspection (1y) 5725, completed for 2024.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3973249			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	6/1/24 12:00 AM	7/15/24 10:46 AM	7/15/24 10:46 AM	
3976670	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	YEARS	Diesel Generator Inspection/ Functional Test (1y) 5725	COMP	6/1/24 12:00 AM	12/10/24 01:55 PM	12/10/24 01:55 PM	Diesel Generator Inspection/ Functional Test (1y) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual Maintenance performed by Val's Equipment technician on Nov 4, 2024.
3976682	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	YEARS	Diesel Generator Inspection/ Functional Test (1y) 5725	COMP	6/1/24 12:00 AM	12/10/24 01:56 PM	12/10/24 01:56 PM	Diesel Generator Inspection/ Functional Test (1y) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual Maintenance performed by Val's Equipment technician on Nov 4, 2024.
3976699	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	YEARS	Diesel Generator Inspection/ Functional Test (1y) 5725	COMP	6/1/24 12:00 AM	12/10/24 01:57 PM	12/10/24 01:57 PM	Diesel Generator Inspection/ Functional Test (1y) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual Maintenance performed by Val's Equipment technician on Nov 4, 2024.
4017501			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:18 PM	9/4/24 01:18 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on July 16, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
4017545			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:19 PM	9/4/24 01:19 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on July 16, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4018002			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:25 PM	9/4/24 01:25 PM	TPM Inspection/Maintenance (1m) 5725 - Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; July 16, 2024. Note: Pump #2 at West Station running longer than Pump #1 to drop down sewage level; Therefore, Pump currently shutdown and scheduled to be pulled and sent to Industrial Motors for repair.
4018007	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:28 PM	9/4/24 01:28 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on July 16, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours - 9.3 Stop Hours - 9.7.
4018023	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:29 PM	9/4/24 01:29 PM	
4018052	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:30 PM	9/4/24 01:30 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on July 16, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours - 1194.7 Stop Hours - 1195.2.
4018068	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:32 PM	9/4/24 01:32 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on July 16, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4018078	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	7/1/24 12:00 AM	9/4/24 01:33 PM	9/4/24 01:33 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on July 16, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4021582			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	7/1/24 12:00 AM	8/27/24 03:28 PM	8/27/24 03:28 PM	WISKI Review (1m) 5725 - WISKI Review (1m) 5725, On August 27, 2024 Don Michaud Entered Sewage Flows for July 2024.
4049943	0000126940	METER FLOW BURK'S FALLS WWTP. AT EAST PS. DRY WELL	5725, Burk's Falls WWTL	PM	Calibration	1	YEARS	Meter Flow Burk's Falls WWTP Calibration (1y) 5725	CLOSE	8/28/24 12:00 AM	8/14/24 02:00 PM	8/15/24 03:30 PM	Burks Falls WWTP Flow Meter Calibration - Performed annual calibration verification for the Young Street SPS Flow Meter.
4066198			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:28 AM	9/17/24 11:28 AM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Low Chlorine Alarm Testing/Lockout Performed On August 14, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK, and Lockout activated OK.
4066242			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:30 AM	9/17/24 11:30 AM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on August 14, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4066675			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:33 AM	9/17/24 11:33 AM	TPM Inspection/Maintenance (1m) 5725 - Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; August 14, 2024. Note: Pump #2 at West Station running longer than Pump #1 to drop down sewage level; Therefore, Pump currently shutdown and scheduled to be pulled and sent to Industrial Motors for repair.
4066680	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:35 AM	9/17/24 11:35 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on August 14, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 10.0 - Stop Hours 10.8.
4066696	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:36 AM	9/17/24 11:36 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on August 14, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 122.2 - Stop Hours 123.0.
4066725	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:37 AM	9/17/24 11:37 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on August 14, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 5/8. Start Hours 1201.1 - Stop Hours 1202.1.
4066741	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:39 AM	9/17/24 11:39 AM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on August 12, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4066751	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:40 AM	9/17/24 11:40 AM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on August 12, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4069497			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	8/1/24 12:00 AM	9/17/24 11:43 AM	9/17/24 11:43 AM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on Sept 17, 2024 by Don Michaud. All values were checked and entered. Lab data entries were verified. Work Orders Closed Off.
4112635			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:09 PM	10/28/24 01:09 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on Sept 10, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
4112689			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:11 PM	10/28/24 01:11 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on Sept 10, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
4113155			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:14 PM	10/28/24 01:14 PM	TPM Inspection/Maintenance (1m) 5725 - Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; Sept 10, 2024. Note: Pump #2 at West Station running longer than Pump #1 to drop down sewage level; Therefore, Pump currently shutdown and scheduled to be pulled and sent to Industrial Motors for repair.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4113160	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:19 PM	10/28/24 01:19 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Sept 10, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 11.0 - Stop Hours 11.8.
4113176	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:21 PM	10/28/24 01:21 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Sept 10, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 123.1 - Stop Hours 123.7.
4113212	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	CLOSE	9/1/24 12:00 AM	10/28/24 01:22 PM	10/28/24 01:22 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Sept 10, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 1202.1- Stop Hours 1202.1.
4113228	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	CLOSE	9/1/24 12:00 AM	10/29/24 03:10 PM	10/29/24 03:10 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Sept 9, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4113238	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	CLOSE	9/1/24 12:00 AM	10/29/24 03:12 PM	10/29/24 03:12 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Sept 9, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4116208			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	CLOSE	9/1/24 12:00 AM	10/25/24 10:22 AM	10/25/24 10:22 AM	WISKI Review (1m) 5725 - WISKI Review (1m) For September 2024 was completed on October 25, 2024 by Don Michaud. All data entered into WISKI, and Work Orders Closed off.
4144590			5725, Burk's Falls WWTL	OPER	Predictive Maintenance	0		Burk's Falls Fall 2024 Lagoon Treatment	CLOSE		10/2/24 09:47 AM	10/2/24 09:47 AM	Burk's Falls Fall 2024 Lagoon Treatment - Treated back cell with 8 loads of ferric. TF sept 24/25 Ferric Sulphate Order Details -KEMIRA PIX-312 BULK 1,571.42 Dry Kg 6.7600 CAD/DKG CN code: 2833290000 Net weight: 12,683.000 KG Gross weight: 12,683.000 KG 12.39 % Fe Delivery no / Date:86282555 / 09/23/2024 UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Ferric sulfate), 8, PGIII, RQ Country of Origin: CA
4162166			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:35 AM	11/20/24 09:35 AM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on October 17, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
4162210			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:36 AM	11/20/24 09:36 AM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on October 17, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4162662			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:39 AM	11/20/24 09:39 AM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; October 17, 2024. Station trending also checked remotely on regular basis by OCWA operator. Note: West station pump as been rebuilt and ready for installation.
4162667	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:41 AM	11/20/24 09:41 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on October 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 11.8 - Stop Hours 12.6.
4162683	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:42 AM	11/20/24 09:42 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on October 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 123.7 - Stop Hours 124.1.
4162712	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:43 AM	11/20/24 09:43 AM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on October 17, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level Full. Start Hours 1202.8 - Stop Hours 1203.5.
4162728	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:45 AM	11/20/24 09:45 AM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on October 22, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4162735	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	COMP	10/1/24 12:00 AM	11/20/24 09:46 AM	11/20/24 09:46 AM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on October 22, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4166739			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	COMP	10/1/24 12:00 AM	11/18/24 11:35 AM	11/18/24 11:35 AM	WISKI Review (1m) 5725 - WISKI Review (1m) 5725, All data for October 2024 entered by Don Michaud on November 14, 2024. Lab results entered ok as well.
4210956			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:00 PM	12/10/24 02:00 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on Nov 4, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
4211000			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:02 PM	12/10/24 02:02 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on Nov 4, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
4211443			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:05 PM	12/10/24 02:05 PM	TPM Inspection/Maintenance (1m) 5725 - Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; Nov 4, 2024. Note: Pump #2 at West Station Ready for installation.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4211448	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 01:58 PM	12/10/24 01:58 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual along with Monthly Maintenance performed by Val's Equipment technician on Nov 4, 2024.
4211466	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 01:58 PM	12/10/24 01:58 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual along with Monthly Maintenance performed by Val's Equipment technician on Nov 4, 2024.
4211495	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 01:59 PM	12/10/24 01:59 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Diesel Generator Inspection/ Functional Test (1y) 5725, Annual along with Monthly Maintenance performed by Val's Equipment technician on Nov 4, 2024.
4211511	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:06 PM	12/10/24 02:06 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Nov 12, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4211541	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:07 PM	12/10/24 02:07 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Nov 12, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
3969186			5725, Burk's Falls WWTL	OPER	Compliance	1	YEARS	Facility Emergency Plan Review (1y) 5725	COMP	6/1/24 12:00 AM	1/16/25 09:18 AM	1/16/25 09:18 AM	Facility Emergency Plan Review (1y) 5725 - Facility Emergency Plan Review (1y) 5725, Complete for 2024.

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4214060			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	COMP	11/1/24 12:00 AM	12/10/24 02:14 PM	12/10/24 02:14 PM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on Dec 10, 2024 by Don Michaud. All values were checked and entered. Lab data entries were verified. Work Orders Closed Off.
4253141			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Critical Alarm/Dialer Testing (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:27 PM	1/10/25 02:27 PM	Critical Alarm/Dialer Testing (1m) 5725 - Critical Alarm/Dialer Testing (1m) Performed on Dec 2, 2024 by Burk's Fall Operator, Alarm sent to Telus and relayed back to Operator OK. Dialer in good working condition.
4253288			5725, Burk's Falls WWTL	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:30 PM	1/10/25 02:30 PM	Health And Safety Inspection (1m) 5725 - Health And Safety Inspection (1m) performed by Burk's Fall Operator on Dec 2, 2024. All safety items intact. No issues to report. All Safety Equipment on site and in good condition.
4253738			5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	TPM Inspection/Maintenance (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:34 PM	1/10/25 02:34 PM	TPM Inspection/Maintenance (1m) 5725 - All Sewage Pumps at East Station, West Station, and North Station in good working condition. Verified by Burk's Fall Operator on; Dec 2, 2024 Station trending also checked remotely on regular basis by OCWA operator.
4253743	0000348603	GENERATOR BURK'S FALLS WWTP AT EAST PUMP STATION	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:36 PM	1/10/25 02:36 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Dec 3, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 3/4. Start Hours 13.1 - Stop Hours 14.5.
4253759	0000348604	GENERATOR BURK'S FALLS WWTP. IN DIESEL BLDG. AT NORTH PS. DIESEL	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:38 PM	1/10/25 02:38 PM	

Workorder Summary Report

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

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

Location: 5725*

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

Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
4253788	0000086396	GENERATOR DIESEL BURK'S FALLS WWTP. IN DIESEL BLDG. AT WEST PS.	5725, Burk's Falls WWTL	PM	Refurbish/ Replace/Repair	1	MONTHS	Diesel Generator Inspection/ Functional Test (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:39 PM	1/10/25 02:39 PM	Diesel Generator Inspection/ Functional Test (1m) 5725 - Generator test ran by Burk's Operator on Dec 3, 2024. Auto Start and Stop sequence good, Oil Level Full, Fuel Level 3/4. Start Hours 1.2 - Stop Hours 4.1.
4253804	0000126952	LAGOON CELL 01 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:41 PM	1/10/25 02:41 PM	Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725 - Lagoon Cell 01 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Dec 17, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4253814	0000126953	LAGOON CELL 02 BURK'S FALLS	5725, Burk's Falls WWTL	PM	Inspection	1	MONTHS	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:41 PM	1/10/25 02:41 PM	Lagoon Cell 02 Burk's Falls Inspect/ Service (1m/6m/1y) 5725 - Lagoon Cell 02 Burk's Fall Insp/ Service (1m/6m/1y) 5725. Performed by Burk's Fall Operator on Dec 17, 2024. Lagoon berms in good condition. Isolation valve in good condition and holding.
4256189			5725, Burk's Falls WWTL	OPER	Compliance	1	MONTHS	WISKI Review (1m) 5725	COMP	12/1/24 12:00 AM	1/10/25 02:44 PM	1/10/25 02:44 PM	WISKI Review (1m) 5725 - WISKI Review (1m) was completed on Jan 10, 2025 by Don Michaud. All values were checked and entered. Lab data entries were verified. Work Orders Closed Off.



Collection ECA Schedule E	Section in Report
4.6.3 If applicable, includes a summary of all required monitoring data along with an interpretation of the data and any conclusion drawn from the data evaluation about the need for future modifications to the Authorized System or system operations.	11.0 Bypass, Overflow, Spill & Abnormal Discharge Events
4.6.4 Includes a summary of any operating problems encountered and corrective actions taken.	4.0 Operating Problems and Corrective Actions or 11.0 Bypass, Overflow, Spill & Abnormal Discharge Events
4.6.5 Includes a summary of all calibration, maintenance, and repairs carried out on any major structure, Equipment, apparatus, mechanism, or thing forming part of the Municipal Sewage Collection System.	5.0 Maintenance
4.6.6 Includes a summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints.	10. Complaints
4.6.7 Includes a summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threat.	5.0 Maintenance
4.6.8 Includes a summary of all Collection System Overflow(s) and Spill(s) of Sewage, including: a) Dates; b) Volumes and durations; c) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E.coli; d) Disinfection, if any; and e) Any adverse impact(s) and any corrective actions, if applicable.	11.0 Bypass, Overflow, Spill & Abnormal Discharge Events Appendix C
4.6.9 Includes a summary of efforts made to reduce Collection System Overflows, Spills, STP Overflows, and/or STP Bypasses, including the following items, as applicable: a) A description of projects undertaken and completed in the Authorized System that result in overall overflow reduction or elimination including expenditures and proposed projects to eliminate overflows with estimated budget forecast for the year following that for which the report is submitted. b) Details of the establishment and maintenance of a PPCP, including a summary of project progresses compared to the PPCP's timelines. c) An assessment of the effectiveness of each action taken. d) An assessment of the ability to meet Procedure F-5-1 or Procedure F-5-5 objectives (as applicable) and if able to meet the objectives, an overview of next steps and estimated timelines to meet the objectives. e) Public reporting approach including proactive efforts.	5.0 Maintenance 4.0 Operating Problems and Corrective Actions