Lindsay Wastewater System

2025 Annual Wastewater Performance Report

Wastewater System Works Number: 110000383

Wastewater System Operating Authorities: City of Kawartha Lakes and Ontario Clean Water Agency

Reporting Period: January 1st – December 31st, 2025

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Annual Wastewater Performance Report
City of Kawartha Lakes

Kawartha Lakes
Jump In

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2025 Annual Wastewater System Performance Report

Executive Summary

The Lindsay Water Pollution Control Plant (WPCP) is an extended aeration wastewater treatment facility with a rated capacity of 24,500 m^3/day and is located at 48 Lagoon Rd in Lindsay, Ontario. The facility is owned by the City of Kawartha Lakes, with the treatment system and sewage pumping stations operated by the Ontario Clean Water Agency, and the remaining collection system operated by City staff.

The treatment system operates in accordance with Environmental Compliance Approval (ECA) #1696-BPLL4R issued June 29, 2020, and the wastewater collection system operates in accordance with Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #141-W601 issued May 2, 2025. In accordance with Ontario Regulation 129/04, the Lindsay Sewage Works is classified as a Class III Wastewater Treatment Subsystem and Class III Wastewater Collection Subsystem.

The treatment process consists of preliminary treatment followed by extended aeration, secondary clarification, tertiary treatment, and disinfection. Preliminary treatment includes mechanical bar screening, screening compaction and dewatering, grit removal, and grit dewatering. Wastewater enters the aeration tanks where biological treatment occurs through an aerobic, suspended growth process. Mixed liquor from the aeration tanks is directed to secondary clarifiers, where suspended solids are settled and returned to the aeration tanks.

Effluent from the secondary clarifiers receives tertiary treatment through chemical phosphorus removal using the Actiflo system, where coagulation is enhanced by sand ballasting. The treated

Sludge generated during the treatment process is directed to three onsite sludge lagoons for storage prior to removal.

The Lindsay wastewater collection system consists of a network of gravity sewers, nine pumping stations, and associated forcemains that convey raw sewage to the wastewater treatment plant.

The City of Kawartha Lakes and Ontario Clean Water Agency prepare an annual report summarizing system operation and performance for each municipal wastewater system. This report has been prepared to satisfy the reporting requirements of Environmental Compliance Approval (ECA) #1969-BPLL4R and Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) #141-W601. Unless otherwise noted within this report, the Lindsay Sewage Works complies with all applicable requirements of the regulating authorities and the approvals under which it operates.

This Annual Performance Report is available to the public on the City of Kawartha Lakes website and at the Public Works Administration Office located at 322 Kent Street West in Lindsay, Ontario, by appointment. Notification of report availability is provided on the City's website and copies are available free of charge.

Reporting Requirements – Wastewater Treatment Plant

In accordance with ECA #1696-BPLL4R, Section 11(4) – REPORTING, the owner shall prepare a performance report on a calendar basis and submit to the Ministry of Environment, Conservation and Parks by March 31 of the calendar year following the period being reported upon.

Section 11(4) – REPORTING

The performance report is required to contain the following:

a) a summary and interpretation of all Influent and Important Sewage monitoring data, and a review of the historical trend of the sewage characteristics and flow rates;
b) a summary and interpretation of all Final Effluent monitoring data, including concentration, flow rates, loading and comparison to the design objectives and compliance limits in this Approval, including an overview of the success and adequacy of the Works;
c) a summary of all operating issues encountered and corrective actions taken;
d) 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;
e) a summary of any effluent quality assurance or control measures undertaken;
f) a summary of the calibration and maintenance carried out on all Influent, Imported Sewage and Final Effluent monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
g) 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:
    i. 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;
    ii. when the Annual Average Daily Influent Flow reaches 80% of the Rated Capacity;
h) 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;
i) a summary of any complaints received and any steps taken to address the complaints;
j) 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;

k) a summary of all Notice of Modifications to Sewage Works completed under Paragraph 1.d. of Page 20 – NUMBER 1969-BPLL4R Condition 10, including a report on status of implementation of all modification.
l) 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;
m) any changes or updates to the schedule for the completion of construction and commissioning operation of major process(es)/equipment groups in the Proposed Works;
n) a summary of any deviation from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year.

The following is a report from the records maintained by the Ontario Clean Water Agency for the Lindsay Water Pollution Control Plant for the calendar year 2025:

Summary of Influent and Imported Sewage Monitoring Data to Limits and Objectives

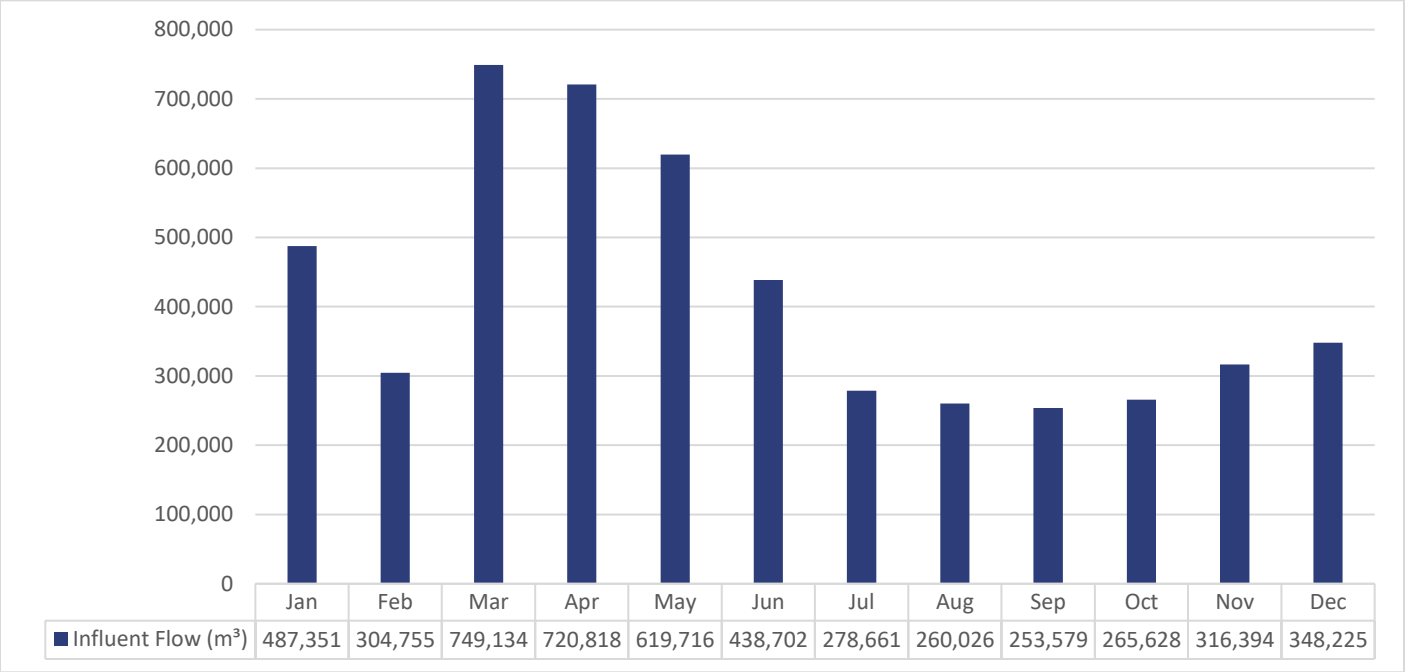
(a) Environmental Compliance Approval (ECA) #1696-BPLL4R requires a summary and interpretation of all Influent and Imported Sewage monitoring data, and a review of the historical trend of the sewage characteristics and flow rates.

Attached as **Appendix VI** is a copy of the 2025 Performance Assessment Report (PAR) and loading calculations for the Lindsay WPCP raw and final effluent. The PAR contains: a tabulation of all monthly average raw sewage and final effluent sample results obtained during the reporting period, a tabulation of average daily flows, and monthly volumes for the reporting period, and a tabulation of calculated total loading of BOD/$CBOD_5$, suspended solids, total phosphorus, ammonia + ammonium as N (TAN), Total Kjeldahl Nitrogen (TKN), nitrite and nitrate concentrations in the final effluent.

The Lindsay Water Pollution Control Plant (WPCP) has a Rated Capacity of 24,500 m^3/day, with an Actiflo tertiary treatment capacity of 30,100 m^3, as specified in ECA #1696-BPLL4R. The ECA requires that all reasonable efforts be undertaken to operate the facility such that the annual average daily influent remains within the Rated Capacity. For the 2025 reporting period, the annual average daily influent flow to the Lindsay WPCP was 13,816.41 m^3/day, representing 56.39% of the Rated Capacity.

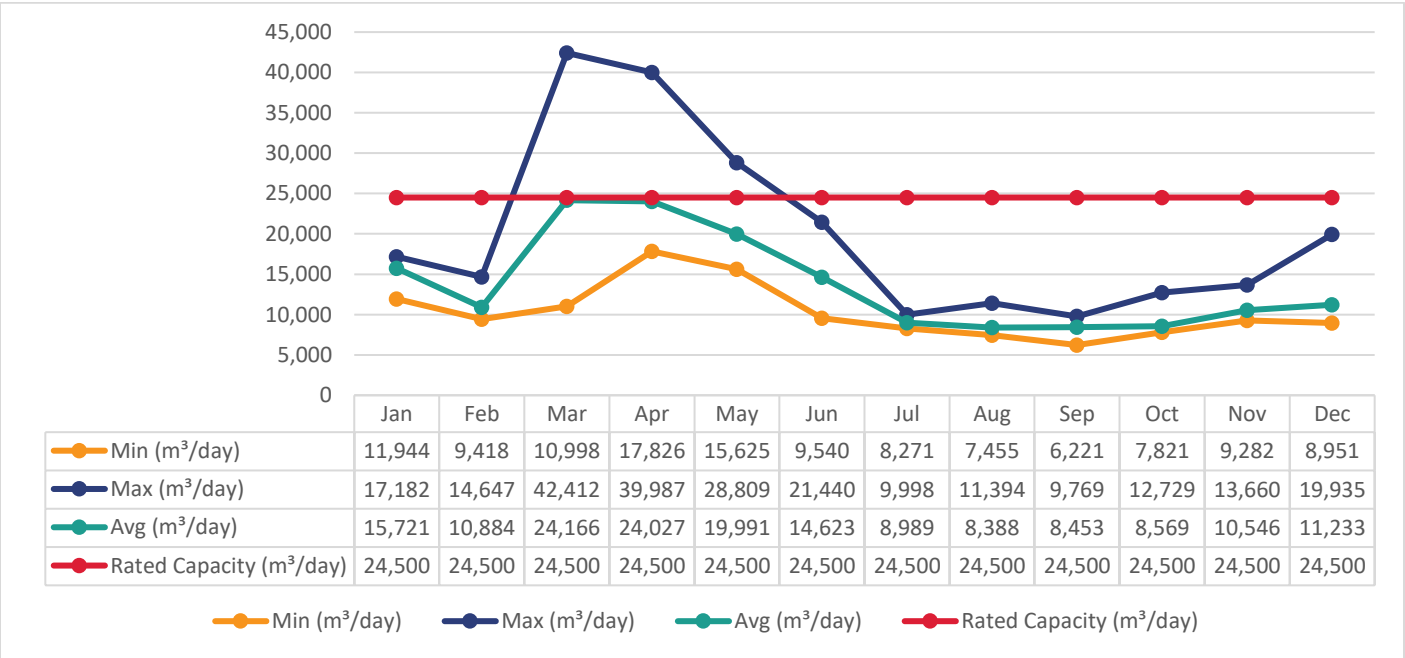
The total Influent flow in 2025 was 5,042,989.00 m^3.

Graph 1. 2025 Influent Flow Monthly Totals



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Influent Flow (m³)	487,351	304,755	749,134	720,818	619,716	438,702	278,661	260,026	253,579	265,628	316,394	348,225

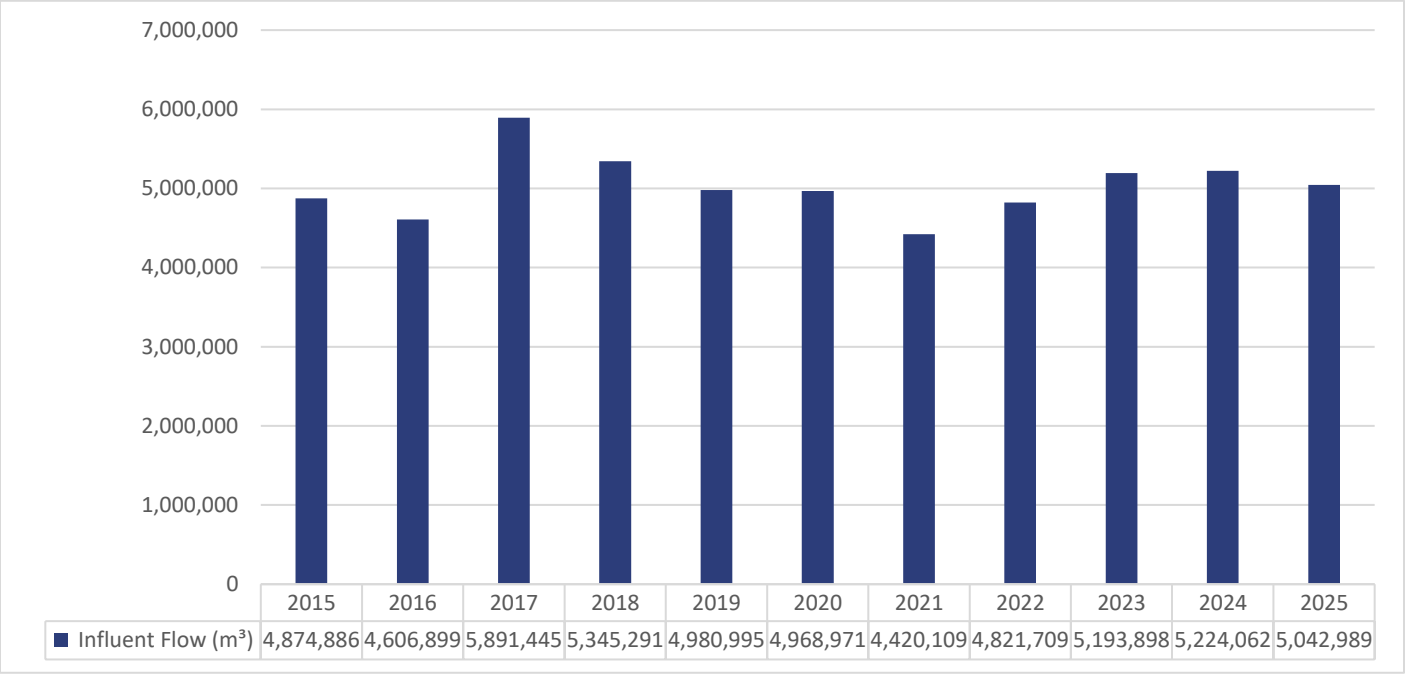
Graph 2. 2025 Influent Daily Minimum, Maximum and Average Flows



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (m³/day)	11,944	9,418	10,998	17,826	15,625	9,540	8,271	7,455	6,221	7,821	9,282	8,951
Max (m³/day)	17,182	14,647	42,412	39,987	28,809	21,440	9,998	11,394	9,769	12,729	13,660	19,935
Avg (m³/day)	15,721	10,884	24,166	24,027	19,991	14,623	8,989	8,388	8,453	8,569	10,546	11,233
Rated Capacity (m³/day)	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500	24,500

Note: There may be instances where influent flow exceeded the Rated Capacity on a monthly basis. However, Rated Capacity is calculated as an annual average daily flow rate, which was met in 2025. Flows were high in March, April and May due to seasonal snow melt and heavy rainfall.

Graph 3. Historical Influent Flows from 2015 - 2025

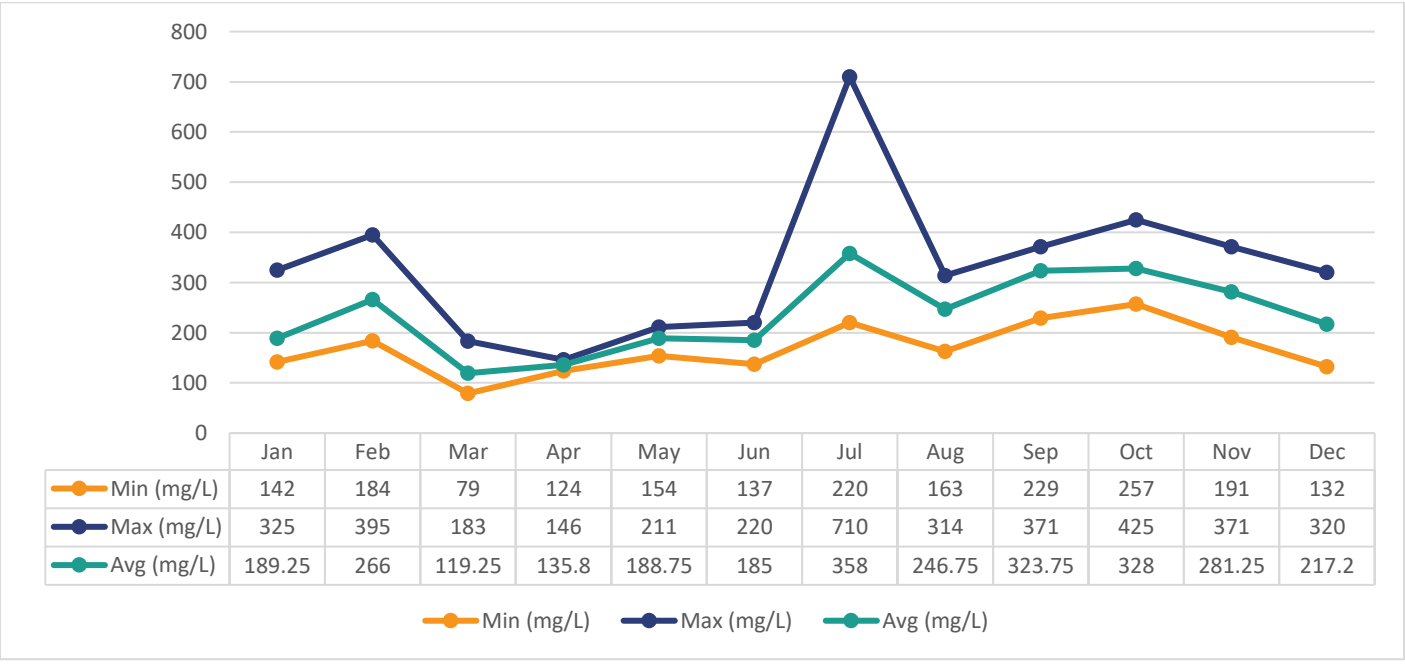


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Influent Flow (m^3)	4,874,886	4,606,899	5,891,445	5,345,291	4,980,995	4,968,971	4,420,109	4,821,709	5,193,898	5,224,062	5,042,989

Biochemical Oxygen Demand (BOD_5)

Environmental Compliance Approval (ECA) #1969-BPLL4R requires at least one composite sample to be collected and analyzed weekly for Biochemical Oxygen Demand (BOD_5). The Biochemical Oxygen Demand (BOD_5) monthly average results ranged from 119.25 mg/L to 358 mg/L.

Graph 4. 2025 Monthly BOD_5 Influent Sample Results

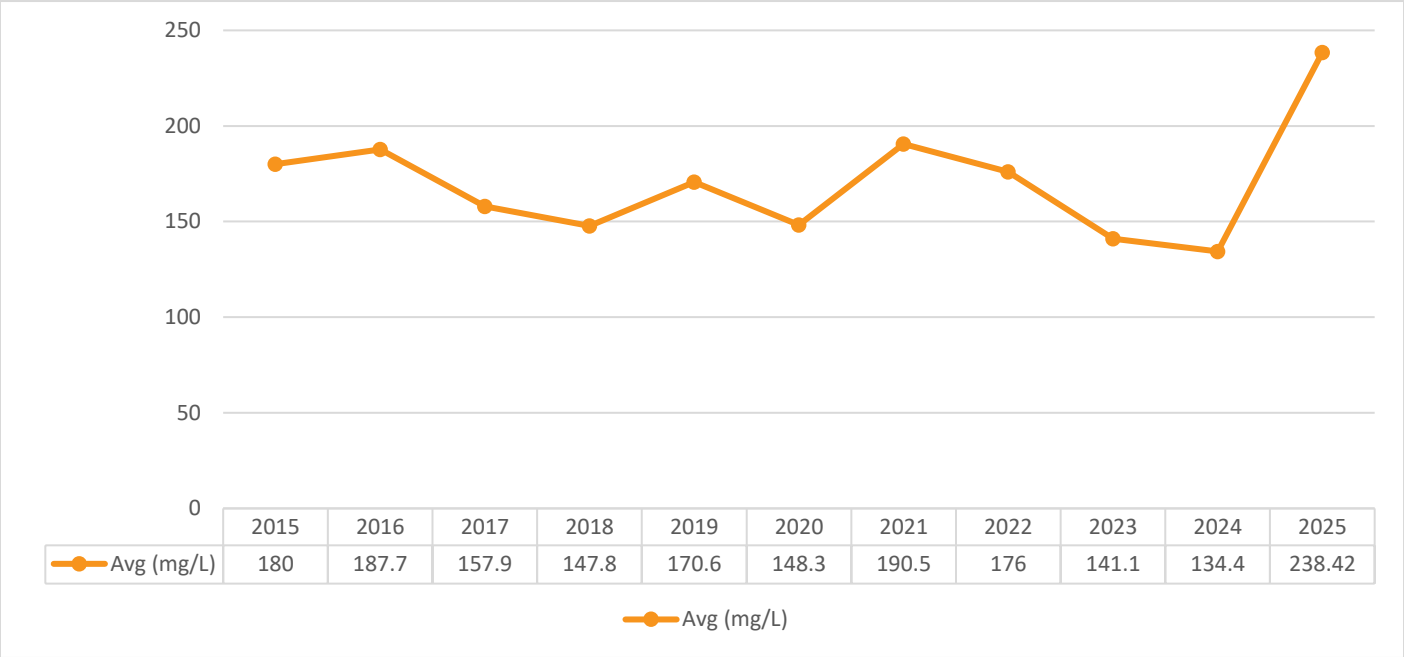


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (mg/L)	142	184	79	124	154	137	220	163	229	257	191	132
Max (mg/L)	325	395	183	146	211	220	710	314	371	425	371	320
Avg (mg/L)	189.25	266	119.25	135.8	188.75	185	358	246.75	323.75	328	281.25	217.2

Biochemical Oxygen Demand Historical Trends

The Biochemical Oxygen Demand annual average has been relatively stable between 2015 and 2024, then increased in 2025. Although not confirmed, raw influent concentrations could be related to abattoir and septage receiving.

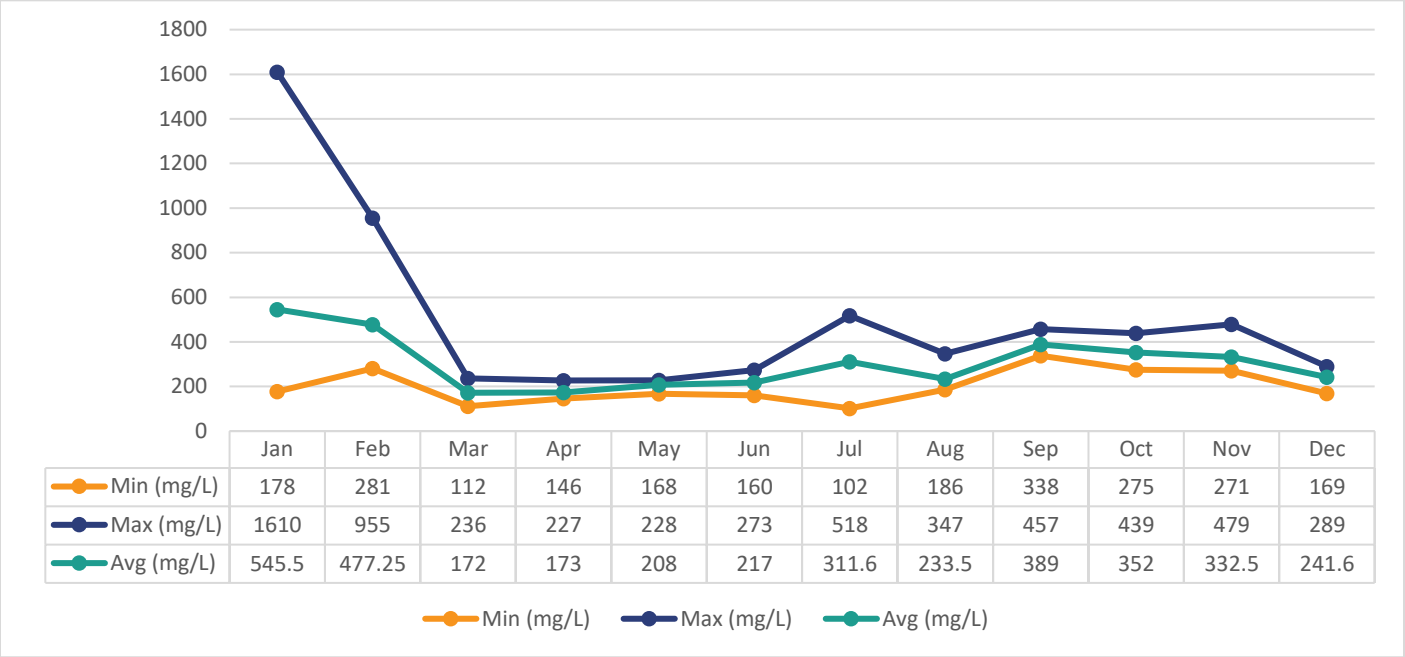
Graph 5. Historical Influent BOD_5 Annual Average Results 2015-2025



Total Suspended Solids (TSS)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires at least one composite sample be collected and analyzed weekly for Total Suspended Solids. The monthly average results ranged from 172 mg/L to 545.5 mg/L.

Graph 6. 2025 Monthly Total Suspended Solids Influent Sample Results

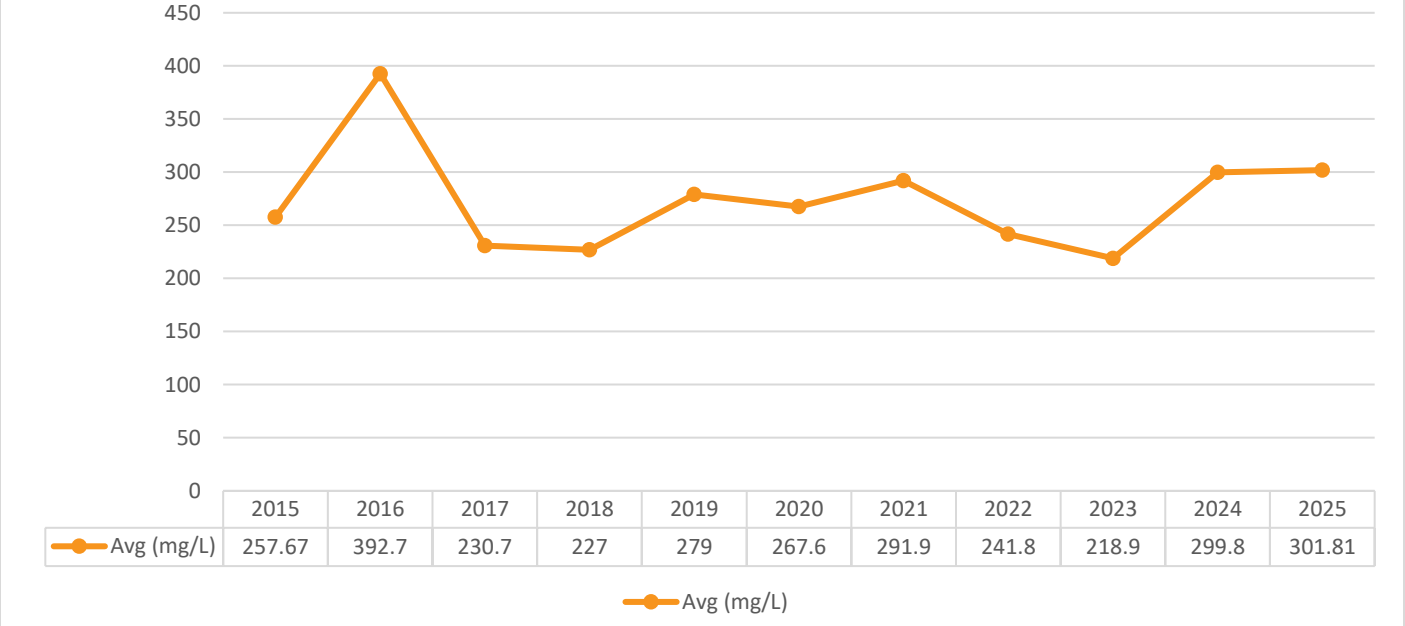


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (mg/L)	178	281	112	146	168	160	102	186	338	275	271	169
Max (mg/L)	1610	955	236	227	228	273	518	347	457	439	479	289
Avg (mg/L)	545.5	477.25	172	173	208	217	311.6	233.5	389	352	332.5	241.6

Total Suspended Solids Historical Review

The Total Suspended Solids annual average has remained relatively stable between 2015 and 2025 with the peak annual average in 2016. Although not confirmed, raw influent concentrations could be related to abattoir and septage receiving.

Graph 7. Historical Influent Total Suspended Solids Sample Results 2015 - 2025

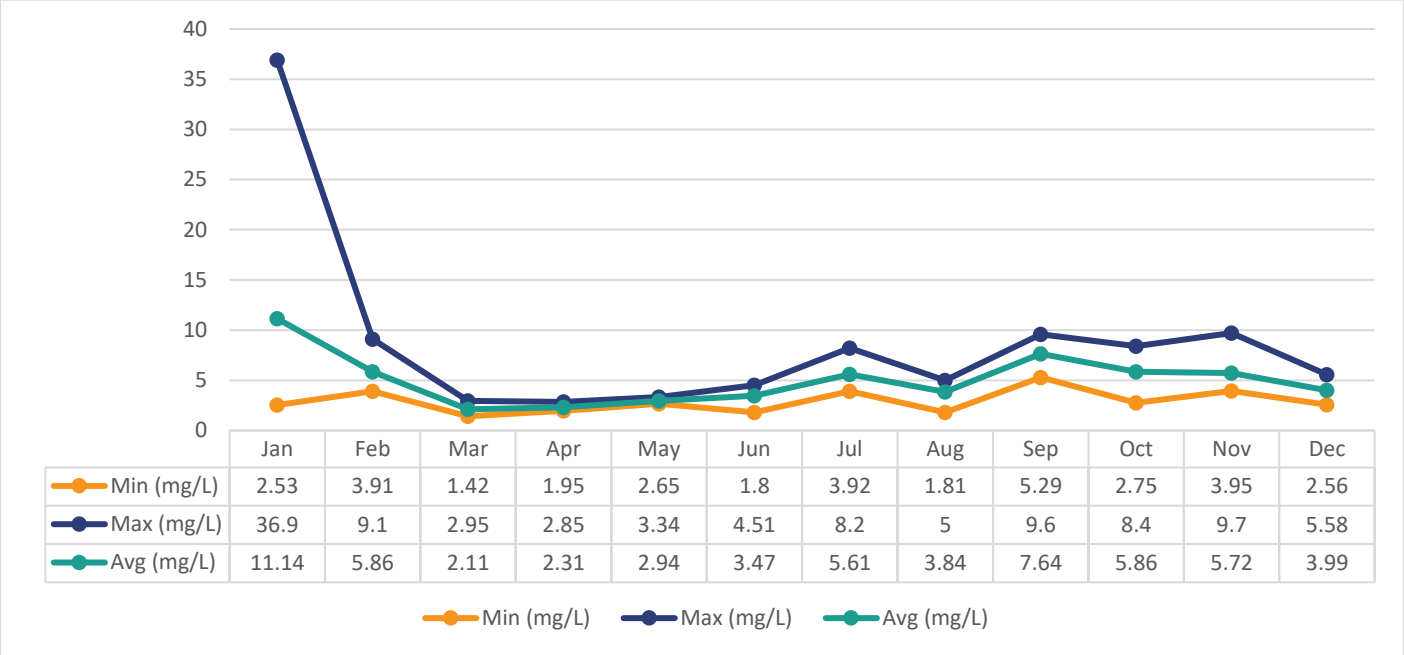


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Avg (mg/L)	257.67	392.7	230.7	227	279	267.6	291.9	241.8	218.9	299.8	301.81

Total Phosphorus (TP)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires at least one composite sample be collected and analyzed weekly for Total Phosphorus. The monthly average Total Phosphorus results ranged from 2.11 mg/L to 11.14 mg/L.

Graph 8. 2025 Monthly Total Phosphorus Influent Sample Results

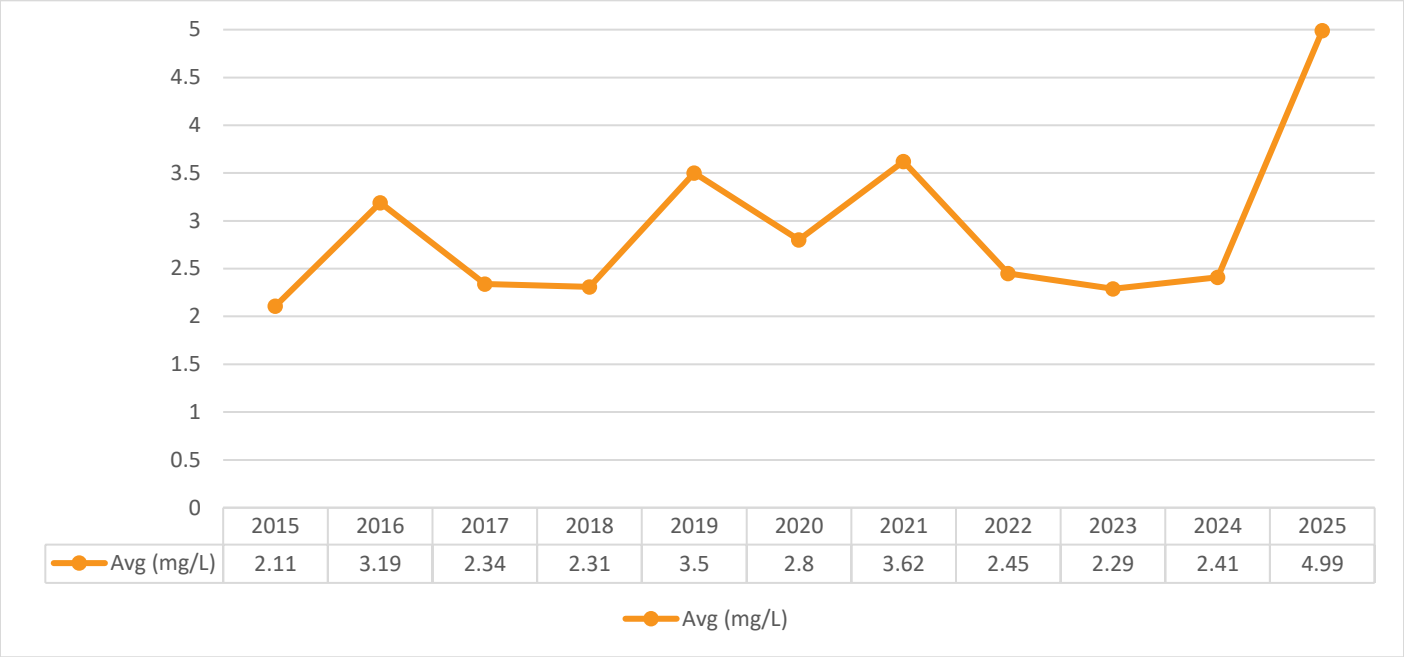


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (mg/L)	2.53	3.91	1.42	1.95	2.65	1.8	3.92	1.81	5.29	2.75	3.95	2.56
Max (mg/L)	36.9	9.1	2.95	2.85	3.34	4.51	8.2	5	9.6	8.4	9.7	5.58
Avg (mg/L)	11.14	5.86	2.11	2.31	2.94	3.47	5.61	3.84	7.64	5.86	5.72	3.99

Total Phosphorus Historical Trends

The Total Phosphorus annual average has increased between 2015 and 2021 with the minimum value being 2.11 mg/L and the maximum value being 4.99 mg/L. The Total Phosphorus has however decreased from 2021 to 2022 and remained relatively stable until it increased in 2025. Although not confirmed, raw influent concentrations could be related to abattoir and septage receiving.

Graph 9. Historical Influent Total Phosphorus Sample Results 2015 - 2025

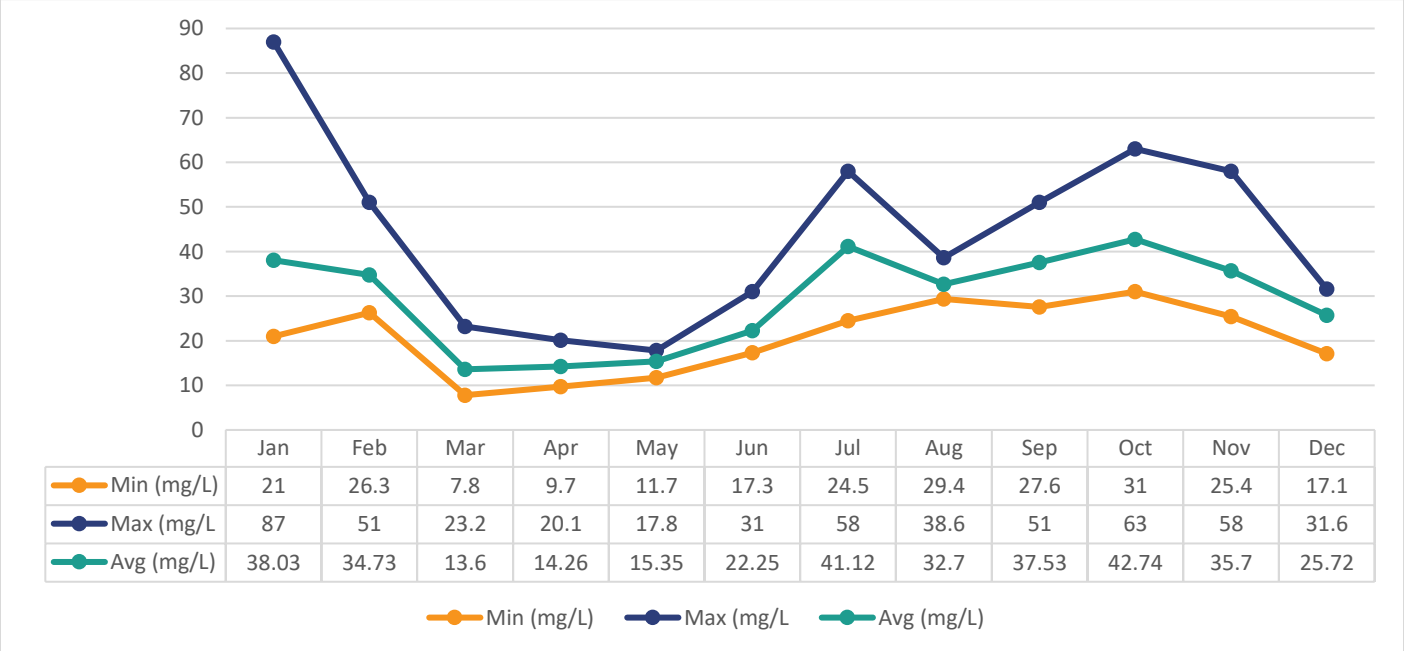


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Avg (mg/L)	2.11	3.19	2.34	2.31	3.5	2.8	3.62	2.45	2.29	2.41	4.99

Total Kjeldahl Nitrogen (TKN)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires at least one composite sample be collected and analyzed weekly for Total Kjeldahl Nitrogen. The monthly average Total Kjeldahl Nitrogen results ranged from 13.6 mg/L to 42.74 mg/L.

Graph 10. 2025 Monthly Total Kjeldahl Nitrogen Influent Sample Results

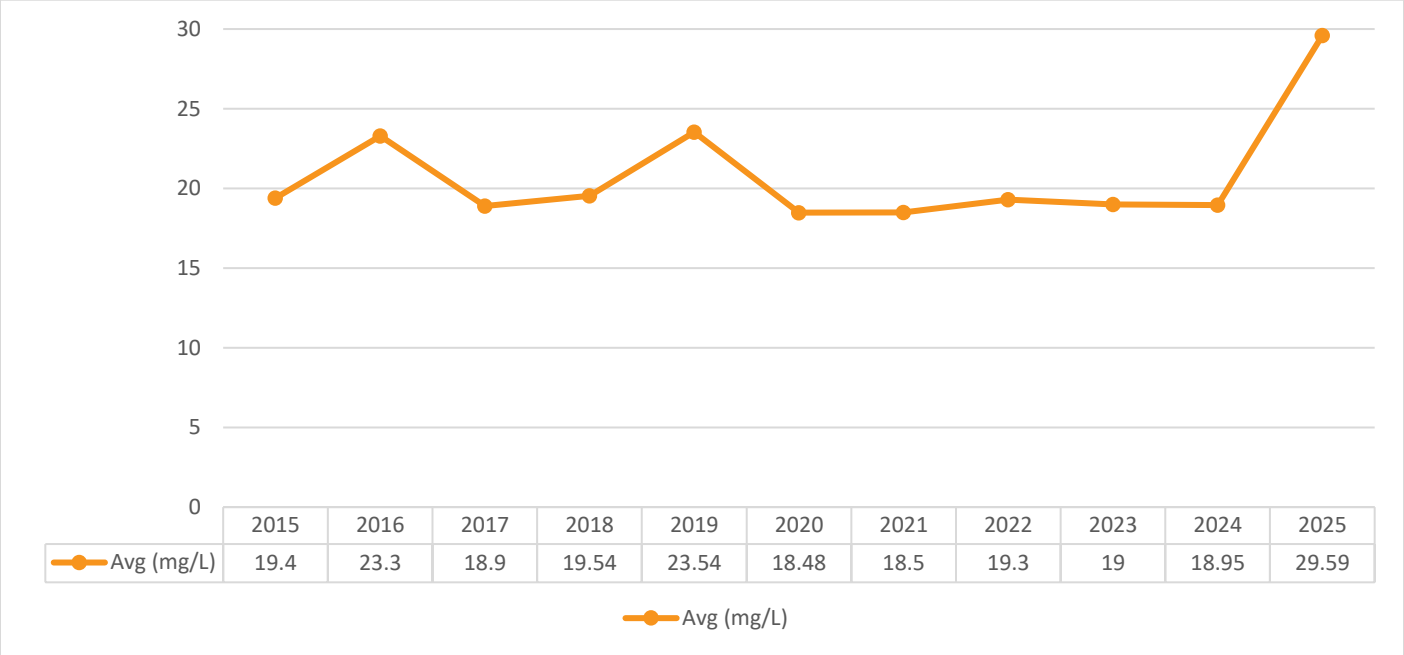


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (mg/L)	21	26.3	7.8	9.7	11.7	17.3	24.5	29.4	27.6	31	25.4	17.1
Max (mg/L	87	51	23.2	20.1	17.8	31	58	38.6	51	63	58	31.6
Avg (mg/L)	38.03	34.73	13.6	14.26	15.35	22.25	41.12	32.7	37.53	42.74	35.7	25.72

Total Kjeldahl Nitrogen Historical Review

The Total Kjeldahl Nitrogen annual average has remained fairly consistent between 2015 and 2024, but increased in 2025. The minimum annual average occurred in 2020 and the maximum annual average occurred in 2025. Although not confirmed, raw influent concentrations could be related to abattoir and septage receiving.

Graph 11. Historical Influent Total Kjeldahl Nitrogen Sample Results 2015 - 2025

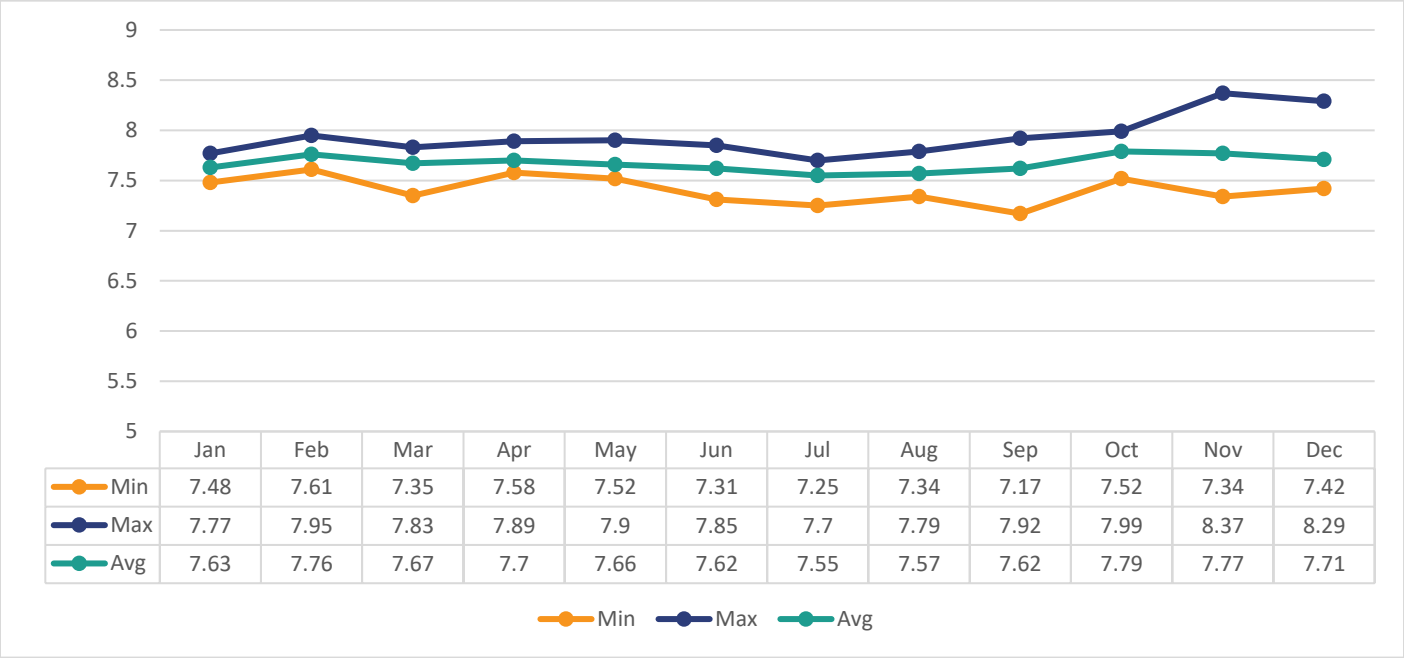


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Avg (mg/L)	19.4	23.3	18.9	19.54	23.54	18.48	18.5	19.3	19	18.95	29.59

pH

Environmental Compliance Approval (ECA) #1696-BPLL4R does not require a pH sample be collected nor prescribes the sample frequency on the influent. The monthly average pH results were fairly consistent throughout 2025 ranging from 7.55 to 7.79.

Graph 12. 2025 Monthly pH Influent Comparisons



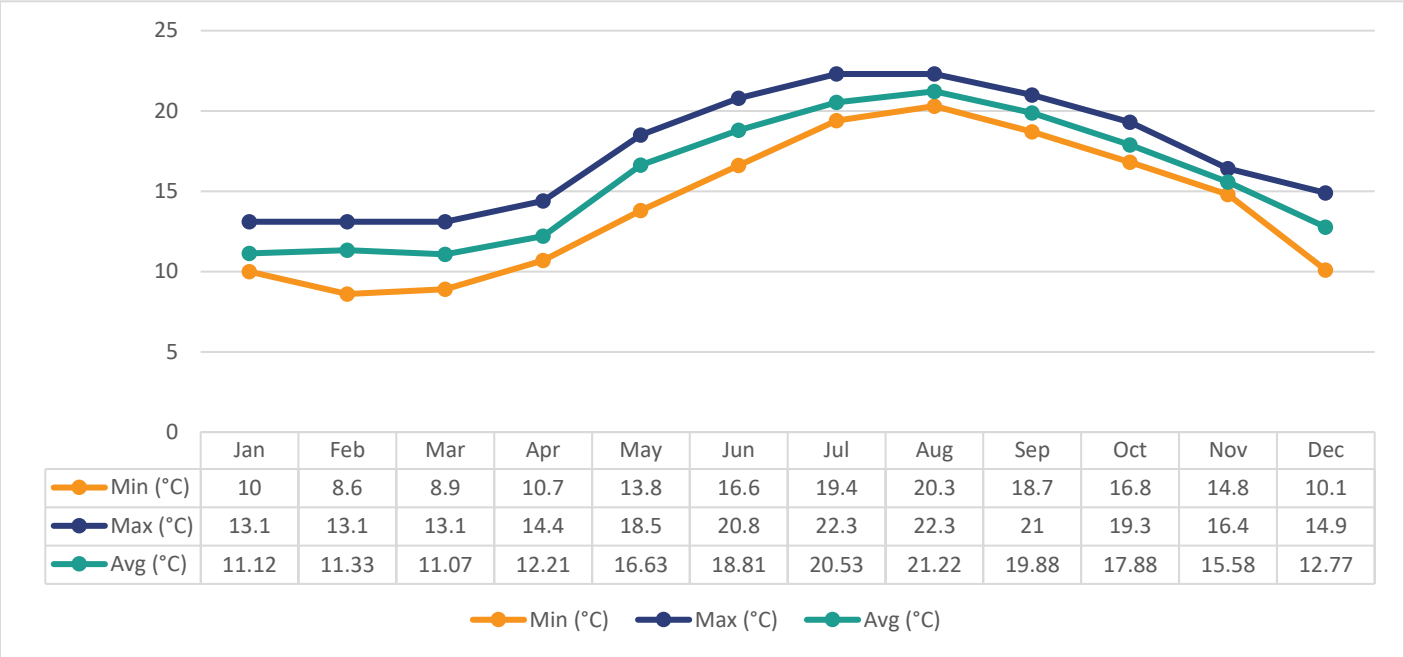
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min	7.48	7.61	7.35	7.58	7.52	7.31	7.25	7.34	7.17	7.52	7.34	7.42
Max	7.77	7.95	7.83	7.89	7.9	7.85	7.7	7.79	7.92	7.99	8.37	8.29
Avg	7.63	7.76	7.67	7.7	7.66	7.62	7.55	7.57	7.62	7.79	7.77	7.71

Historical pH data is only available from 2016 to 2025 and the pH levels in 2025 fluctuated between 7.17 and 8.37.

Temperature

Environmental Compliance Approval (ECA) #1696-BPLL4R does not require a temperature sample be collected or prescribe sample frequency on the influent. Samples were collected throughout 2025. Variations in results were consistent with seasonal fluctuations. Historically, the influent water temperature drops in the freezing season (i.e. winter) and raises in the non-freezing season (i.e. summer) and this trend continued throughout 2025. Historical data is only available from 2016 to 2025 and the temperature in 2025 ranged from 8.6 °C to 22.3 °C.

Graph 13. 2025 Monthly Influent Temperature Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (°C)	10	8.6	8.9	10.7	13.8	16.6	19.4	20.3	18.7	16.8	14.8	10.1
Max (°C)	13.1	13.1	13.1	14.4	18.5	20.8	22.3	22.3	21	19.3	16.4	14.9
Avg (°C)	11.12	11.33	11.07	12.21	16.63	18.81	20.53	21.22	19.88	17.88	15.58	12.77

Imported Sewage

Imported sewage is sewage that is hauled to the sewage treatment plant by licensed waste haulers. At the Lindsay WPCP, Imported Sewage consists of sewage hauled to the Receiving Station at 38 Lagoon Rd., Lindsay and abattoir waste hauled to the Lindsay WPCP onsite storage lagoon.

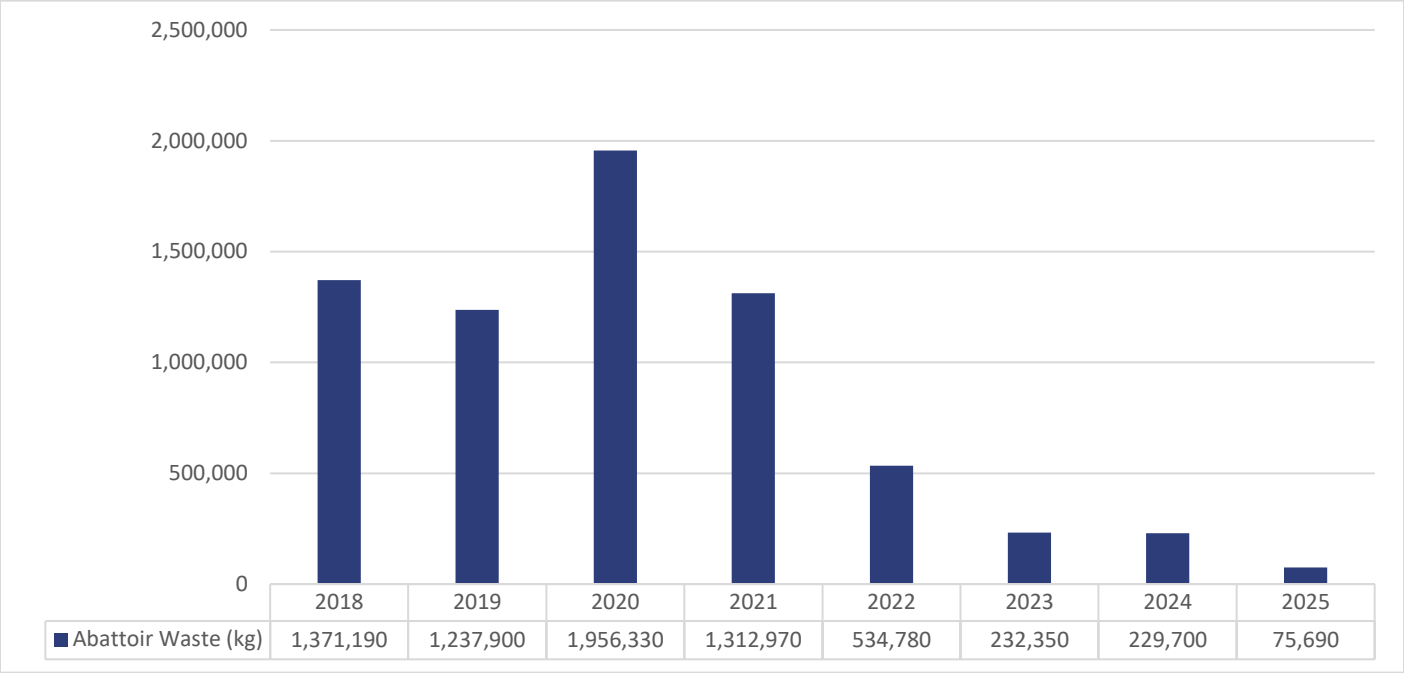
Environmental Compliance Approval (ECA) #1696-BPLL4R requires monthly sampling of Imported Sewage.

Abattoir Waste

Waste from local Abattoirs is hauled to the Lindsay WPCP and deposited into Lagoon #5, which acts as a storage lagoon. During high flow event, excess raw water from the collection system is diverted into Lagoon #5 where it is stored until the collection system flows subside enough to feed the water in Lagoon #5 back into the facility inlet to be treated. The abattoir waste mixes with the raw water in Lagoon #5 and is returned to the wastewater treatment plant through the inlet.

Trucks hauling abattoir waste are weighed at the Lindsay Landfill inbound scale and the outbound scale and the difference between the two readings is the amount of abattoir waste deposited into Lagoon #5. The amount of abattoir waste deposited in 2025 was 75,690 kg. This was a 67.05% decrease in abattoir waste deposited in 2024.

Graph 14. Historical Abattoir Volume Comparisons



	2018	2019	2020	2021	2022	2023	2024	2025
Abattoir Waste (kg)	1,371,190	1,237,900	1,956,330	1,312,970	534,780	232,350	229,700	75,690

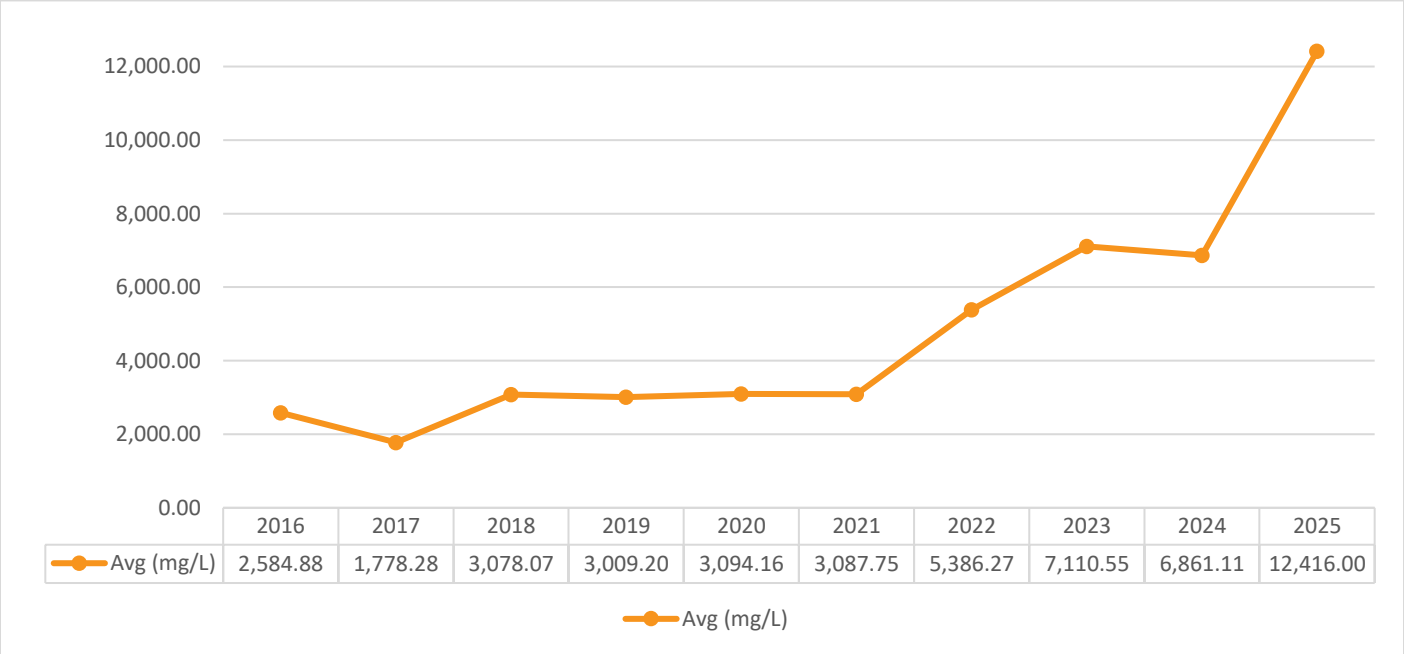
Environmental Compliance Approval (ECA) #1696-BPLL4R requires a grab sample be collected monthly and analyzed for BOD_5, Total Suspended Solids, Total Phosphorus and Total Kjeldahl Nitrogen for each type of imported sewage. Although not required by the ECA, Total Ammonia Nitrogen was sampled and analyzed monthly in 2025. An Abattoir sample was not collected in January, February, June, August, September, October and December 2025. See Section N for further details.

Biochemical Oxygen Demand (BOD_5)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for BOD_5. The BOD_5 sample results ranged from 5,590 mg/L to 19,900 mg/L in 2025.

Graph 15. 2025 Monthly BOD_5 Abattoir Waste Sample Results

Graph 16. Historical BOD_5 Abattoir Waste Sample Results 2016 - 2025

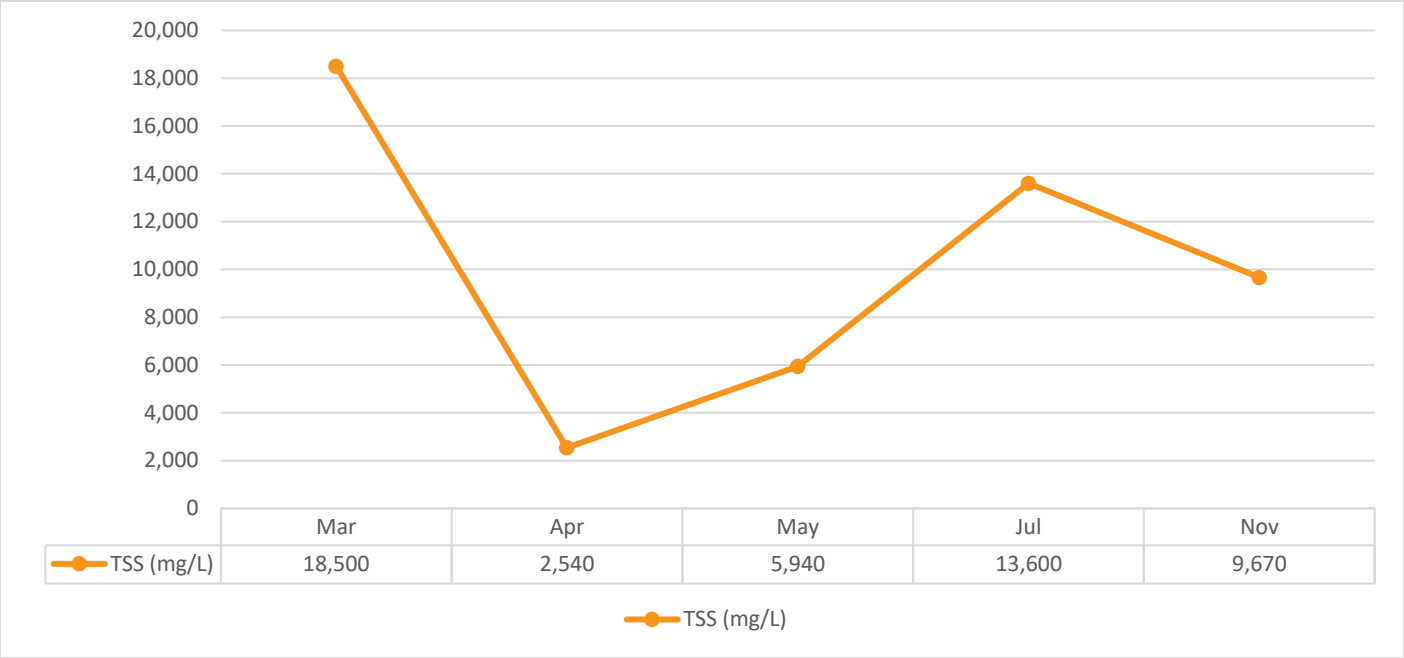


The BOD_5 annual average remained fairly consistent between 2016 and 2021. There was a large increase in average BOD_5 in 2022 and the average BOD_5 has continued to increase into 2025. The minimum annual average concentration occurred in 2017, and the maximum annual average concentration occurred in 2025.

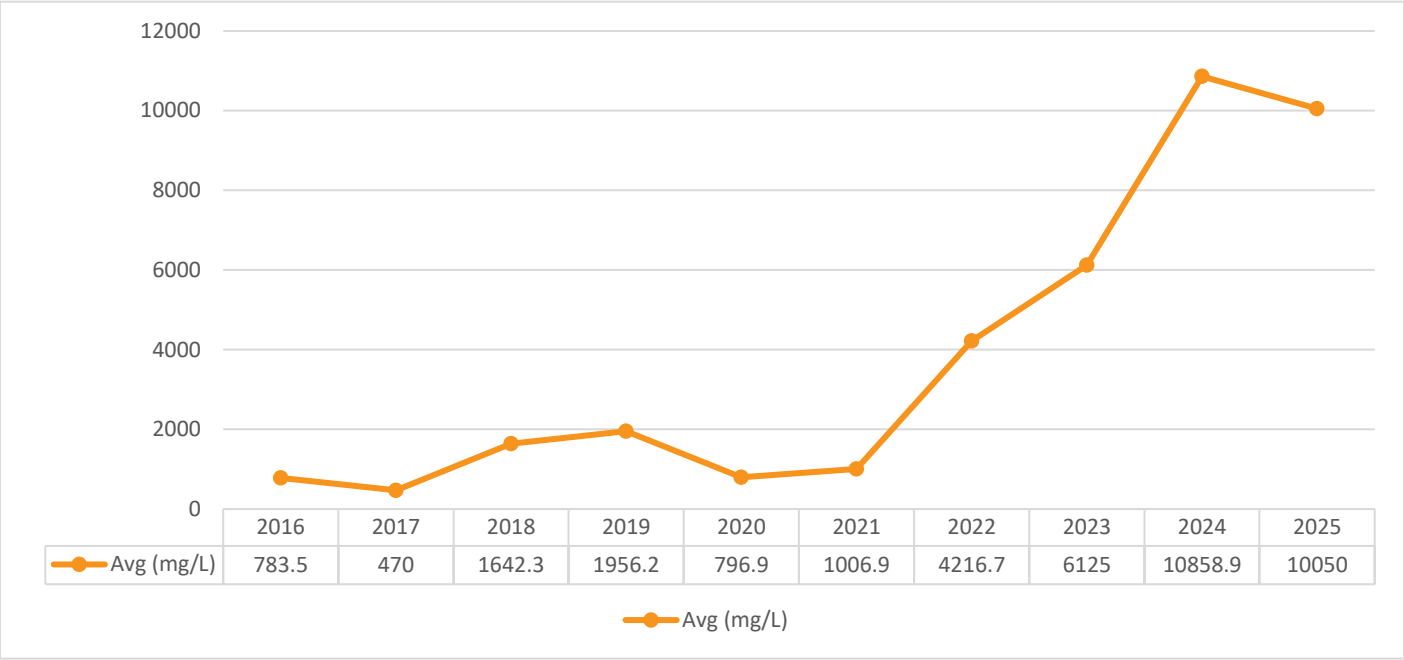
Total Suspended Solids

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for Total Suspended Solids. The Total Suspended Solids sample results ranged from 2,540 mg/L to 18,500 mg/L in 2025.

Graph 17. 2025 Monthly Total Suspended Solids Abattoir Waste Sample Results



Graph 18. Historical Total Suspended Solids Abattoir Waste Sample Results 2016 – 2025



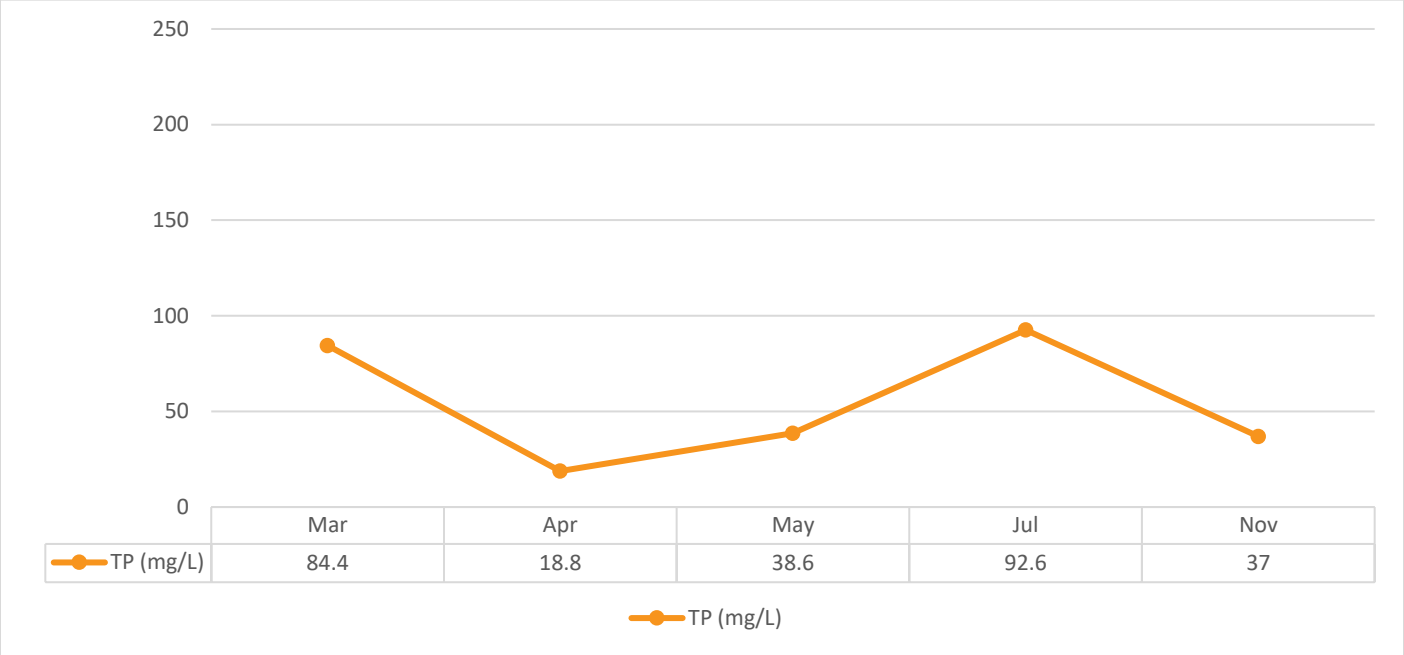
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Avg (mg/L)	783.5	470	1642.3	1956.2	796.9	1006.9	4216.7	6125	10858.9	10050

The Total Suspended Solids annual average has remained fairly consistent between 2016 and 2021. There was a significant increase in the annual average in 2022, continuing through 2025. The minimum annual average concentration occurred in 2017, and the maximum annual average concentration occurred in 2024.

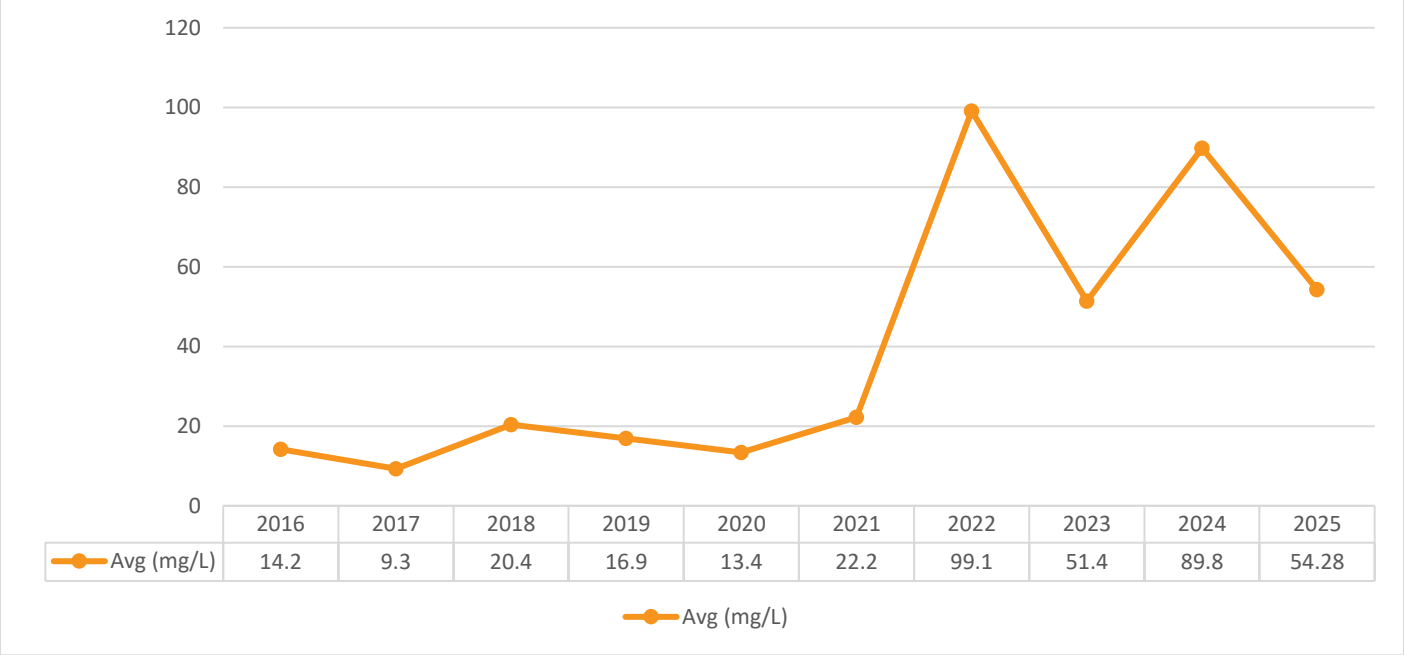
Total Phosphorus

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for Total Phosphorus. Results ranged from 18.8 mg/L to 92.6 mg/L in 2025.

Graph 19. 2025 Monthly Total Phosphorus Abattoir Waste Sample Results



Graph 20. Historical Total Phosphorus Abattoir Waste Sample Results 2016 - 2025



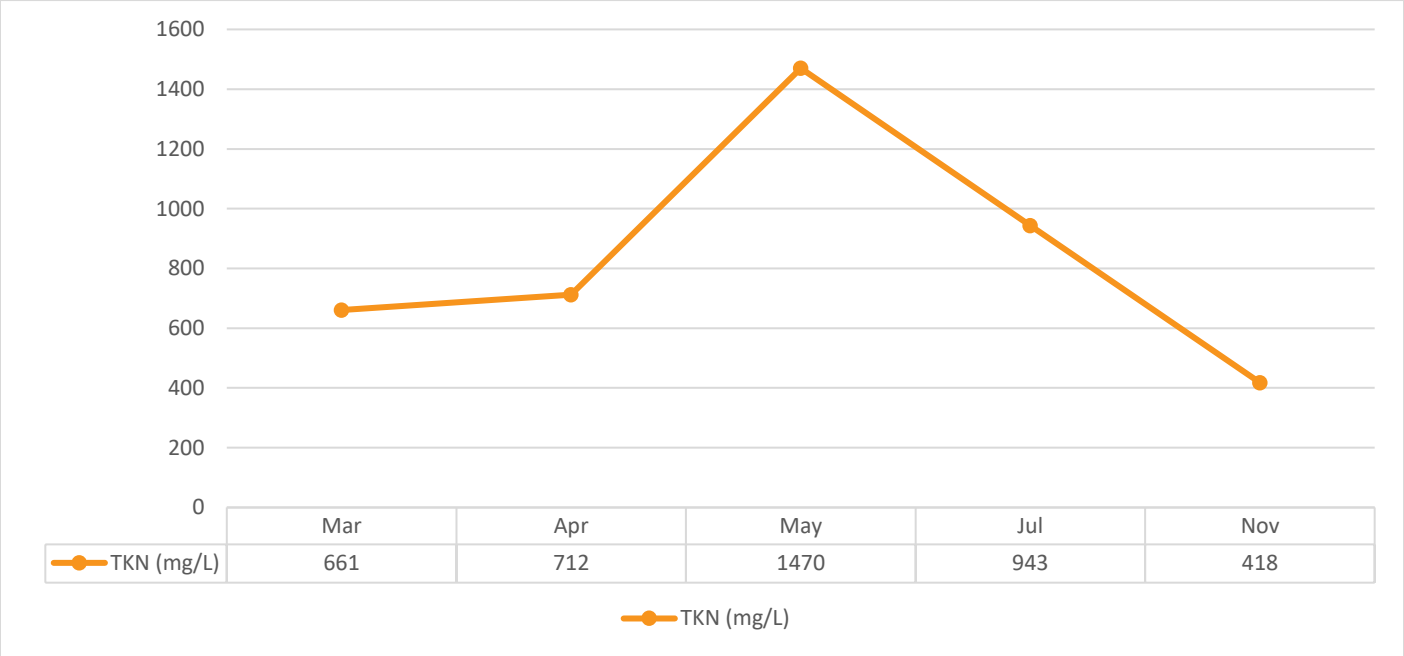
The Total Phosphorus annual average has remained fairly consistent between 2016 and 2021. There was a significant increase in the Total Phosphorus annual average in 2022, but dropping through 2023. There was another increase in the annual average in 2024, but dropping through

2025. The minimum annual average concentration occurred in 2017 and the maximum annual average concentration occurred in 2022.

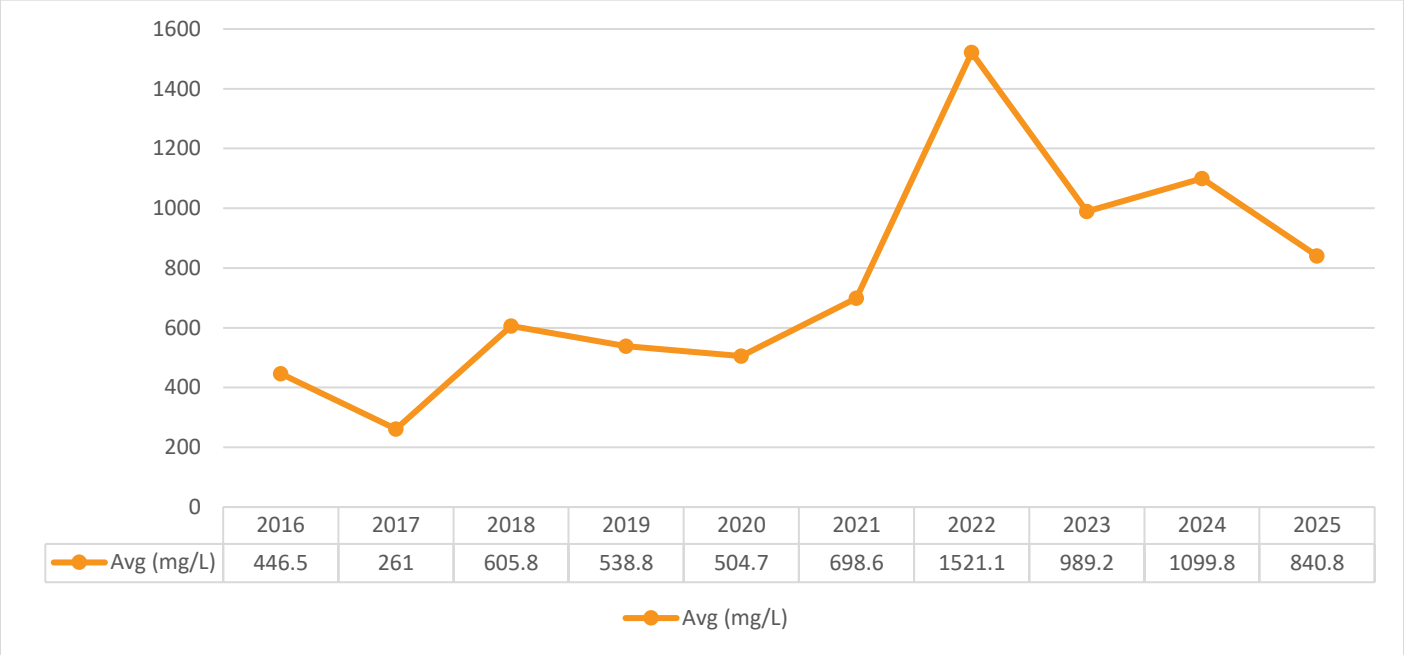
Total Kjeldahl Nitrogen (TKN)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for Total Kjedlahl Nitrogen. The Total Kjeldahl Nitrogen results ranged from 418 mg/L to 1,470 mg/L in 2025.

Graph 21. 2025 Monthly Total Kjeldahl Nitrogen Abattoir Waste Sample Results



Graph 22. Historical Total Kjeldahl Nitrogen Abattoir Waste Sample Results 2016 - 2025

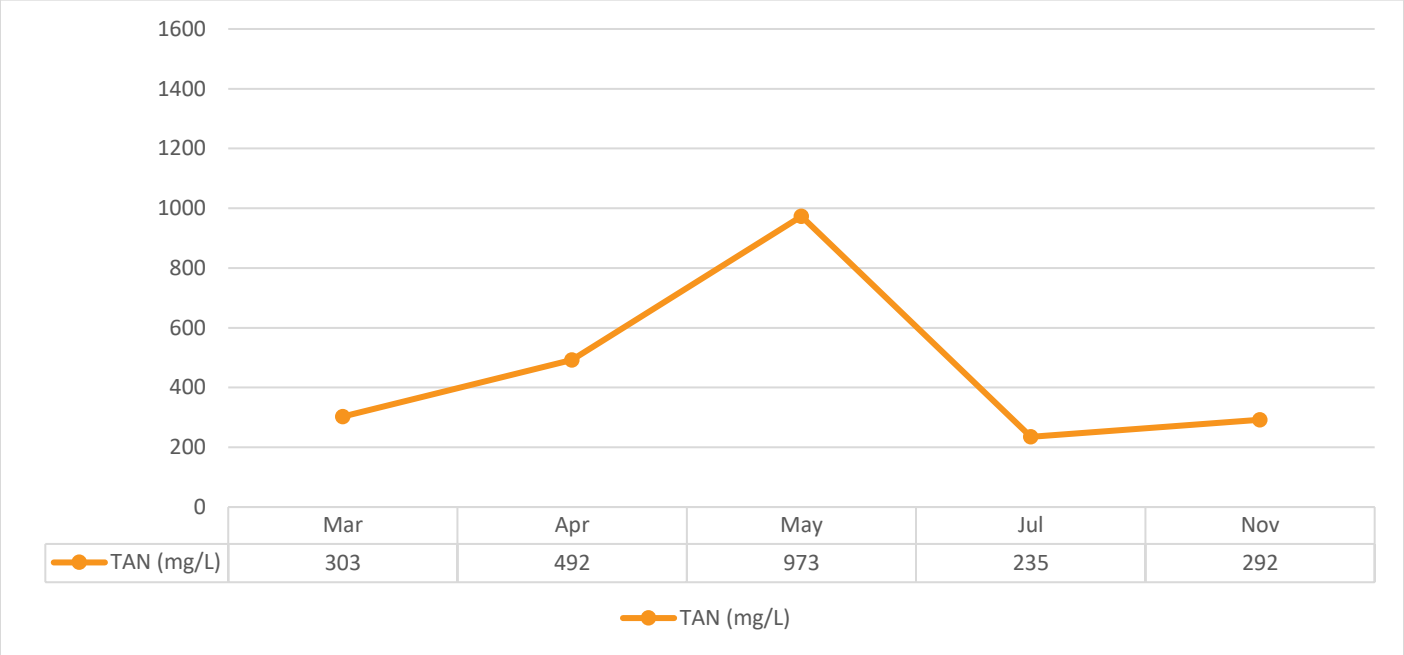


The Total Kjeldahl Nitrogen annual average has ranged between 261.0 mg/L and 1,521.1 mg/L. The minimum annual average concentration occurred in 2017 and the maximum annual average occurred in 2022. There was a significant increase from 2021 to 2022 with a decrease from 2022 to 2023. There was a slight increase from 2023 to 2024 with a decrease from 2024 to 2025.

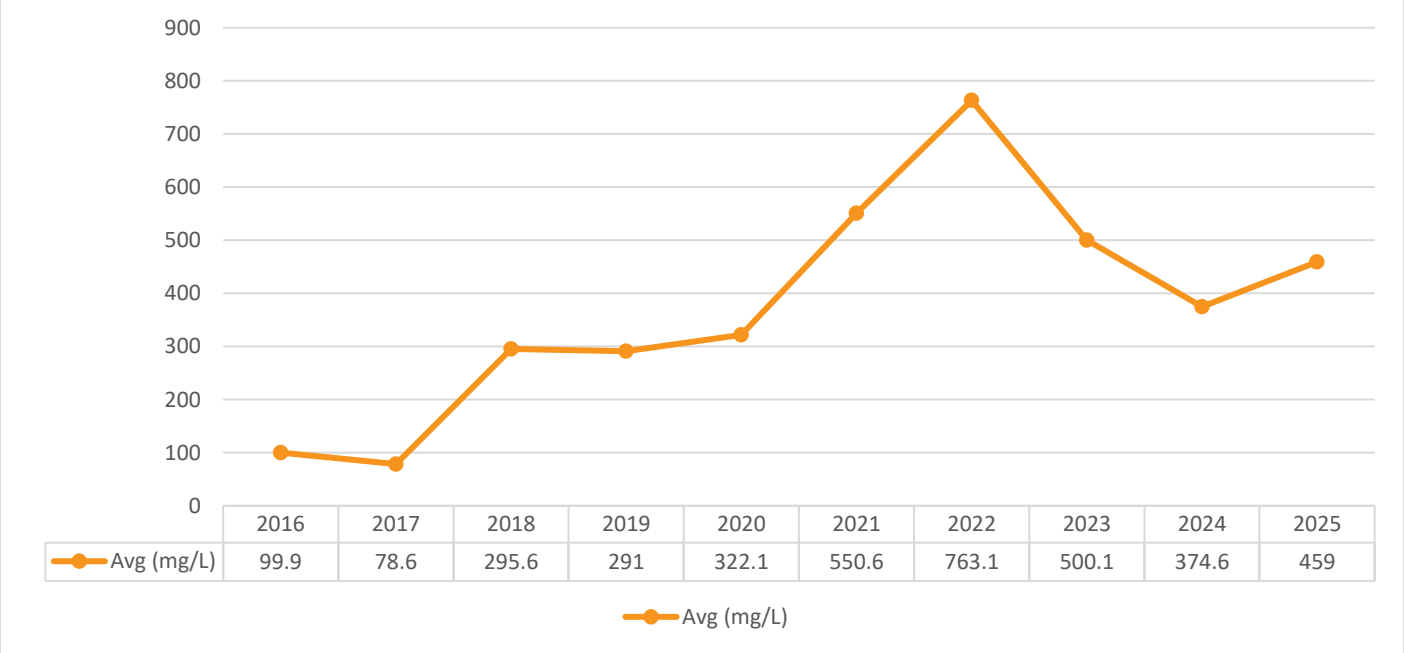
Total Ammonia Nitrogen (TAN)

One grab sample was collected of the Abattoir waste each month in 2025 and analyzed for Total Ammonia Nitrogen. The results ranged from 235 mg/L to 973 mg/L.

Graph 23. 2025 Monthly Total Ammonia Nitrogen Abattoir Waste Sample Results



Graph 24. Historical Total Ammonia Nitrogen Abattoir Waste Sample Results 2016 - 2025



Since 2016, the Total Ammonia Nitrogen annual average has fluctuated between 78.6 mg/L and 763.1 mg/L. The minimum annual average concentration occurred in 2017 and the maximum

annual average concentration occurred in 2022. There has been a steady increase in the annual average concentration since 2020 to 2022. There has been a steady decrease in the annual average concentration since 2022 to 2024, with an increase in 2025.

Receiving Station

Environmental Compliance Approval (ECA) #1696-BPLL4R requires a grab sample monthly of the Receiving Station Waste, testing for BOD_5, Total Suspended Solids, Total Phosphorus, and Total Kjeldahl Nitrogen. Although not required by the ECA, Total Ammonia Nitrogen was sampled and analyzed monthly in 2025.

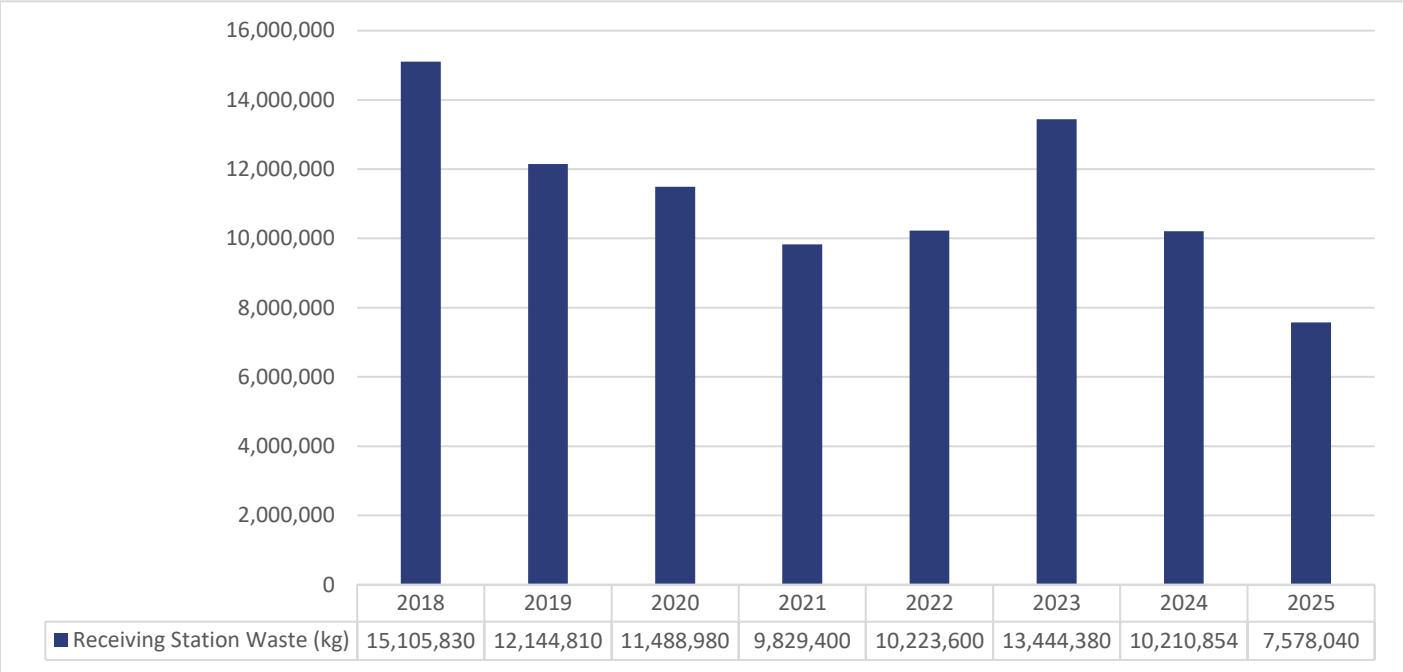
As sampling of the Receiving Station Waste began in November 2018 a historical review of the results is limited. The 2018 – 2025 results are included below. It should be noted that the sewage from the Receiving Station flows to the Inlet Building where the Inlet (Raw) samples are collected, so Receiving Station water would form a portion of the Inlet (Raw) sample results.

Table 1. Historical Receiving Station Sample Results

Parameter	Nov/Dec 2018	2019 Annual	2020 Annual	2021 Annual	2022 Annual	2023 Annual	2024 Annual	2025 Annual
BOD_5 (mg/L)	3492	3094.2	4549.4	4797.77	5545.17	4408.4	3800.58	2686.67
Total Suspended Solids (mg/L)	1810	5397.5	8390.0	7046.85	6165.58	8034.4	7045.67	4772.58
Total Phosphorus (mg/L)	18.6	128.75	106.42	132.5	149.72	93.6	108.18	99.39
Total Kjeldahl Nitrogen (mg/L)	150	2239.5	1238.4	1148.05	2120.5	1225.7	1045.08	541.08
Total Ammonia Nitrogen (mg/L)	80.25	1417.8	753.74	788.35	1081.24	841.1	859.5	398.40

Trucks hauling waste are weighed at the Lindsay Ops Landfill inbound scale prior to arriving at the Receiving Station and again at the outbound scale after leaving the Receiving Station. The difference between the two scale readings is the amount of waste deposited into the Lagoon Rd. Receiving Station. The amount of waste deposited into the receiving station in 2025 was 7,578,040 kg. This was a 25.78 % decrease in receiving station waste deposited in 2024.

Graph 25. Historical Receiving Station Volume Comparisons



	2018	2019	2020	2021	2022	2023	2024	2025
Receiving Station Waste (kg)	15,105,830	12,144,810	11,488,980	9,829,400	10,223,600	13,444,380	10,210,854	7,578,040

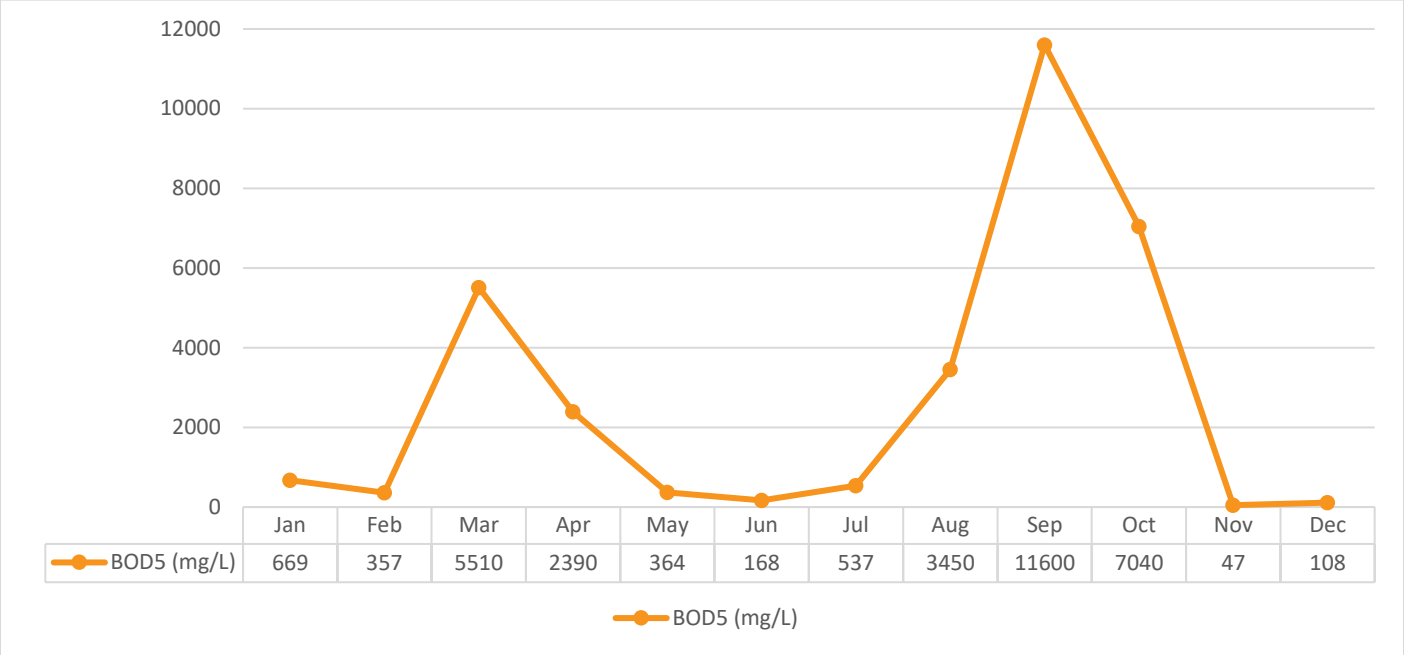
Sample Results

Environmental Compliance Approval (ECA) #1696-BPLL4R requires a grab sample be collected monthly and analyzed for BOD_5, Total Suspended Solids, Total Phosphorus and Total Kjeldahl Nitrogen. Although not required by the ECA, Total Ammonia Nitrogen was sampled and analyzed monthly in 2025.

Biochemical Oxygen Demand (BOD_5)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for BOD_5. The BOD_5 sample results ranged from 47 mg/L to 11,600 mg/L in 2025.

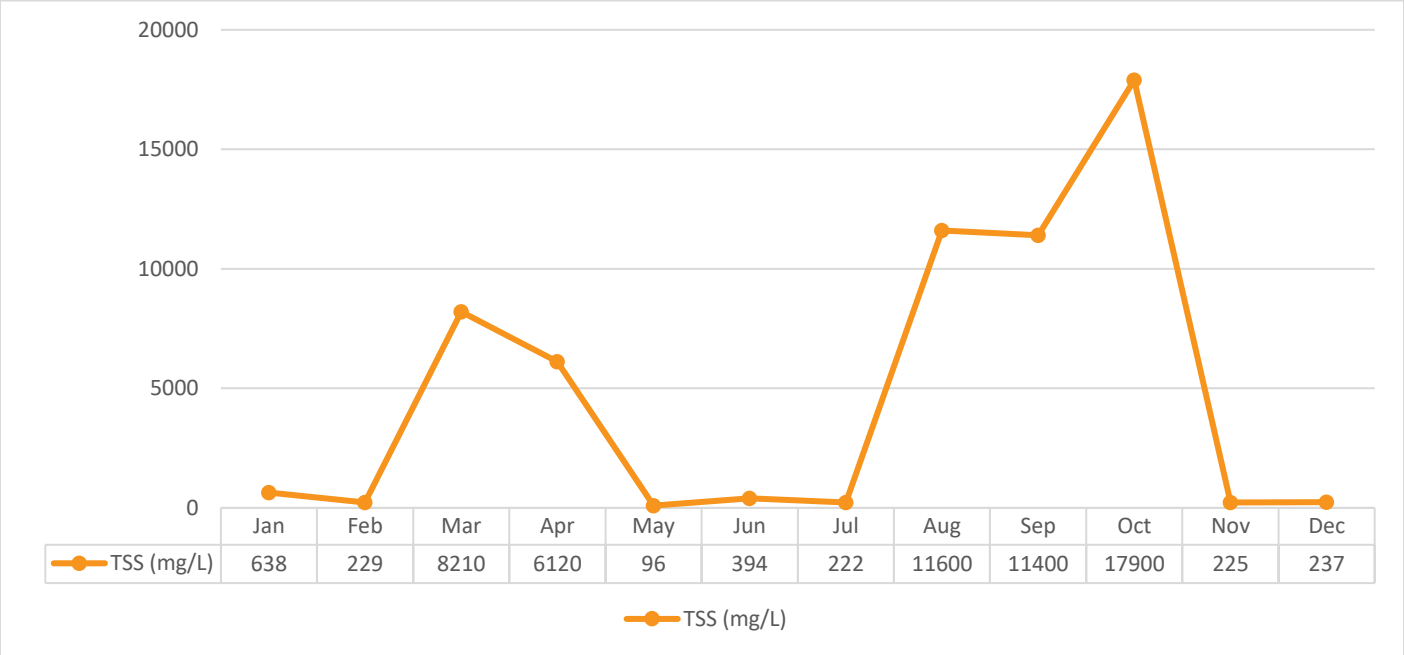
Graph 26. 2025 Monthly BOD_5 Receiving Station Waste Sample Results



Total Suspended Solids (TSS)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires a grab sample be collected monthly and analyzed for Total Suspended Solids. The Total Suspended Solids sample results ranged from 96 mg/L to 17,900 mg/L in 2025.

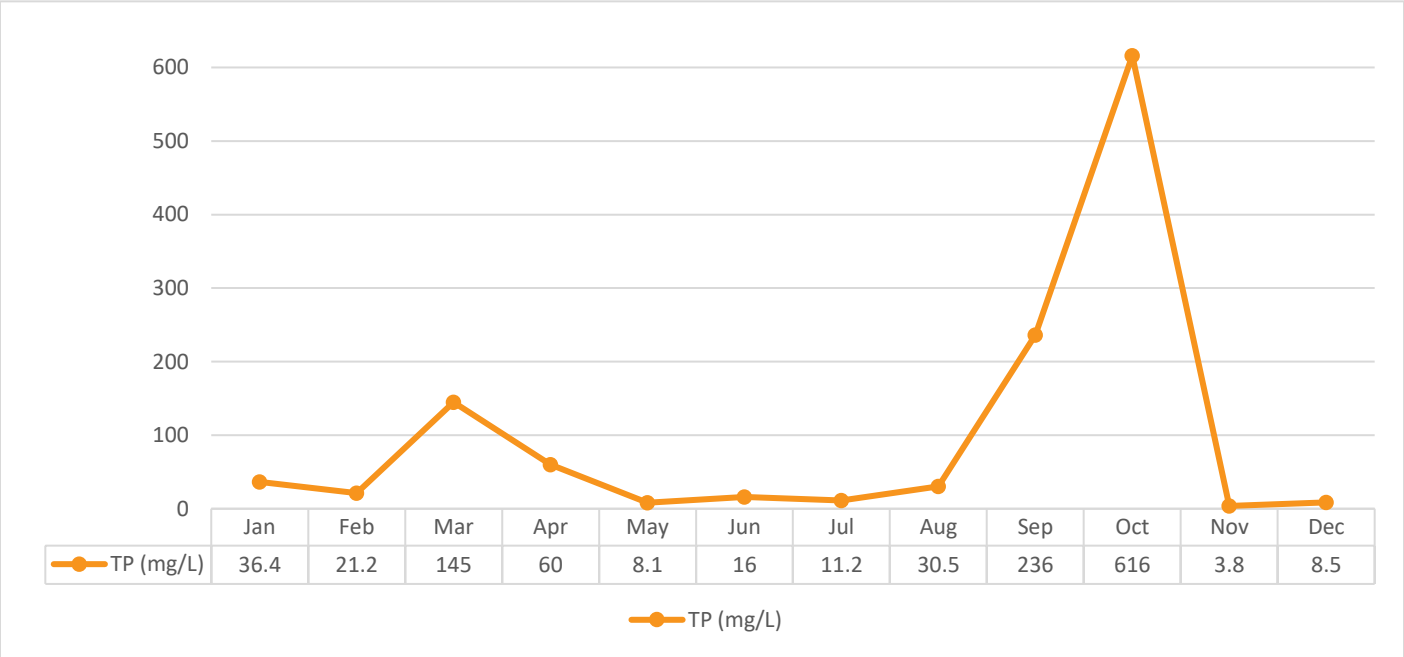
Graph 27. 2025 Monthly Total Suspended Solids Receiving Station Waste Sample Results



Total Phosphorus (TP)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for Total Phosphorus. Results ranged from 8.1 mg/L to 616 mg/L in 2025.

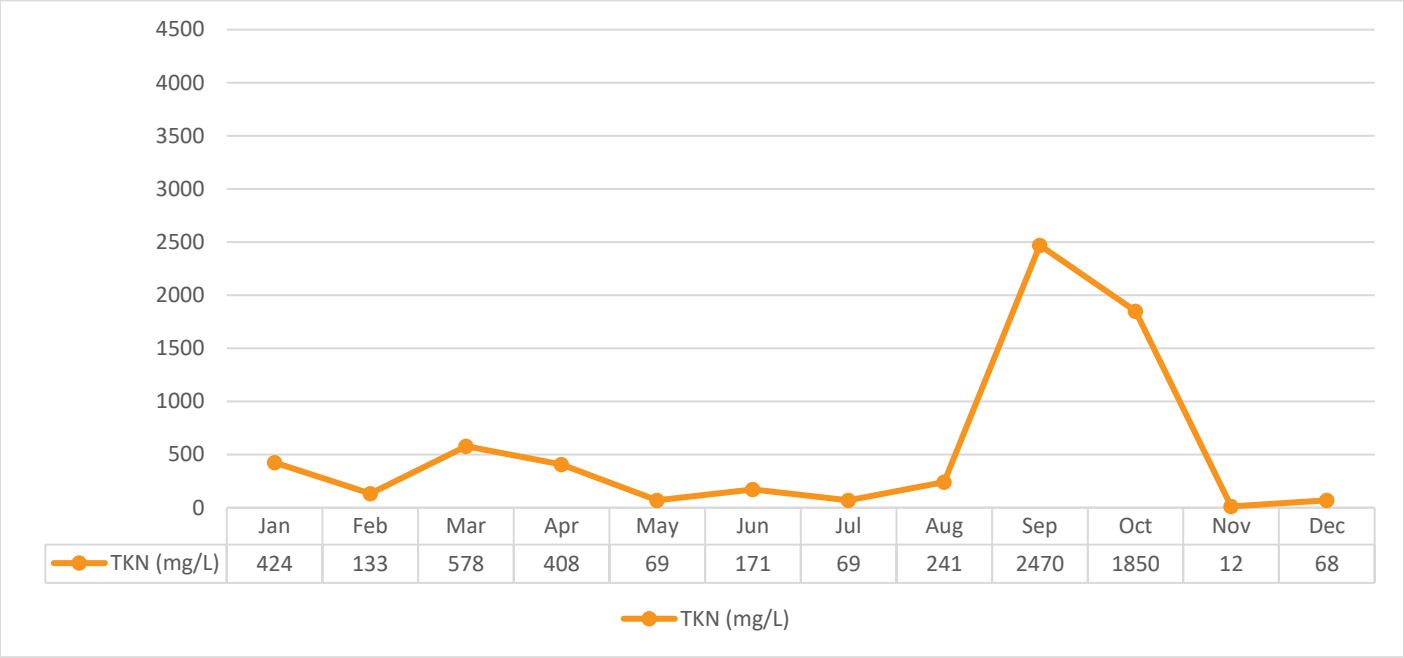
Graph 28. 2025 Monthly Total Phosphorus Receiving Station Waste Sample Results



Total Kjeldahl Nitrogen (TKN)

Environmental Compliance Approval (ECA) #1696-BPLL4R requires one grab sample be collected monthly and analyzed for Total Kjeldahl Nitrogen. Monthly Total Kjeldahl Nitrogen results ranged from 12 mg/L to 2,470 mg/L in 2025.

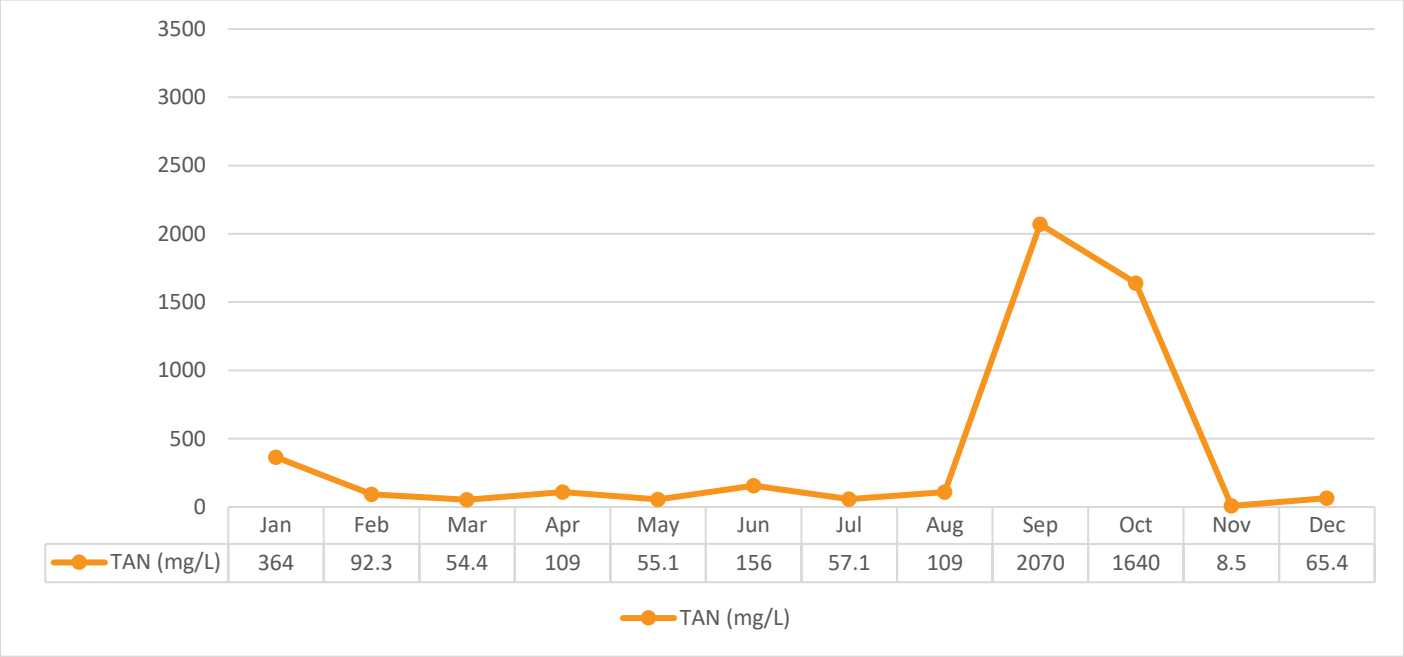
Graph 29. 2025 Monthly Total Kjeldahl Nitrogen Receiving Station Waste Sample Results



Total Ammonia Nitrogen (TAN)

One grab sample was collected from the Receiving Station waste each month in 2025 and analyzed for Total Ammonia Nitrogen. The monthly average concentration results ranged from 8.5 mg/L to 2,070 mg/L.

Graph 30. 2025 Monthly Total Ammonia Nitrogen Receiving Station Waste Sample Results



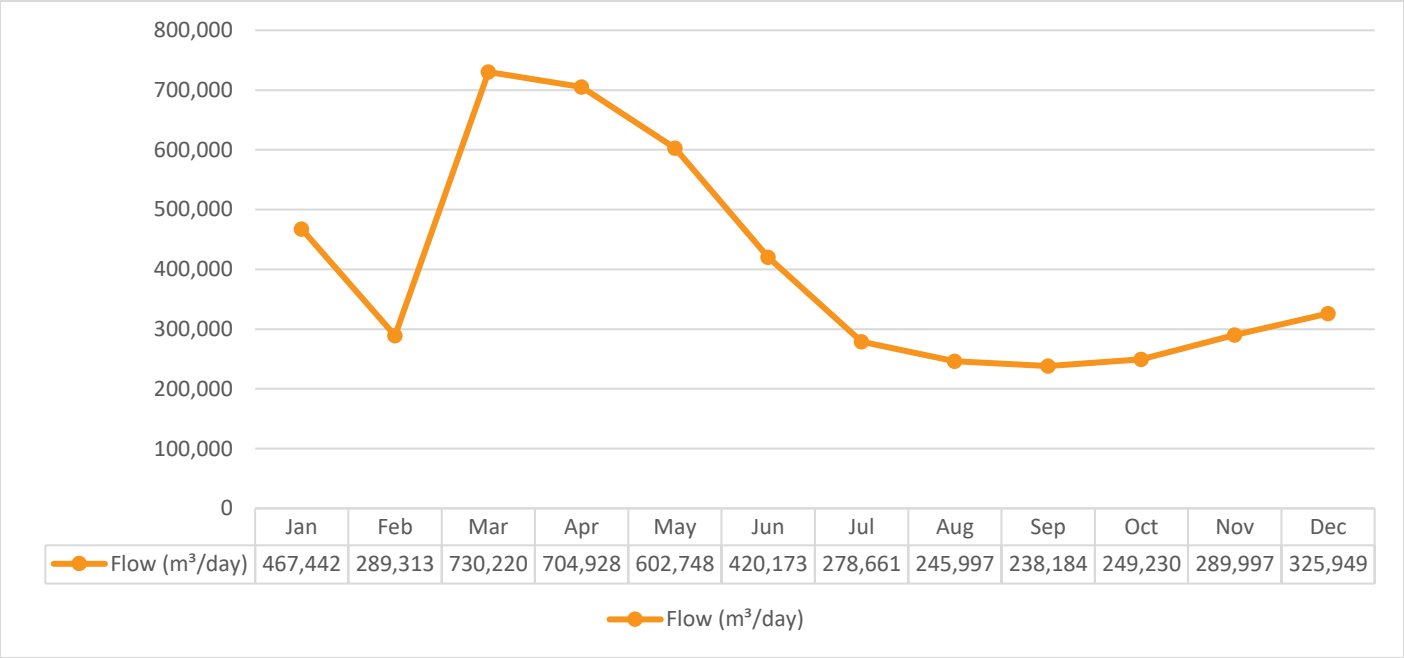
Summary of Final Effluent Monitoring Data to Limits and Objectives

(b) Environmental Compliance Approval (ECA) #1696-BPLL4R requires a summary and interpretation of all Final Effluent monitoring data, including concentration, flow rates, loading and a comparison to the design objectives and compliance limits, including an overview of the success and adequacy of the works be included in the report.

The 2025 Lindsay WPCP annual average daily Effluent flow was 13,268.06 m^3/day and the total Effluent flow in 2025 was 4,842,842 m^3.

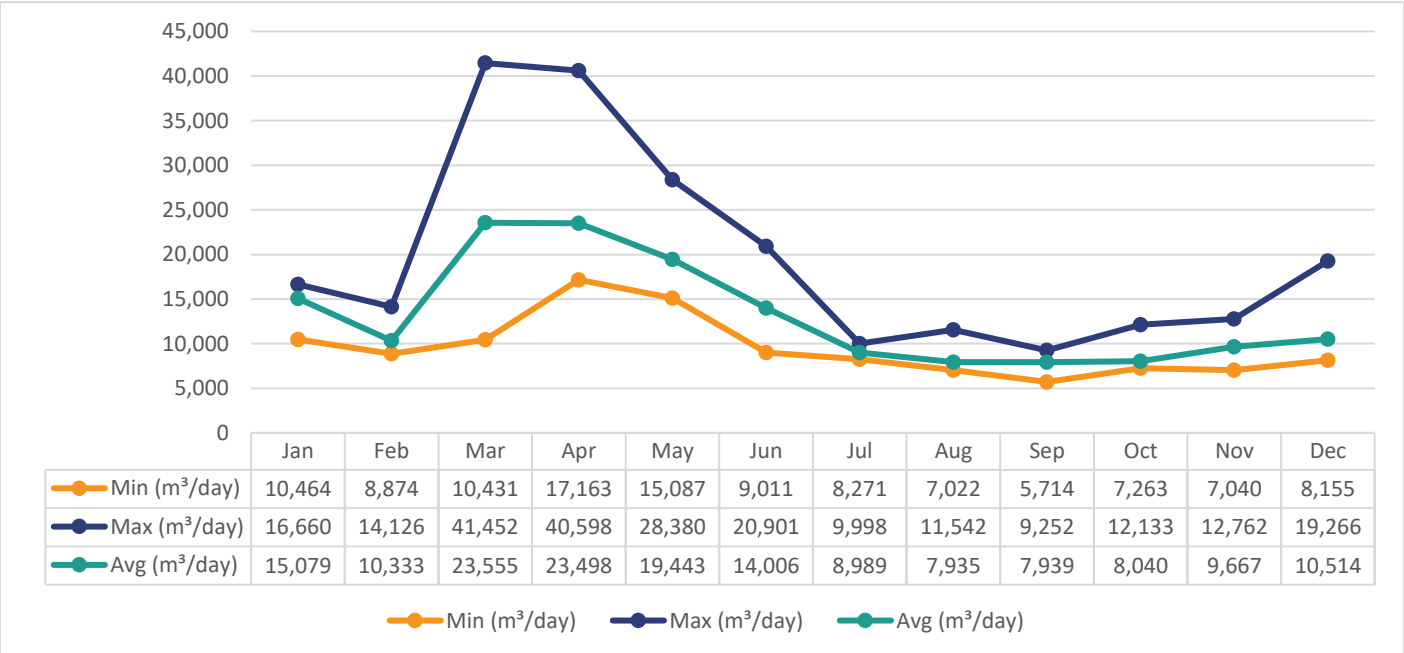
Effluent Flow Monthly Totals

Graph 31. 2025 Final Effluent Monthly Flows



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow (m³/day)	467,442	289,313	730,220	704,928	602,748	420,173	278,661	245,997	238,184	249,230	289,997	325,949

Graph 32. 2025 Final Effluent Daily Minimum, Maximum and Average Flows



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min (m³/day)	10,464	8,874	10,431	17,163	15,087	9,011	8,271	7,022	5,714	7,263	7,040	8,155
Max (m³/day)	16,660	14,126	41,452	40,598	28,380	20,901	9,998	11,542	9,252	12,133	12,762	19,266
Avg (m³/day)	15,079	10,333	23,555	23,498	19,443	14,006	8,989	7,935	7,939	8,040	9,667	10,514

Note: See **Table 8: 2025 Lindsay WWTP Operational Challenges** for information when final effluent totalized daily flow exceeded the limit set out in ECA #1696-BPLL4R

Final Effluent Lab Results

With the substantial completion of Phase 1 Upgrade and Expansion project at the Lindsay WPCP, new limits as outlined in Environmental Compliance Approval (ECA) #1696-BPLL4R Schedule B and C came into effect. This resulted in changes to Final Effluent parameters design objectives listed in Schedule B, and compliance limits for the Final Effluent parameters listed in the table(s) included in Schedule C. These changes came into effect February 1, 2023.

Table 2. $CBOD_5$ Objective and Limits

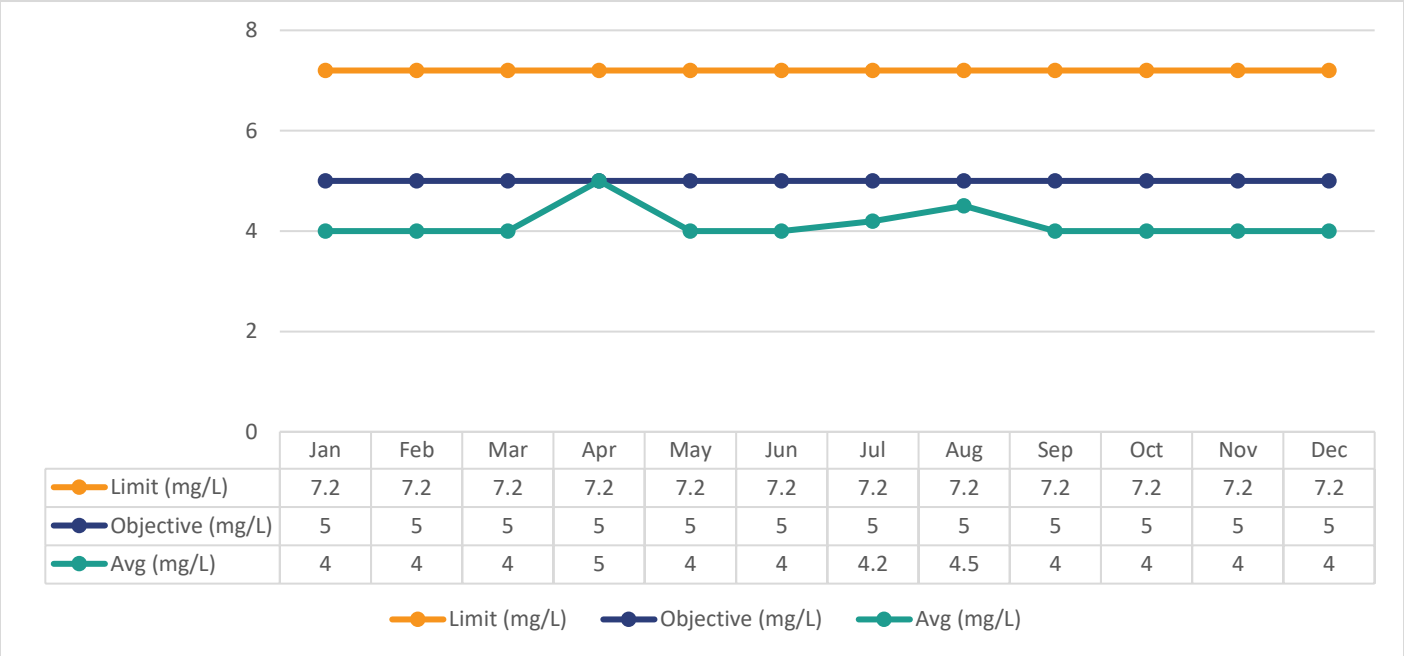
Current	Objective (mg/L)	5.0
	Limit (mg/L)	7.2
	Loading Limit (kg/d)	176.4

Note: The objective, limit and loading limit is a monthly average.

The monthly average concentration results ranged from 4.0 mg/L to 5.0 mg/L in 2025.

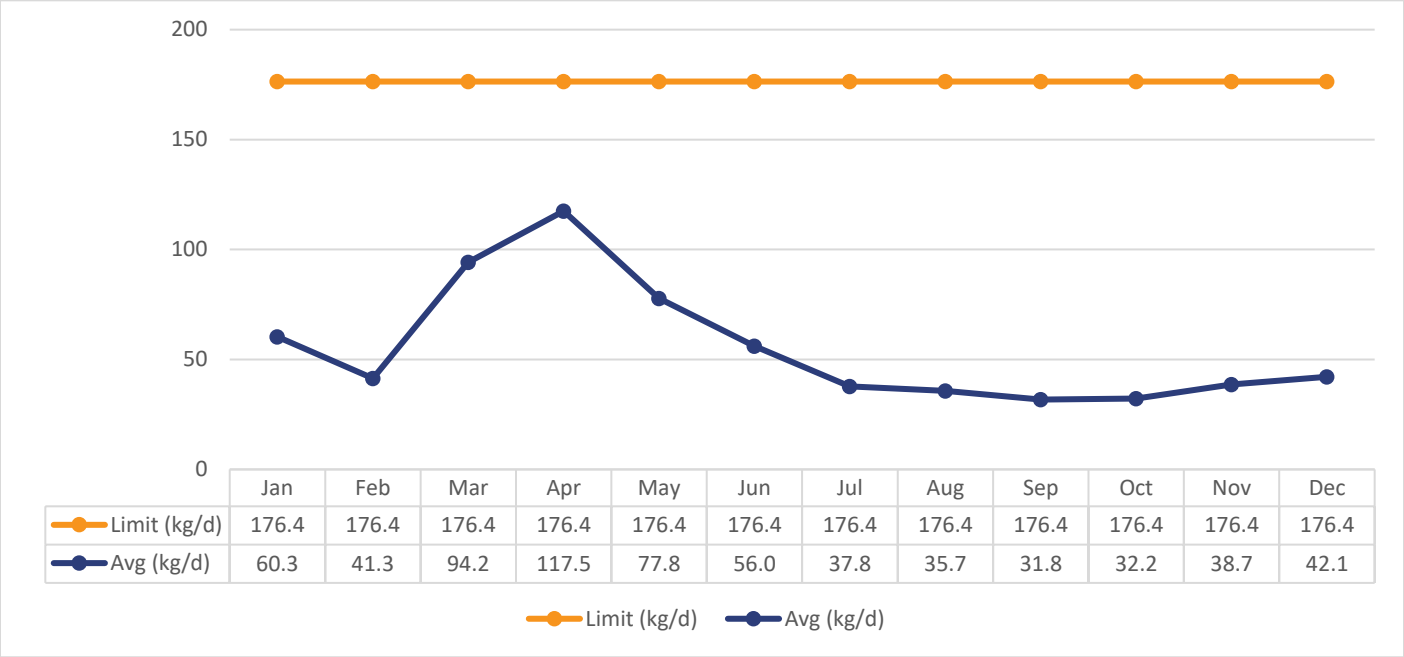
The monthly $CBOD_5$ average concentration results and monthly average waste loading throughout 2025 were in compliance with the limits outlined in the ECA.

Graph 33. 2025 Monthly Final Effluent $CBOD_5$ Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (mg/L)	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Objective (mg/L)	5	5	5	5	5	5	5	5	5	5	5	5
Avg (mg/L)	4	4	4	5	4	4	4.2	4.5	4	4	4	4

Graph 34. 2025 Monthly Final Effluent $CBOD_5$ Average Waste Loading Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (kg/d)	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4
Avg (kg/d)	60.3	41.3	94.2	117.5	77.8	56.0	37.8	35.7	31.8	32.2	38.7	42.1

Total Suspended Solids (TSS)

The table below outlines the TSS design objectives and compliance limits set in the Environmental Compliance Approval (ECA) #1696-BPLL4R.

Table 3. Total Suspended Solids Objective and Limits

Current	Objective (mg/L)	7.4
	Limit (mg/L)	11.0
	Loading Limit (kg/d)	238.0

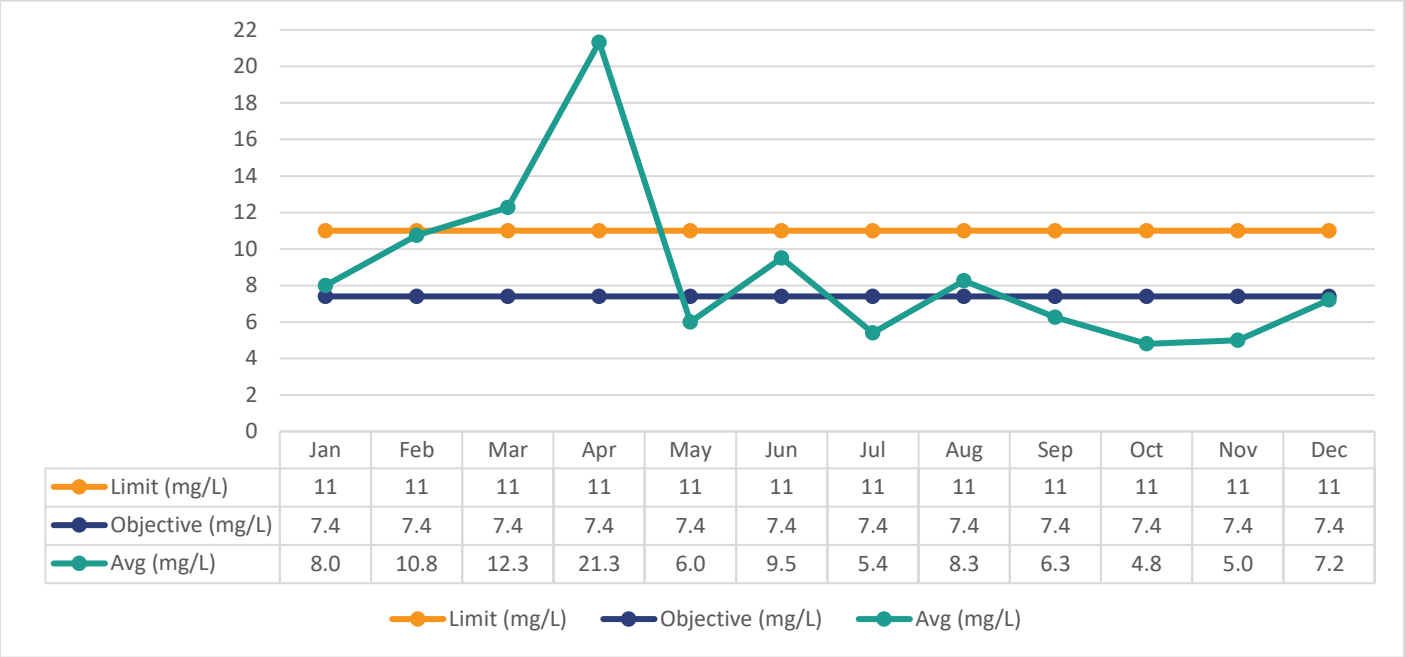
Note: The objective, limit and loading limit is a monthly average.

The monthly average concentration results ranged from 4.8 mg/L to 21.3 mg/L in 2025.

The monthly average waste loading concentration results ranged from 38.59 kg/day to 501.25 kg/day.

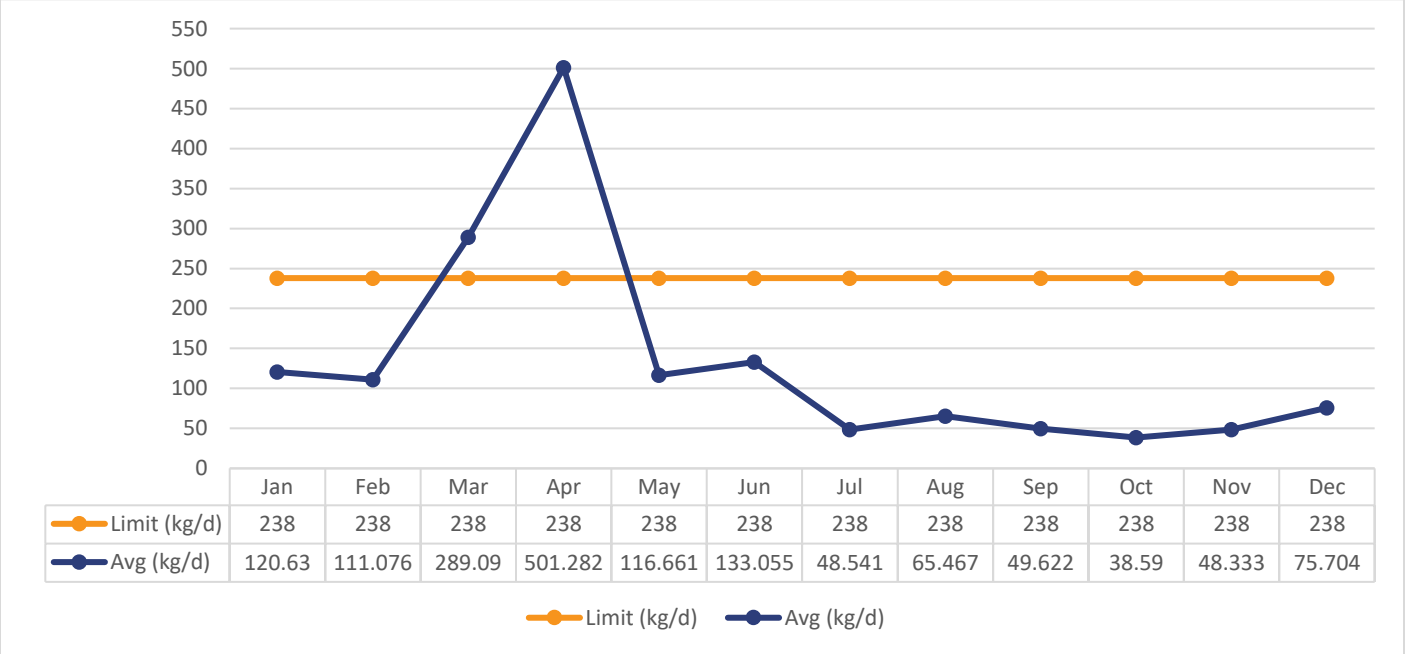
The TSS monthly concentration effluent objective was not met in January, February, March, April, June and August in 2025. The TSS monthly concentration limit and the monthly average waste loading concentration limit was not met in March and April. The TSS monthly concentration effluent objective were not met due to high flows from heavy rain and snow melt and having alternating North and South Clarifiers offline due to capital improvements. Throughout 2025, the Total Suspended Solids monthly removal rates ranged from 87.73% to 98.64%.

Graph 35. 2025 Monthly Final Effluent TSS Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (mg/L)	11	11	11	11	11	11	11	11	11	11	11	11
Objective (mg/L)	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Avg (mg/L)	8.0	10.8	12.3	21.3	6.0	9.5	5.4	8.3	6.3	4.8	5.0	7.2

Graph 36. 2025 Monthly Final Effluent TSS Average Waste Loading Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (kg/d)	238	238	238	238	238	238	238	238	238	238	238	238
Avg (kg/d)	120.63	111.076	289.09	501.282	116.661	133.055	48.541	65.467	49.622	38.59	48.333	75.704

Total (Ammonia+Ammonium) Nitrogen (TAN)

The table below outlines the TAN design objectives and compliance limits set in the Environmental Compliance Approval (ECA) #1696-BPLL4R.

Table 4. Total Ammonia Nitrogen Objective and Limits

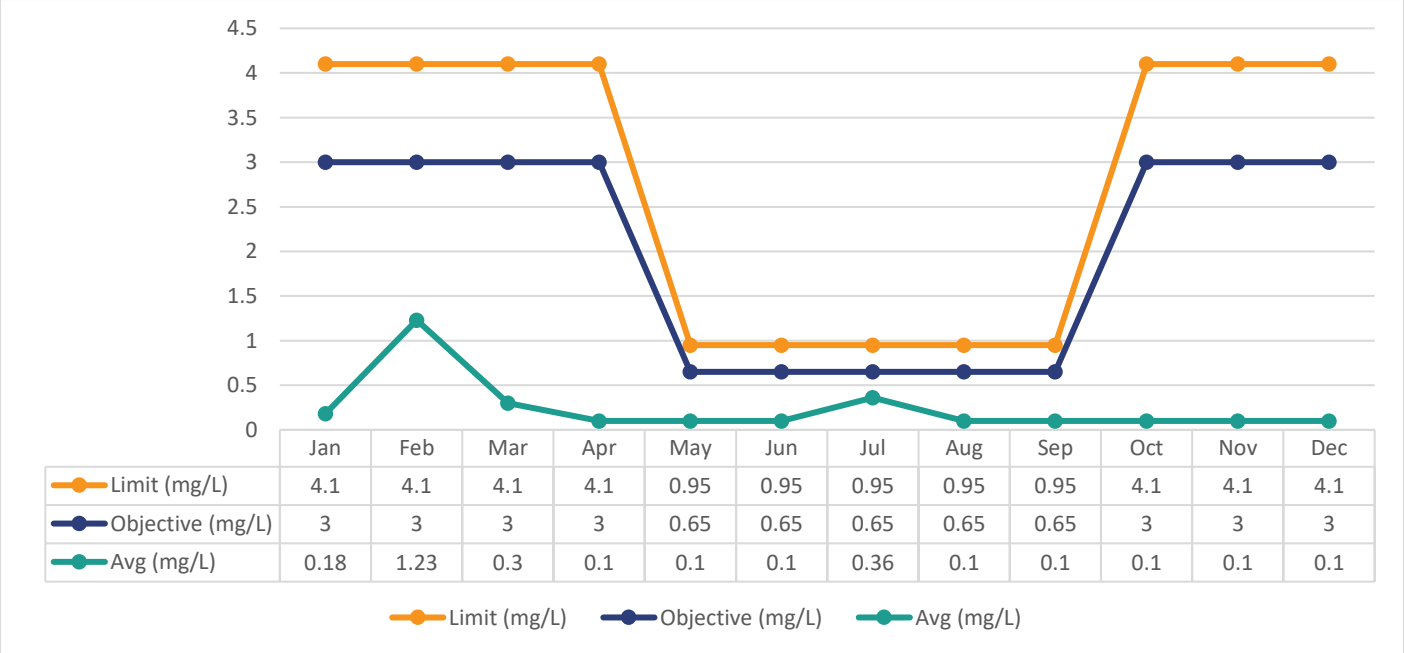
Current	May – Sept 30 Objective (mg/L)	0.65
	Oct 1 – Apr 30 Objective (mg/L)	3.0
	May 1 – Sept 30 Limit (mg/L)	0.95
	Oct 1 – Apr 30 Limit (mg/L)	4.1
	May 1 – Sept 30 Loading Limit (kg/d)	23.4
	Oct 1 – Apr 30 Loading Limit (kg/d)	99.5

Note: The objective, limit and loading limit is a monthly average.

The Lindsay WPCP has seen steady results, very often receiving individual results less than the laboratory method detection limit of 0.1 mg/L throughout 2025.

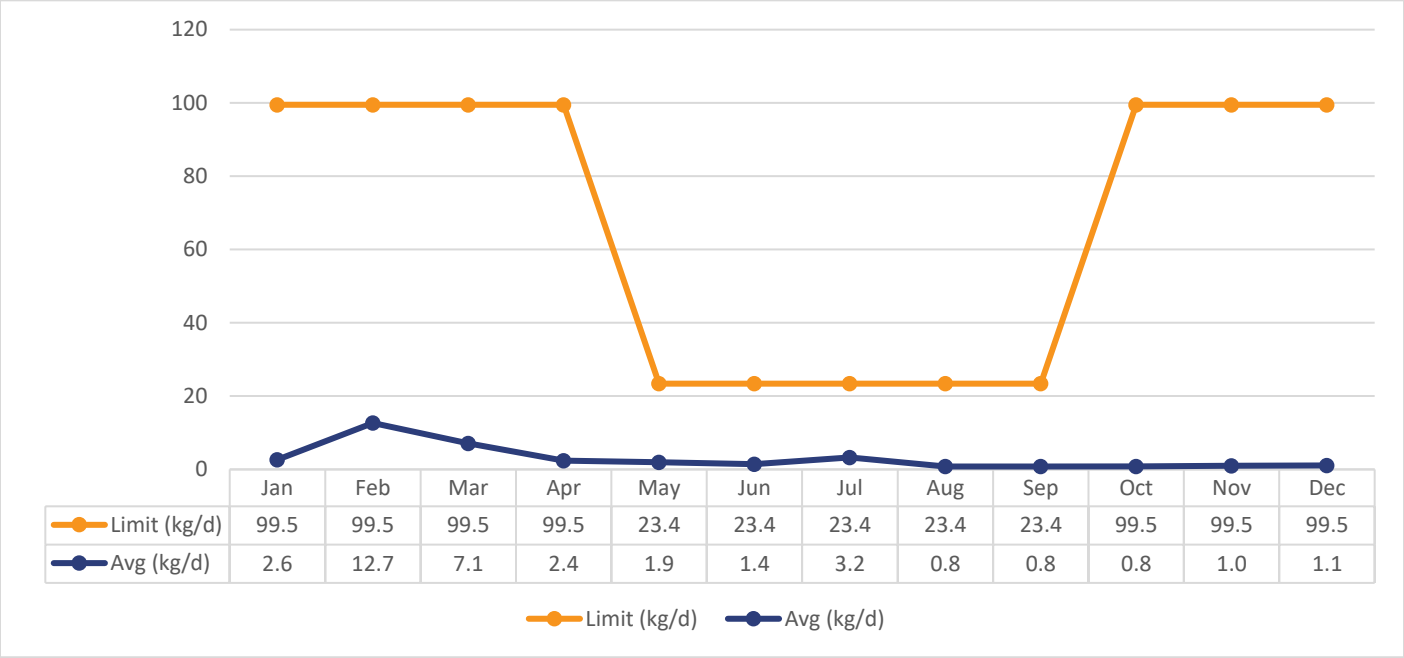
The monthly Total (Ammonia + Ammonium) Nitrogen average concentration results and monthly average waste loading results throughout 2025 were in compliance with the limits outlined in the ECA.

Graph 37. 2025 Monthly Final Effluent TAN Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (mg/L)	4.1	4.1	4.1	4.1	0.95	0.95	0.95	0.95	0.95	4.1	4.1	4.1
Objective (mg/L)	3	3	3	3	0.65	0.65	0.65	0.65	0.65	3	3	3
Avg (mg/L)	0.18	1.23	0.3	0.1	0.1	0.1	0.36	0.1	0.1	0.1	0.1	0.1

Graph 38. 2025 Monthly Final Effluent TAN Average Waste Loading Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (kg/d)	99.5	99.5	99.5	99.5	23.4	23.4	23.4	23.4	23.4	99.5	99.5	99.5
Avg (kg/d)	2.6	12.7	7.1	2.4	1.9	1.4	3.2	0.8	0.8	0.8	1.0	1.1

Total Phosphorus (TP)

The table below outlines the Total Phosphorus design objectives and compliance limits set in Environmental Compliance Approval (ECA) #1696-BPLL4R.

Table 5. Total Phosphorus Objective and Limits

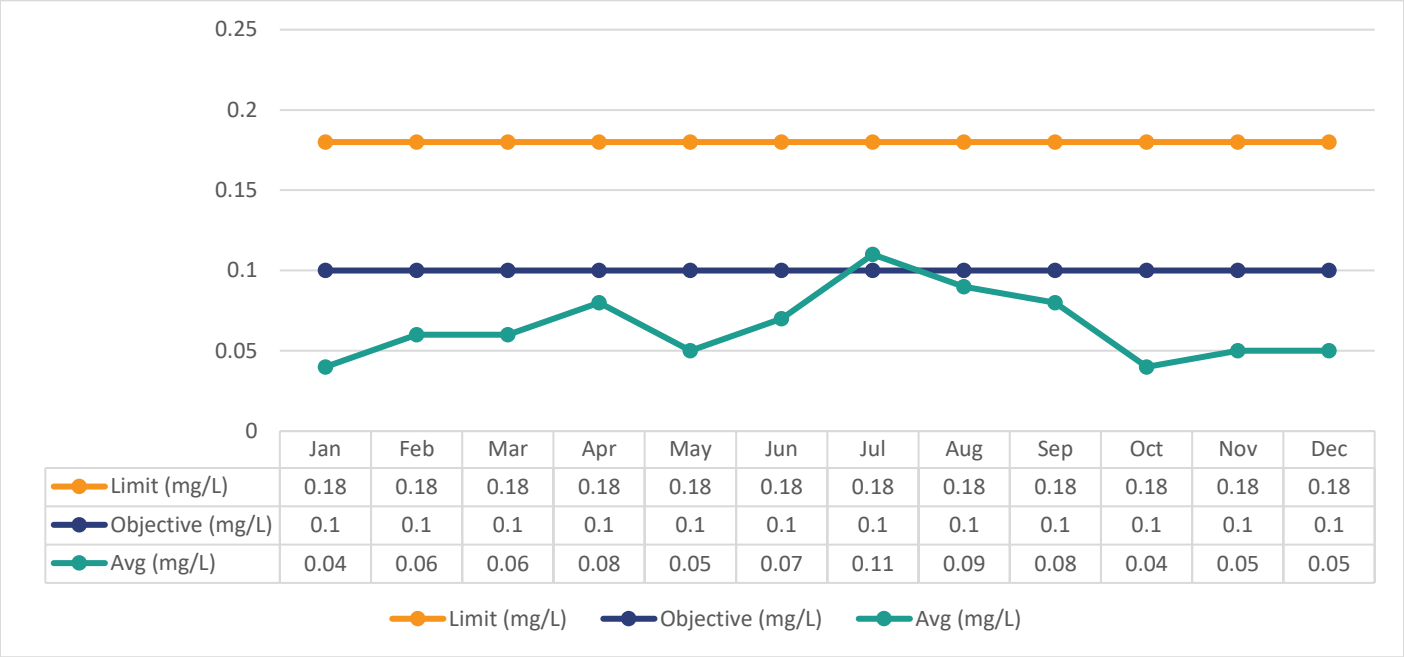
Current	Objective (mg/L)	<0.1
	Limit (mg/L)	0.18
	Loading Limit (kg/d)	4.3

Note: The objective, limit and loading limit is a monthly average.

The monthly Total Phosphorus average concentration results throughout 2025 were less than the concentration objectives, except in July and close to the objective in April and August.

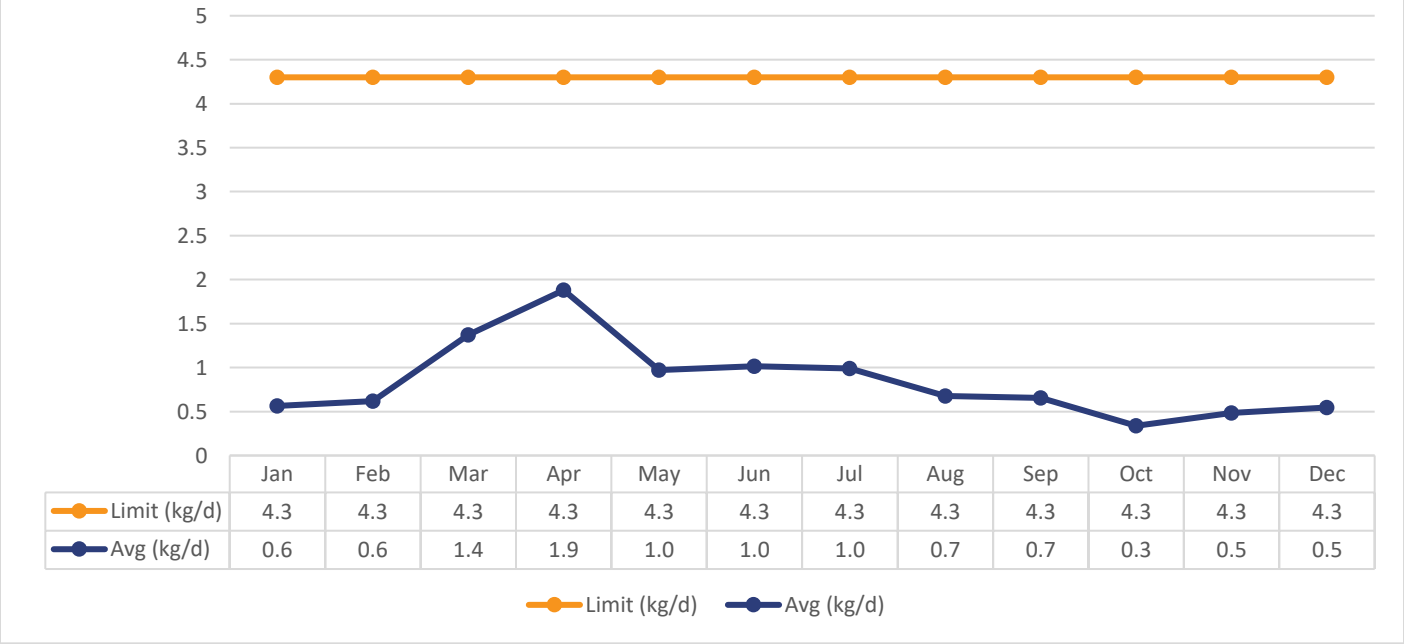
The monthly Total Phosphorus average concentration limits and monthly average waste loading limits throughout 2025 were in compliance with the limits outlined in the ECA.

Graph 39. 2025 Monthly Final Effluent Total Phosphorus Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (mg/L)	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Objective (mg/L)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Avg (mg/L)	0.04	0.06	0.06	0.08	0.05	0.07	0.11	0.09	0.08	0.04	0.05	0.05

Graph 40. 2025 Monthly Final Effluent Total Phosphorus Average Waste Loading Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (kg/d)	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Avg (kg/d)	0.6	0.6	1.4	1.9	1.0	1.0	1.0	0.7	0.7	0.3	0.5	0.5

E. coli

The table below outlines the E. coli design objectives and compliance limits set in Environmental Compliance Approval (ECA) #1696-BPLL4R.

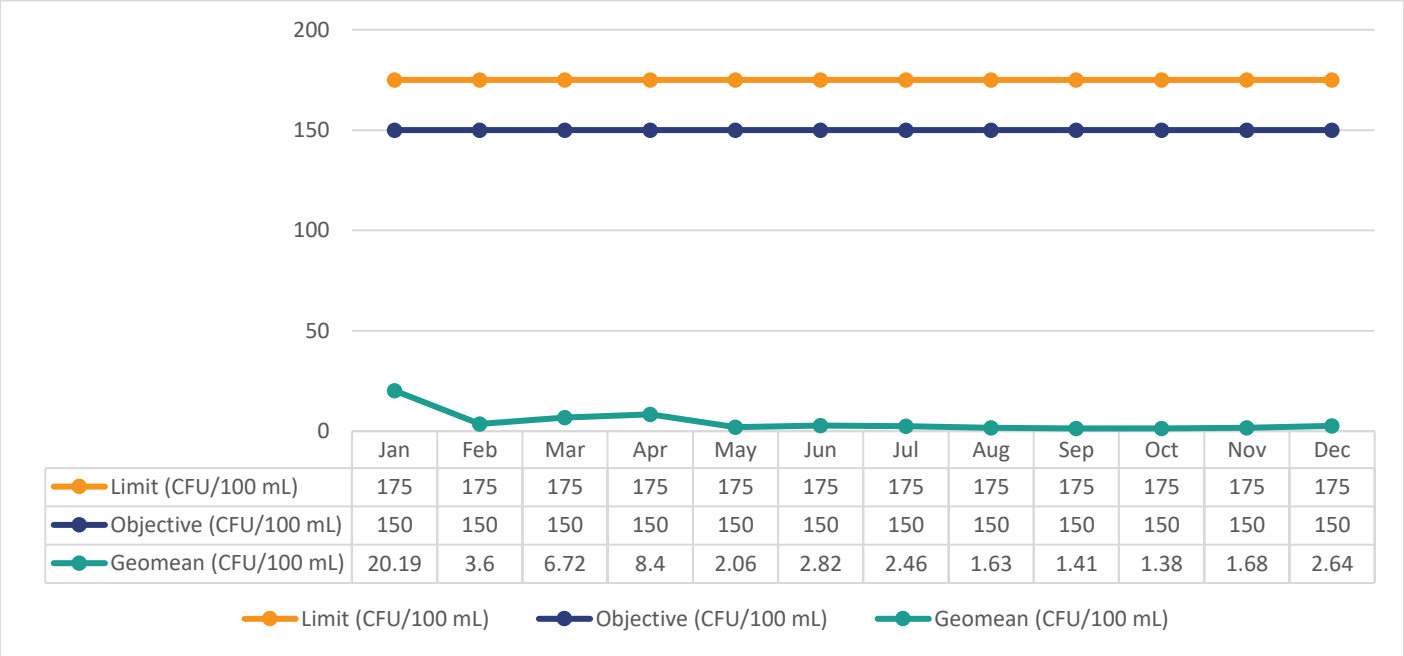
Table 6. E. coli Objective and Limits

Current	Objective (CFU/mL)	150 Monthly GMD*
	Limit (CFU/mL)	175 Monthly GMD*

*Geometric Mean Density

The final effluent results were less than the E. coli monthly geometric mean density limit and objective throughout 2025.

Graph 41. 2025 Monthly Final Effluent E. coli Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Limit (CFU/100 mL)	175	175	175	175	175	175	175	175	175	175	175	175
Objective (CFU/100 mL)	150	150	150	150	150	150	150	150	150	150	150	150
Geomean (CFU/100 mL)	20.19	3.6	6.72	8.4	2.06	2.82	2.46	1.63	1.41	1.38	1.68	2.64

Acute Lethality to Rainbow Trout and Daphnia Magna

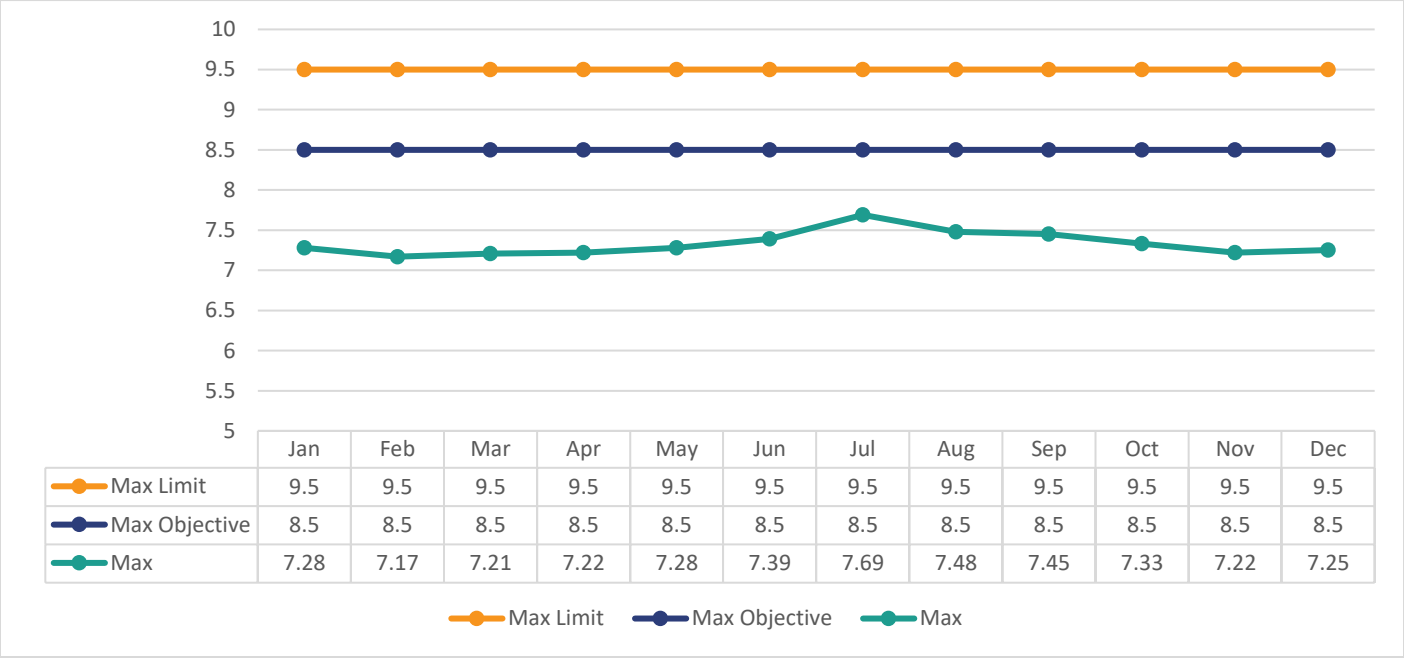
Quarterly effluent samples were collected for analysis for acute lethality to Rainbow Trout and Daphnia Magna and a summary of the results are provided in **Appendix I: Acute Lethality Analysis Results**. Samples were collected on January 7, April 8, July 3 and October 1 2025. All of the 2025 samples resulted in a 0% mortality rate for both Rainbow Trout and Daphnia Magna.

pH

Environmental Compliance Approval (ECA) #1696-BPLL4R set a pH compliance limit within the range of 6.0 to 9.5, inclusive, at all times on the effluent. Every pH reading in 2025 was within the compliance limits set by the ECA.

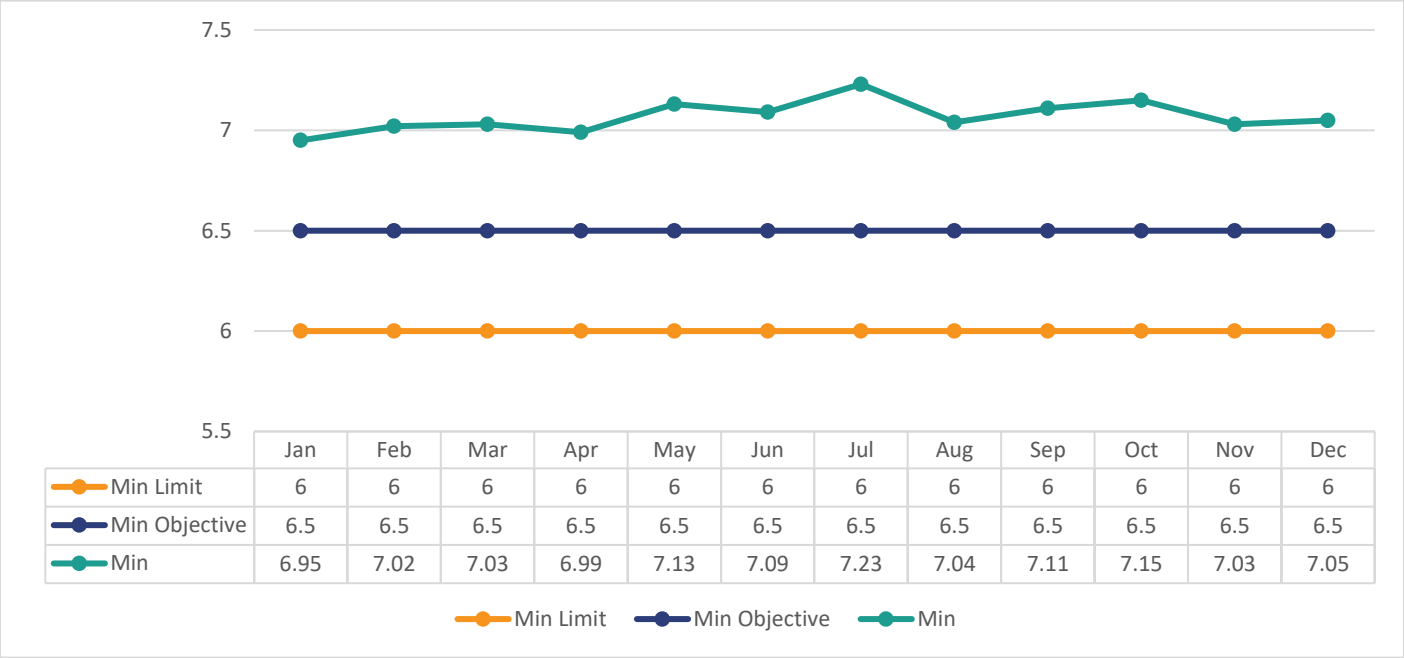
Environmental Compliance Approval (ECA) #1696-BPLL4R set the pH objective of each single sample result between 6.5 and 8.5, inclusive, at all times on the effluent. Every pH reading in 2025 was within the compliance objectives set by the ECA.

Graph 42. 2025 Monthly Final Effluent Maximum pH Concentration Comparisons



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max Limit	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Max Objective	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Max	7.28	7.17	7.21	7.22	7.28	7.39	7.69	7.48	7.45	7.33	7.22	7.25

Graph 43. 2025 Monthly Final Effluent Minimum pH Concentration Comparisons

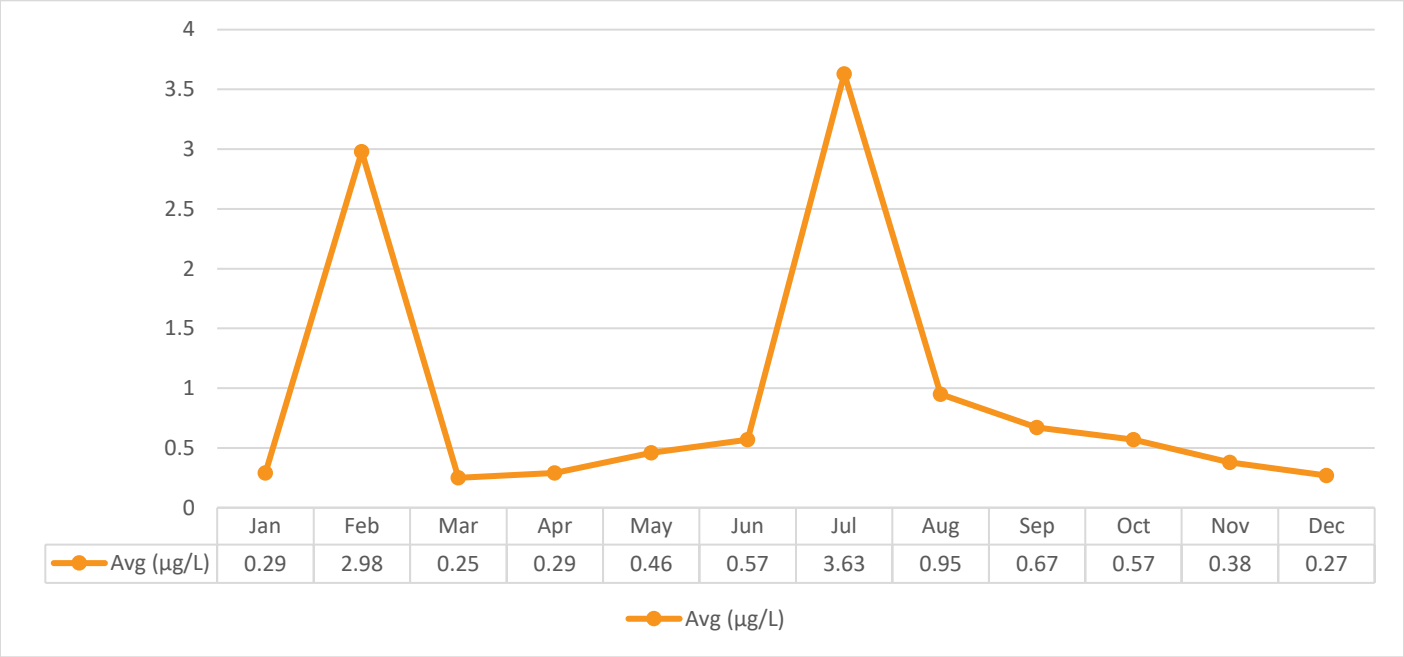


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Min Limit	6	6	6	6	6	6	6	6	6	6	6	6
Min Objective	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Min	6.95	7.02	7.03	6.99	7.13	7.09	7.23	7.04	7.11	7.15	7.03	7.05

Unionized Ammonia

Unionized Ammonia is calculated monthly based on the final effluent Total Ammonia Nitrogen results and the field pH and Temperature collected at the same time as the TAN sample. The average monthly results ranged between 0.25 µg/L and 3.63 µg/L. Environmental Compliance Approval (ECA) #1696-BPLL4R does not set an Unionized Ammonia limit or objective.

Graph 44. 2025 Monthly Final Effluent Unionized Ammonia Average Concentration



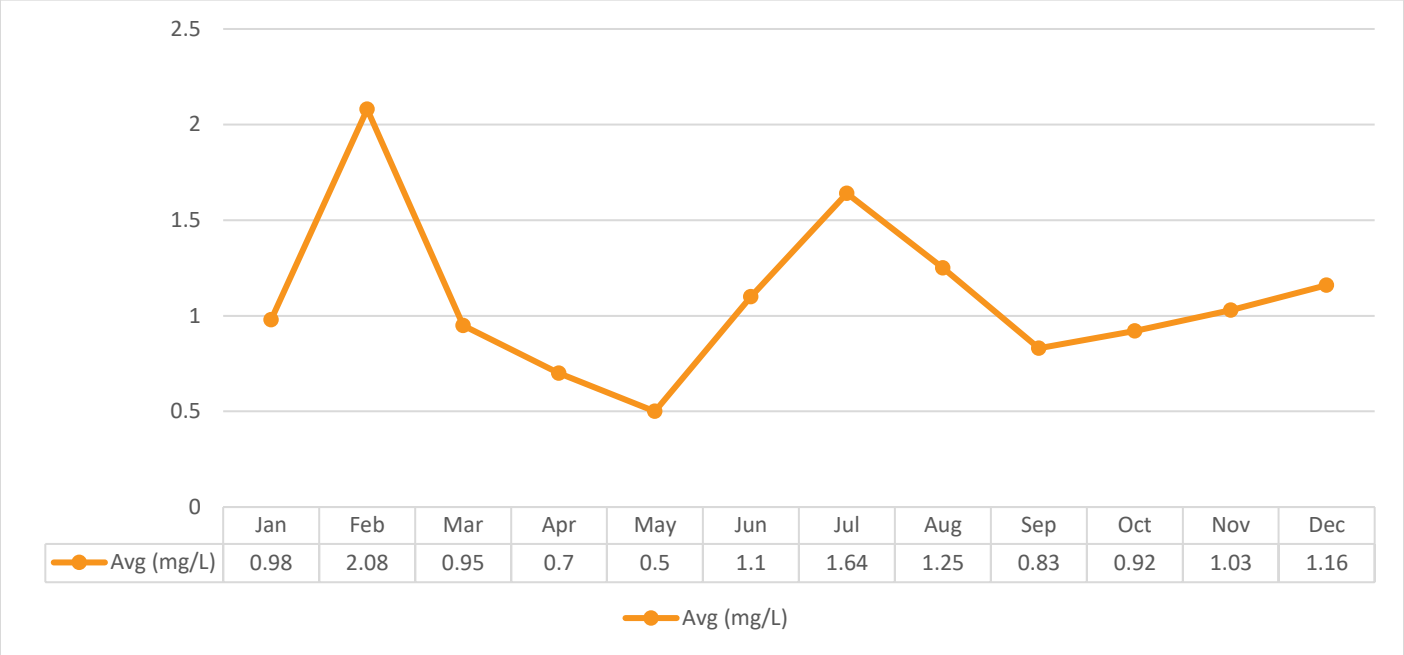
Additional Parameters

The following parameters are requirements of Environmental Compliance Approval (ECA) #1696-BPLL4R, but are not designated average concentration limits or average waste loading limits.

Total Kjeldahl Nitrogen (TKN)

Total Kjeldahl Nitrogen is sampled weekly and the average monthly results ranged between 0.50 mg/L and 2.08 mg/L in 2025.

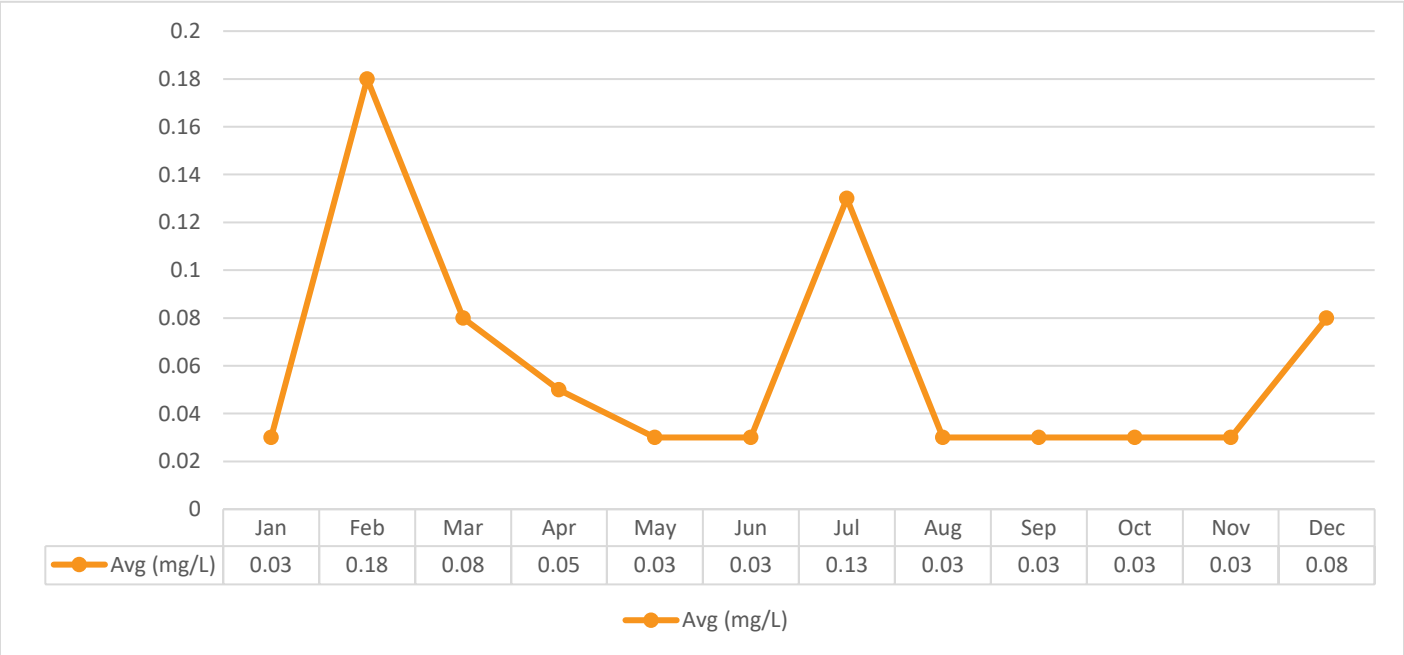
Graph 45. 2025 Monthly Final Effluent TKN Average Concentration



Nitrite as Nitrogen

Nitrite is sampled weekly and the average monthly results ranged between the laboratory method detection limit of <0.03 mg/L and 0.18 mg/L in 2025.

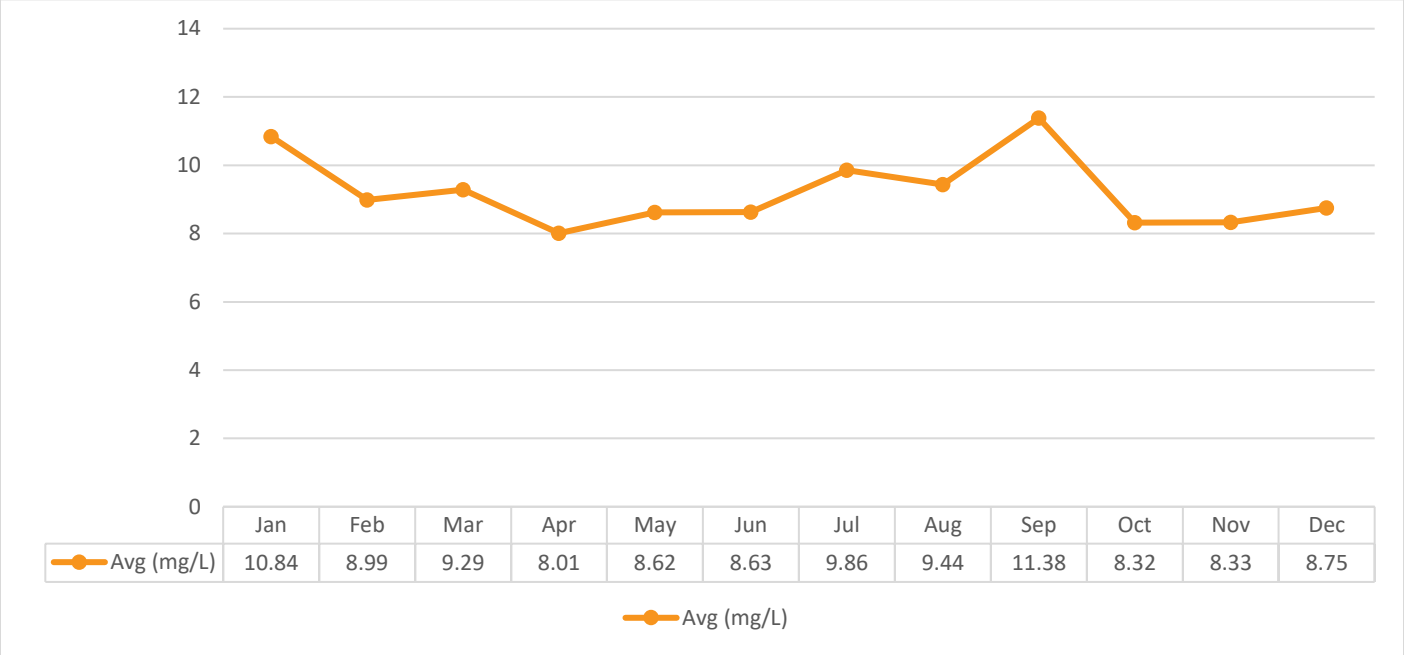
Graph 46. 2025 Monthly Final Effluent Nitrite Average Concentration



Nitrate as Nitrogen

Nitrate is sampled weekly and the average monthly results ranged between 8.01 mg/L and 11.38 mg/L in 2025.

Graph 47. 2025 Monthly Final Effluent Nitrate Average Concentration

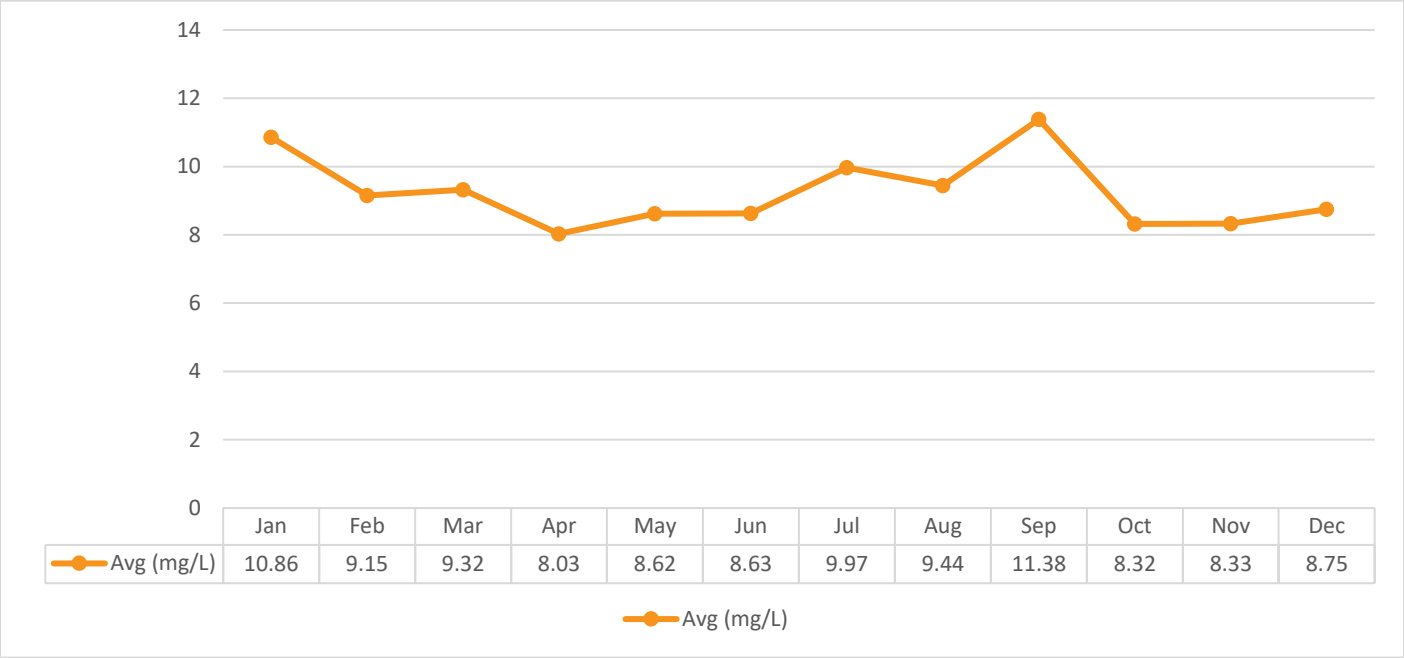


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Avg (mg/L)	10.84	8.99	9.29	8.01	8.62	8.63	9.86	9.44	11.38	8.32	8.33	8.75

Nitrite + Nitrate as Nitrogen

Nitrite + Nitrate is sampled weekly and the average monthly results ranged between 8.03 mg/L and 11.38 mg/L in 2025.

Graph 48. 2025 Monthly Final Effluent Nitrite + Nitrate Average Concentration



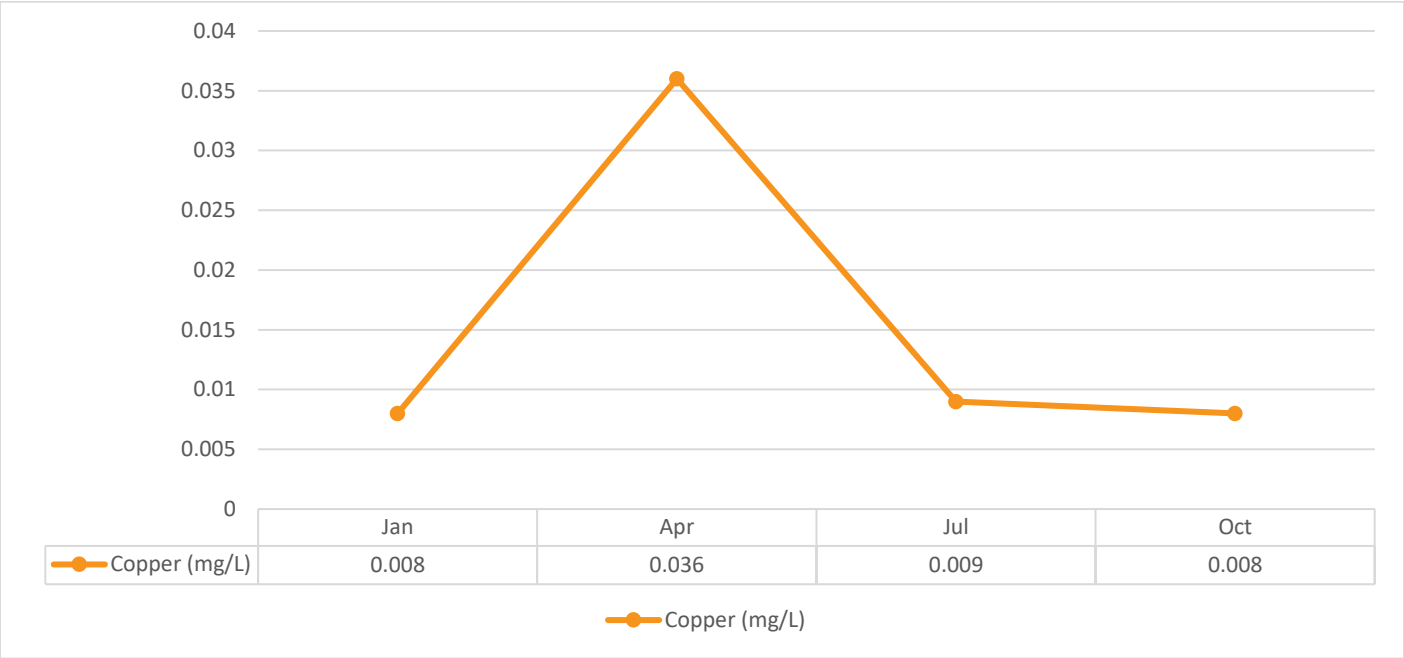
Final Effluent Samples Used for Leachate Related Monitoring

Samples are collected of the Final Effluent quarterly for the purpose of Leachate related monitoring for the Lindsay Ops Landfill as a requirement of Environmental Compliance Approval (ECA) #1696-BPLL4R.

Copper

Copper was sampled quarterly in 2025 and the results ranged between 0.008 mg/L and 0.036 mg/L.

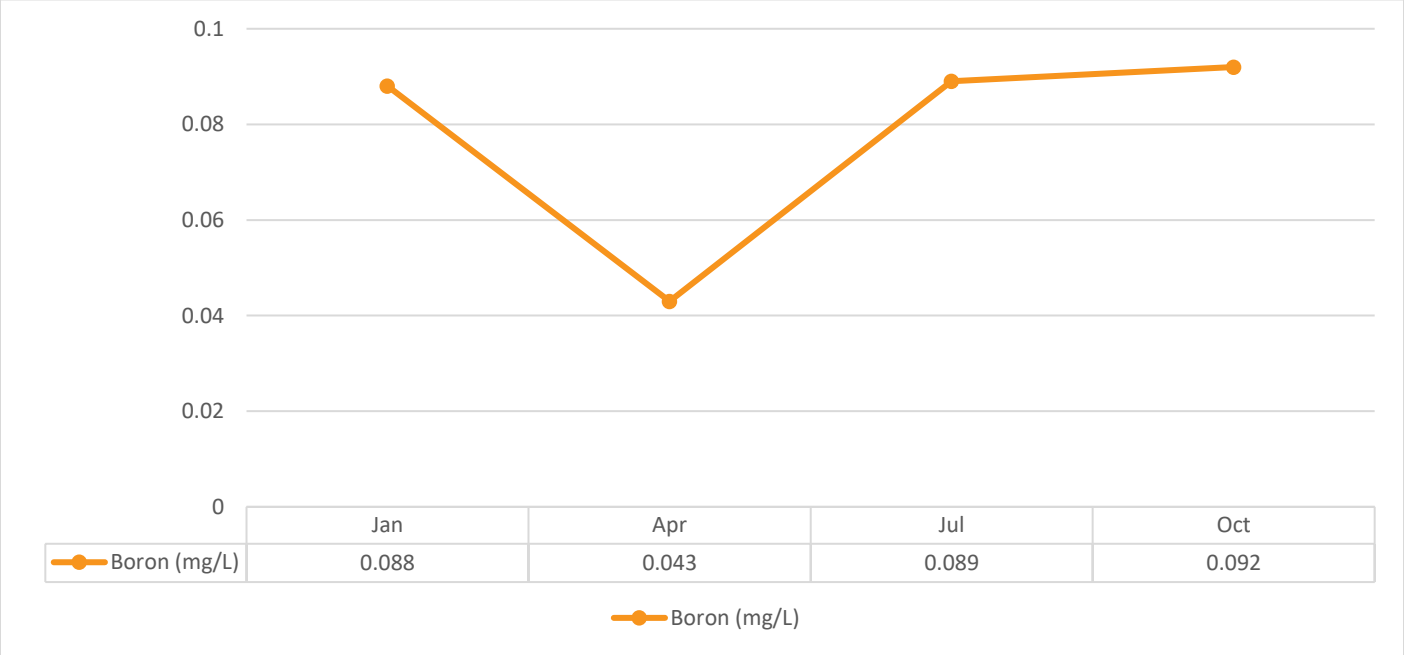
Graph 49. 2025 Final Effluent Copper Concentration



Boron

Boron was sampled quarterly in 2025 and the results ranged between 0.043 mg/L and 0.092 mg/L.

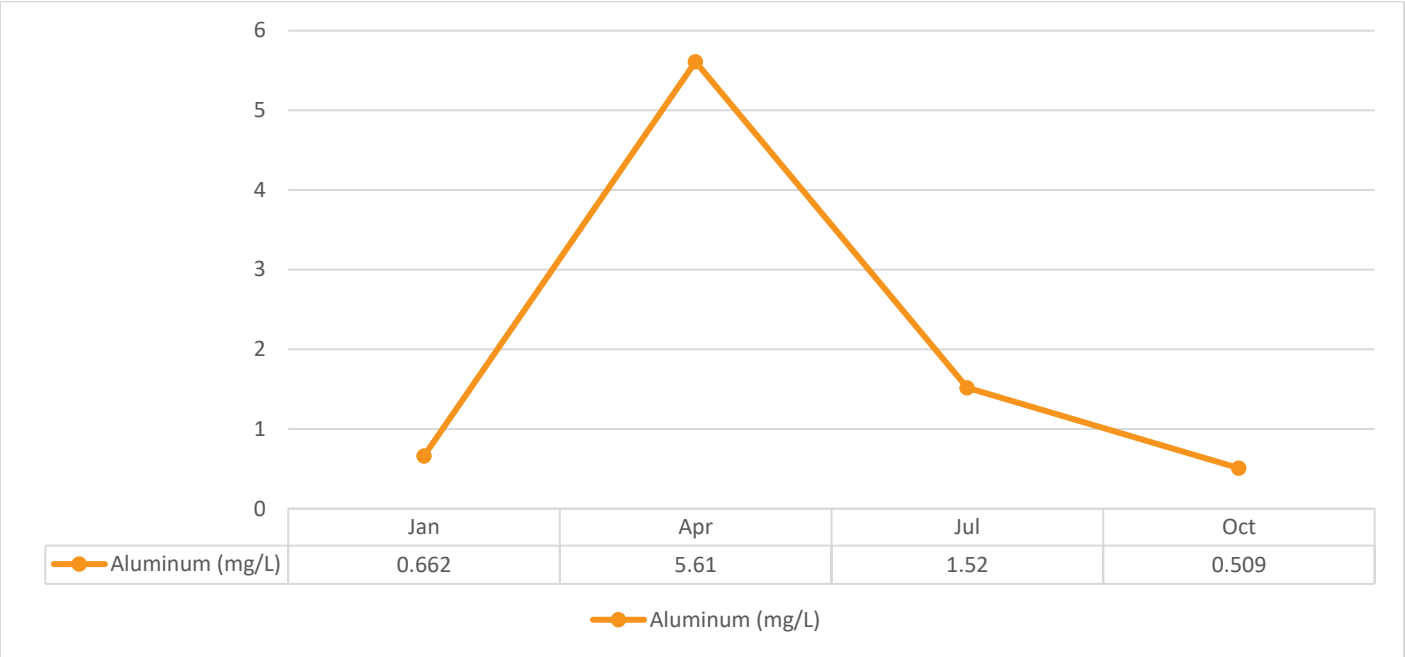
Graph 50. 2025 Final Effluent Boron Concentration



Aluminum (Total)

Aluminum was sampled quarterly in 2025 and the results ranged between 0.509 mg/L and 5.61 mg/L.

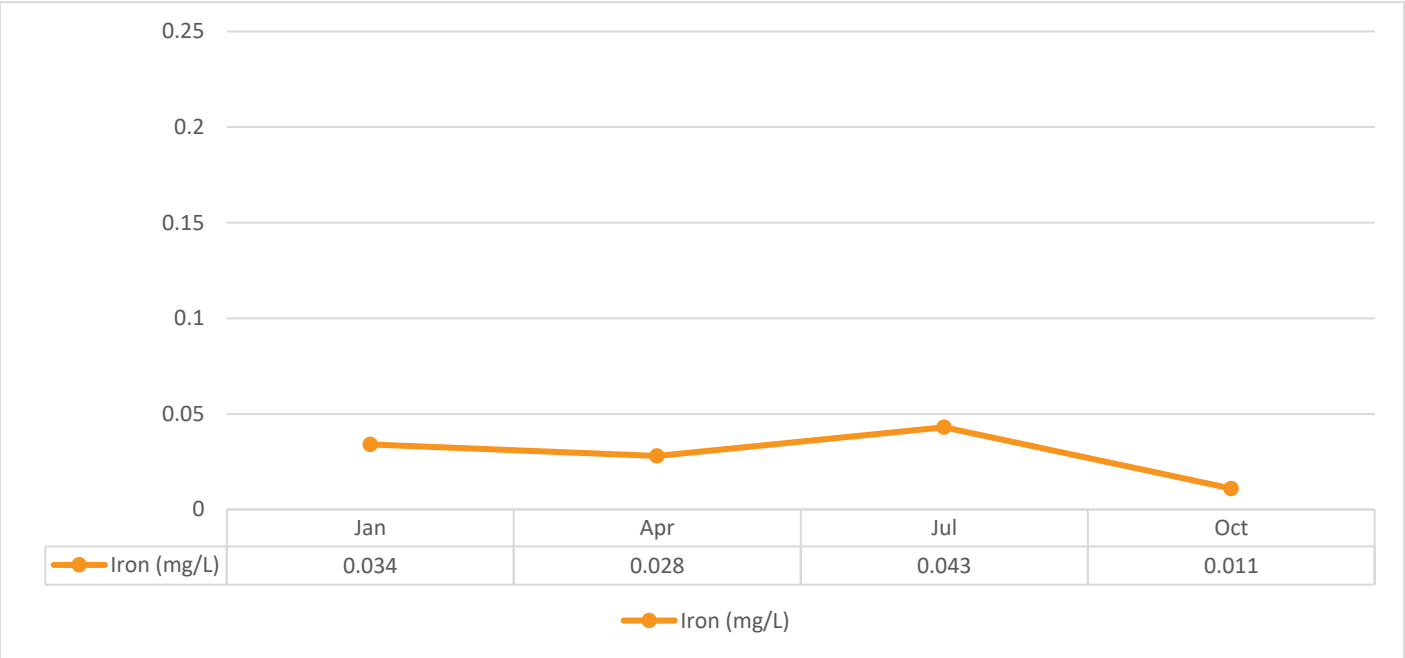
Graph 51. 2025 Final Effluent Aluminum Concentration



Iron (Total)

Iron was sampled quarterly in 2025 and the results ranged between 0.011 mg/L and 0.43 mg/L.

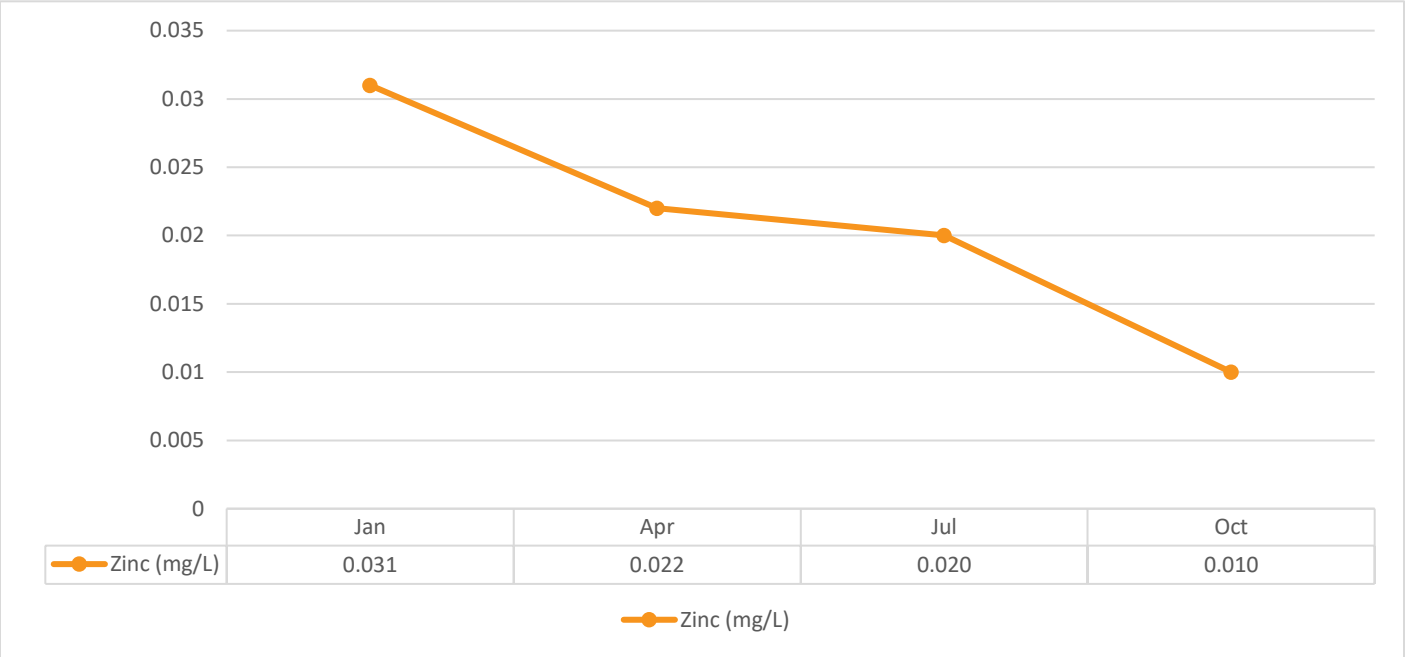
Graph 52. 2025 Final Effluent Iron Concentration



Zinc (Total)

Zinc was sampled quarterly in 2025 and the results ranged between 0.010 mg/L and 0.031 mg/L.

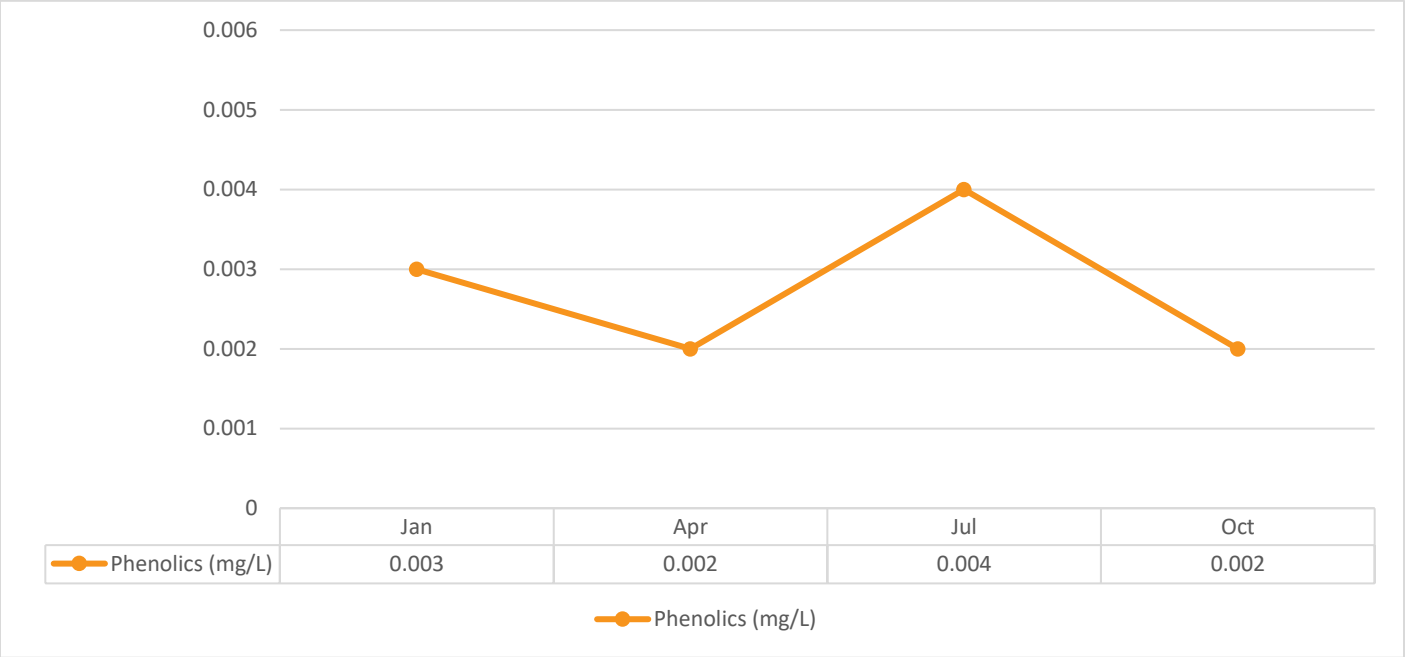
Graph 53. 2025 Final Effluent Zinc Concentration



4AAP-Phenolics

4AAP-Phenolics was sampled quarterly in 2025 and the results ranged between 0.002 mg/L and 0.004 mg/L.

Graph 54. 2025 Final Effluent 4AAP-Phenolics Concentration



Benzene

Benzene was sampled quarterly in 2025 and the results were consistent in each quarter at 0.50 µg/L.

Toluene

Toluene was sampled quarterly in 2025 and the results were consistent in each quarter at <0.5 µg/L.

Ethylbenzene

Ethylbenzene was sampled quarterly in 2025 and the results were consistent in each quarter at <0.50 µg/L.

Xylene

Xylene was sampled quarterly in 2025 and the results were consistent in each quarter at <0.50 µg/L.

Quarterly Samples

Environmental Compliance Approval (ECA) #1696-BPLL4R requires a grab sample be collected at least quarterly and analyzed for Bis(2-ethylhexyl) Phthalate, Cobalt, Magnesium, Manganese, Potassium and Strontium. Limits are not defined in the ECA.

Table 7. 2025 Final Effluent Results for Quarterly Samples Required by ECA

Parameter	January 7, 2025	April 1, 2025	July 2, 2025	October 1, 2025
Bis (2-ethylexyl) Phthalate (µg/L)	<2	<2	<2	<2
Cobalt (mg/L)	0.000203	0.000217	0.000167	0.000080
Magnesium (mg/L)	12.9	10.3	14.5	11.3
Manganese (mg/L)	0.00453	0.00659	0.00731	0.00253
Potassium (mg/L)	11.8	5.45	16.6	13.3
Strontium (mg/L)	0.414	0.400	0.310	0.244

Operational Challenges and Corrective Actions

(c) The following details describe all operating problems encountered during the reporting period and the corrective actions taken.

Table 8. Lindsay WPCP Operational Challenges

Month	Challenges	Corrective Actions
January	Actiflo 1 Inlet Control Valve	Contractor made a temporary change to programming. Inlet control valve replaced.
	UV Fault	Switch to "Low Intensity" for alarm set point.
	Riverview SPS Pump 2 Fault	Heaters turned up; resistor that is connected to common for pump 2 fault replaced.
	Ridout SPS Pump 2 "UTS Fault"	Blockage removed.
	Clarifier Heat Trace Not Working	Control panel flooded; thermostat was adjusted for North line to come on sooner. Wired backwards. Thermostat replaced.
	North Clarifier Offline For Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
February	Lindsay ST N SPS "Main Water Feed Leak"	Pinhole leak on copper fitting. Contractor replaced fitting.
	Fairgrounds SPS "Low Temp"	Louvers running with power out. Extra heater supplied to help with low temperature.
	Recirculating Pump 511 "Low Pressure"	Crack in stainless steel flange. Contractor welded flange.
	Equalization Pump Station "High/Low Level"	Possible condensation build-up on miltronics. Confirmed operation and observed pump cycle.
	WAS Broken Air Filter Housing	Fitting replaced. New air compressor installed.
March	Lindsay St N SPS "High Level"	Observed station flows – high. Monitored pump cycles.
	Actiflo 1 Fault	High flows, cleaned splitter box screens to equalize flow.
	Recirculation Pump 511 "Low Pressure"	Removed blockage inside pump.
	Coagulant/Polymer Fault	Polymer hopper empty. Add dry feed polymer to system hopper.
	UV Module 3 Fault	Replaced relay boards.
	River Park SPS "High Level"	Observed station flows – high. Monitored pump cycles.
	North Leachate SPS Pump 2 Contactor Fail	Replaced contactor.

Month	Challenges	Corrective Actions
	Ridout SPS Pump 1 Fault	Excessive start/stop due to high flows. Reset fault.
	Equalization Fault	Equalization lagoon in high level. Closed overflow weir gate. Actuator fault on over torque. Rags cleaned off divert slide gate.
	Flow Exceedances	Extremely high flows from spring melt/rainfall events. Lagoons full. Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for the Certificate of Analysis.
	Ridout SPS Pump 2 Fault	Soft start fault. Reset pump and monitored pump cycles.
	South Clarifier RAS pump Fault	Fault on undervoltage. Reset VFD. Plant on emergency power.
	Actiflo 1 Injection Mixer Fault	Fault on undervoltage. Reset VFD. Plant on emergency power.
	Wellington SPS Power Fail/Pump 2 Fault	Station without power. Hooked up portable generator. Breaker was tripped and not allowing pumps to run. Reset breaker.
	Grit Chamber Paddle Drive Fault	Plant on emergency power. Reset fault.
	Multiple Generators Running – Ice Storm	Checked SPS's on emergency power. Fuel levels checked and fuel supplied to stations as needed.
	Logie SPS Open Circuit – Trouble Fault	Generator not running. Coolant level low fault on generator. Reset fault. Coolant level was fine. Power restored to station.
April	Flow Exceedances	Extremely high flows from spring melt/rainfall events. Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for the Certificate of Analysis.
	Multiple Generators Running – Ice Storm	Checked SPS's on emergency power. Fuel levels checked and fuel supplied to stations as needed.
	Recirculation Pump 511 "Low Pressure"	Removed blockage inside pump.
	Rivera Park SPS Overflow Event	Lagoon levels too high. Plant overwhelmed. Pumps shut off causing overflow at station. Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for more information.
	Lindsay St N Pump 1 Motor Overheat	Reset fault. Pump returned to service.

Month	Challenges	Corrective Actions
	North Clarifier Rake Arm Not Working	Rake arm loose and getting stuck on scum pit inlet. Contractor repaired rake arm.
	Rivera Park SPS "High Level" Fault	Wet well miltronics and flowmeters failed due to overflow. Awaiting parts to replace.
	Alum Clarifier Bulk Tank Pinhole Leak	Patched tank with epoxy for temporary fix. Contractor welded area where leak occurred.
	Aeration Train 1 Inlet Valve Repair	Awaiting parts for repair.
	RAS Pump 402 VFD Fail	Power outage. Reset VFD. Power restored.
	Grit Chamber Paddle Drive Fault	Power outage. Reset fault. Power restored.
	Degritted Flow Meter Fail	Pump out dry well chamber. Allow flow meter to dry out.
	Recirculation Pump 520 "Low Pressure"	Removed blockage inside pump.
	Recirculation Pump 520 Control Fail	Cleared blockage. Pump will not come on. Notified Electrician/UPIT.
May	Actiflo Fault	High flows. Adjusted overflow weir gate. Closed lagoon equalization valve and cleaned splitter box screens.
	Lindsay St N SPS Main Water Line Leak	Contractor replaced reducing coupling causing leak.
	Alum Transfer Pump Replacement	Contractor replaced new pump.
	Aeration Pipe Air Leak	Contractor repaired clamp to stop the leak.
	WAS Fault	Compressor not holding pressure. Replaced air compressor.
	Lagoon Equalization "High Level"	Open wet well. Condensation causing false reading on miltronics.
	Ridout SPS Pump 2 Fault	Removed rags from inside impeller.
	Lindsay St N SPS Pump Faults	All pumps failed. Reset pumps.
	Inlet Basement Sump Pump Repair	Contractor replaced sump pump.
	Lindsay St N SPS Pump 1 Bearing Overheat	Check valve failed. Replaced check valve.
June	UV Bank A Exhaust Fan	Replaced.
	Lagoon Equalization Station "High Level"	Open wet well. Condensation causing false reading on miltronics.
	Scum Pump 2 Removed	Pump not moving water. Sent away for repairs.
	MX361 Mixer Failed Temperature Sensor	Sent away for repairs.

Month	Challenges	Corrective Actions
	Fairgrounds SPS Generator Fault/UPS Fault	Reset UPS. Building temperature was high. Exhaust fan enabled to prevent heating.
	Recirculation Pump 520 Leak	Packing gland leaking. Replaced by contractor.
July	Fairgrounds SPS Generator Fault "Low Coolant Temp"	Block heater faulty. Contractor replaced block heater.
	Jennings Creek SPS Generator Fault	Batteries dead for generator. Replaced batteries.
	Rivera Park Pump 4 Install	New pump installed.
	Central Leachate Pump 2 Install	Pump 2 installed.
	Ridout SPS Temperature Generator Fault	Low oil pressure. Diesel exhaust fluid tank topped up by contractor.
	Actiflo 1 Fault	Polymer hopper low. Added dry feed to polymer system.
	Ridout SPS Pump 2 "UTS Fault"	Removed blockage and increased ramp time.
	Ridout SPS Pump 2 "SCR Fault"	Replaced SCR.
	South Clarifier Offline For Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	WAS Fault	Air compressor tripped. Reset breaker.
August	WAS Fault	Air compressor consistently tripping. New air compressor installed.
	Grit Paddle Drive Control Fault	Thermistor tripped. High temperature inside motor. Motor to be replaced.
	Mary SPS "Low Level"	Confined space entry to re-arrange floats that are caught.
	Actiflo 1 Fault	Coagulant low flow. Flows very low. Adjusted alarm set point.
	Jennings Creek SPS Pump 1 & 2 Fault	Reset VFD.
	North Clarifier Offline For Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	South Clarifier Offline For Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	Riverview SPS "Low Level"	Reset fault and inspected wet well.
September	Riverview SPS "Low Level"	Reset fault and inspected wet well. Bracket to be replaced.

Month	Challenges	Corrective Actions
	Logie SPS "Trouble – Short Circuit"	Station on emergency power. Power restored.
	Ridout SPS Generator Running	Station on emergency power. Power restored.
	Ridout SPS PLC Communication Loss	Blown fuse found in SCADA pack. Replaced fuse.
	South Clarifier Offline for Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	Mary SPS Pump 1/Supervisory Fault	Pump not running. Pump has failed mechanically. Pulled pump and replaced.
October	Scum Pit Wet Well "High Level"	Floats tied up. Pump station down in hand.
	Lindsay St N SPS "Unrestored High-Level Alarm"	Set off intrusion alarm and requested alarm company complete a hard reset on zone 9 – high level.
	Jennings SPS Pump 1 and Pump 2 VFD Fault	Reset VFD.
	South Clarifier Offline for Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	Mary SPS "High Level"	Check SCADA remotely. Power fail. Power restored and alarm cleared.
November	Central Leachate SPS Pump 1 Fault (Overload)	Unable to reset overload. Pump 2 in service and electrician notified.
	Mary SPS "High Level"	No alarm active. Suspected due to power blip.
	Mary SPS Power Failure	Check SCADA remotely. No active alarms.
	Inlet Gas Detector B Alarm	Purged inlet building.
	South Clarifier Offline for Capital Improvements	Flow through the plant controlled using the equalization lagoon. Adjustments made based on process monitoring and in-house lab tests.
	Mary SPS "High Level"	Acknowledged alarm, cleared.
December	Ridout SPS – Pump 2 Fault (Bad SCR)	Notified electrician to replace SCR. Pump 2 and 3 in service.
	Mary SPS "High Level"	Acknowledged alarm, cleared.
	Rivera Park SPS "Low Fuel"	Contractor changed low level alarm set point. Removed wire for low fuel level until topped up.
	Low Inlet Oxygen Gas Alarm	Defective sensor, lowered alarm set points.

Month	Challenges	Corrective Actions
	Logie SPS "Low Coolant Level"	Contractor found leak, tightened the hose and topped up coolant.
	Faigrounds SPS "Low Temperature"	Alarm cleared from generator running.
	Jennings SPS "Burglary"	Right side door slightly open, closed the doors and confirm secured.
	Mary SPS Power Failure	Check SCADA remotely, alarm has cleared.
	Riverview SPS "Low Level"	Reset alarm.
	Logie SPS "Open Circuit"	Open circuit station on emergency power, tank filled recently and showing 5/8 on gauge.

Maintenance Summary

(d) OCWA uses a Work Maintenance System (WMS) to schedule normal maintenance activities and track repairs. WMS is a maintenance tracking system that can generate work orders as well as give summaries of completed and scheduled work. During the year, the operating authority at the facility generates scheduled work orders on a weekly, monthly and annual basis. The service work is recorded in the work order history. This ensures routine and preventative maintenance is carried out and assets are maintained to manufacturer's and/or industry standards. Emergency and capital repair maintenance is completed and added to the system

Refer to **Appendix III: WMS Work Order Summary** for details of equipment upgrades, repairs and service performed in 2025.

Effluent Quality Assurance or Control

(e) Effluent quality assurance is maintained in several ways. Laboratory samples are sent to an accredited laboratory (SGS Canada Inc. – Lakefield or Nautilus Environmental) for analysis of all effluent parameters. Sampling calendars are issued to the operator which denote frequency of sampling. Calendars are used as a tracking mechanism throughout the month to ensure all required samples are collected. These calendars are submitted to the Process Compliance Technician at the end of each month for review. Raw and effluent samples are collected as per the Amended Environmental Compliance Approval and the results are reviewed on a regular basis to ensure compliance with the site's objectives and limits.

Work orders illustrating all scheduled and preventative maintenance to be completed are issued to the operator and/or mechanic. OCWA conducts internal audits of the facility and develops Action Plans to ensure deficiencies are identified.

Calibrations

(f) Calibrations on effluent monitoring equipment were performed by Franklin Empire on December 15-16, 2025 for equipment located at the Lindsay Water Pollution Control Plant and Sewage Pumping Stations. Masstec Weighing Systems completed calibrations on the Inbound and Outbound scales at the Lindsay Ops Landfill on June 4, 2025 and December 10, 2025.

Please see **Appendix IV: Calibration Reports**.

Best Efforts to Achieve Design Objectives of Condition 6

(g) OCWA uses a number of best efforts to achieve the Effluent Objectives. Effluent quality assurance and control measures include in-house sampling and testing for operational parameters such as suspended solids, pH, phosphorus, dissolved oxygen, etc. In-house testing provides real time results which are then used to enhance process and operational performance. OCWA also collects raw sewage and effluent samples as per the ECA and reviews these results on a regular basis to ensure compliance with ECA objectives and limits.

OCWA uses a computerized maintenance management system, which generates work orders to ensure maintenance of equipment is proactively performed. In addition, OCWA provides regular status reports to the Owner, which includes operational data, equipment inventory, financial statements, maintenance activities and capital improvement recommendations.

OCWA has developed comprehensive manuals detailing operations, maintenance, instrumentation and emergency procedures. To ensure facilities are operated in compliance with applicable legal requirements, facility staff have access to a network of operational compliance and support experts at the cluster, regional and corporate level.

Continuous efforts were made to meet the Effluent Objectives in 2025 including:

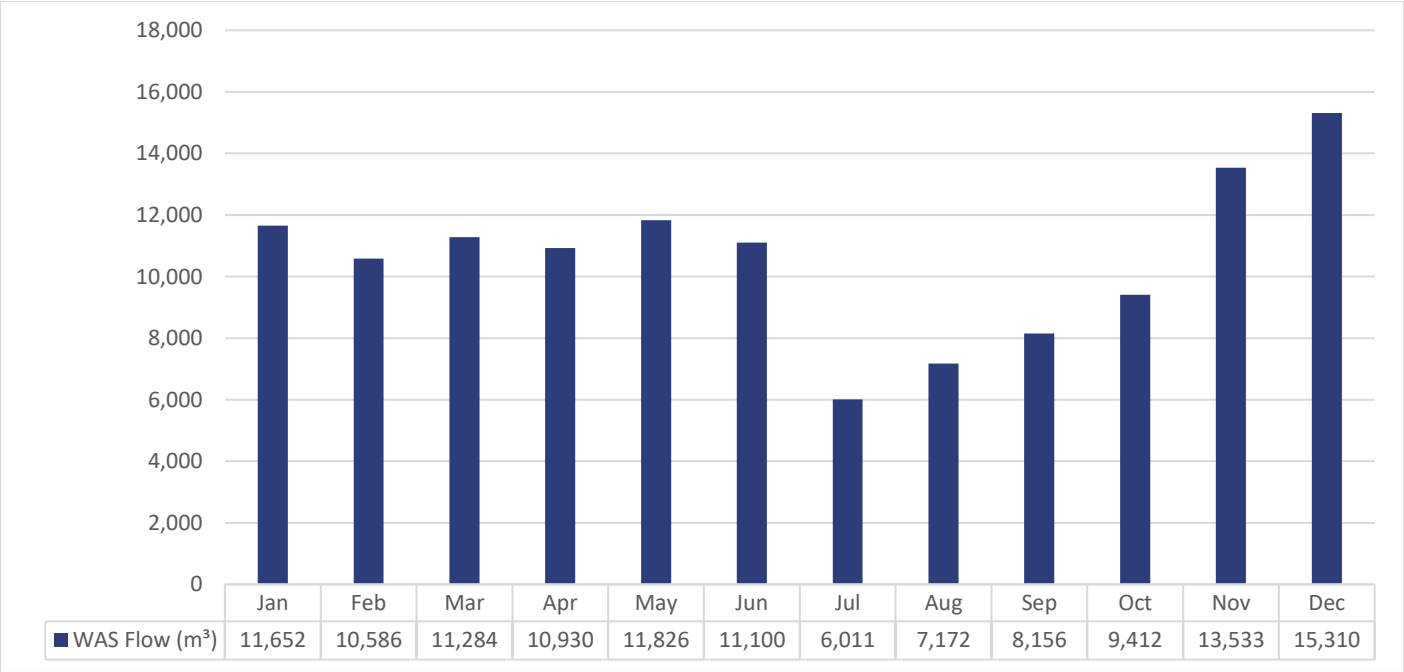
- Development of the sampling plan which meets or exceeds the minimum sampling requirements in the ECA;
- Visual Inspection of the entire process while performing rounds;
- Influent monitoring;
- Ensuring that chemicals are being dosed and adjusted as required;
- Continually optimizing the Actiflo process;
- Calibration of lab equipment;
- Annual calibration of flow meters;
- Performing preventative maintenance activities in accordance with work order schedules;
- Performing in-house lab tests on days that data is collected;
- Monitoring treatment processes by performing regular laboratory analysis and review of lab results;
- Sludge monitoring of primary clarifiers & adjustments to pumping volume based on tank levels to reduce solids carryover to the secondary clarifiers;

- Visual review of microbiological activity of activated sludge to ensure appropriate F/M ratio;
- Aeration blower maintenance;
- Pumping lagoon wastewater back to headworks has managed to reduce influent loadings when DO is low.

Sludge

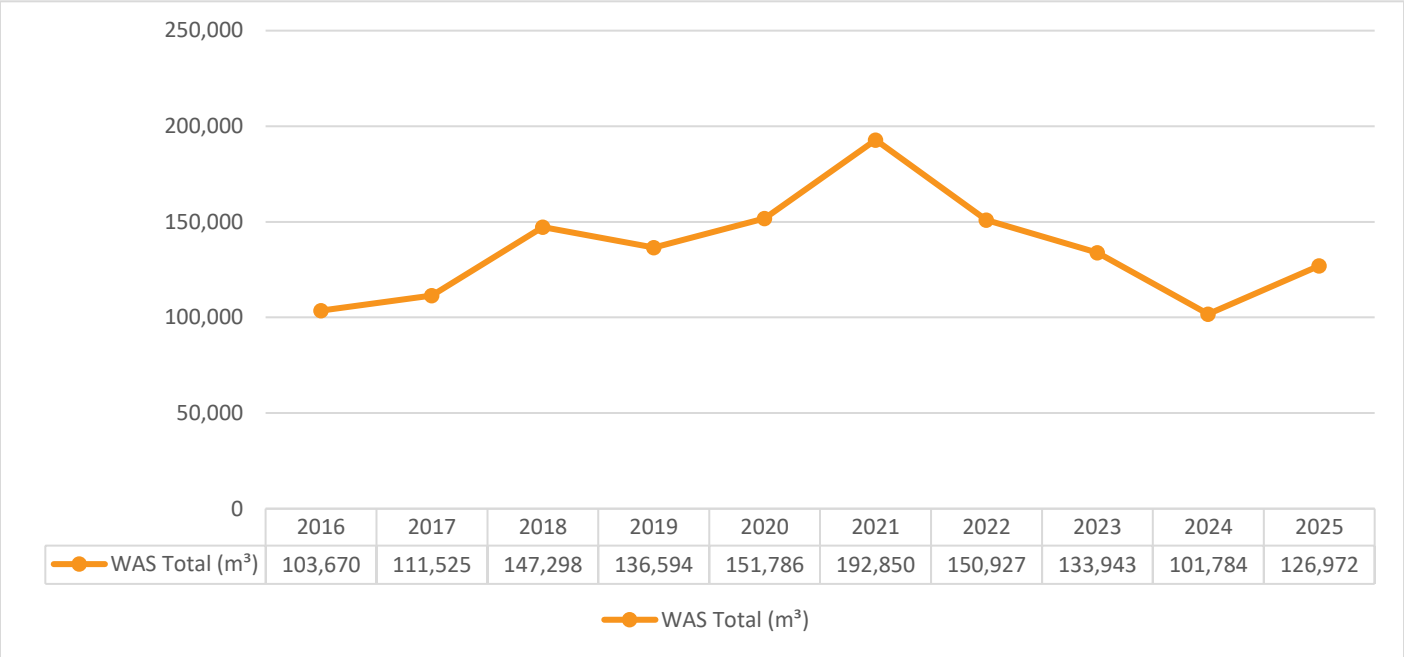
(h) The total volume of sludge generated in 2025 was 126,972 m³ which was a 19.84% increase in the amount of sludge generated in 2024. Sludge is stored in onsite storage lagoons at the Lindsay WPCP and the volume is not expected to be appreciably different in the next reporting period.

Graph 55. 2025 Monthly Sludge Generation Volumes



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WAS Flow (m³)	11,652	10,586	11,284	10,930	11,826	11,100	6,011	7,172	8,156	9,412	13,533	15,310

Graph 56. Historical Sludge Volume Comparisons



Sludge Removal

Sludge was removed from the Lindsay WPCP in September and October 2025. 2,448,000 kg of sludge was removed from Cell 4 and taken to local agricultural lands for spreading.

Complaints

(i) a summary of complaints received by the owner and operating authority is provided in the following table.

Table 9. Summary of Community Complaints

Date	Issue	Actions Taken
January 10, 2025	Resident reported rotten sewage smell outside house.	Supervisor/ORO reviewed, and was considered a private issue.
March 16, 2025	Resident reported not able to flush toilets and water backing up into basement shower on Orchard Park.	Operator checked manholes, sewer system operating but was surcharging due to excessive flows due to rainfall and snow melt. No spill occurred.
March 17, 2025	Sewer Backup reported on Division St. Blockage found in sewermain	GFL flushed sewer on Division St. MH403 to MH1188 to clear blockage.

Date	Issue	Actions Taken
		Resident on Division St. was pumping sewage from backup through a hose from basement to road. Reported as a spill, catchbasin cleaned up and spill report to SAC and MOH.
April 3, 2025	Multiple Residents reported backup into basement near Rivera Park SPS. Backup caused due to system surcharging during ice storm, rain event and snowmelt and resulting overflow at Rivera Park SPS.	Resident advised to call insurance company for cleanup. System surcharged until overflow event finished.
April 3, 2025	Multiple Residents in North Ward (Orchard Park Rd, William St. N) with backups, due to system experiencing high flow rates and surcharging due to rainfall and snowmelt.	Flushing contract called to ensure mains clear
April 9, 2025	Victoria Ave N resident reported sewer backup and plumber got equipment stuck in lateral. Later determined that during reconstruction of Regent St. sanitary lateral was not reconnected to system	Contractor was hired to reconnect sanitary lateral at the sewermain.
June 24, 2025	Resident on Birch Court, reported manhole sinking at end of driveway.	Manhole repaired on July 21, 2025
June 24, 2025	Resident reported sewer smell outside home on Albert St. N	Sewer flushing occurring in area.

By-pass, Spill or Abnormal Discharge Events

(j) A summary of By-pass, Overflows, situations outside Normal Operating Conditions, Spills within the meaning of Part X of EPA and Abnormal Discharge Events during 2025.

Bypasses

There were not any bypasses at the Lindsay WPCP in 2025.

Spills

There was one spill event that occurred at the Lindsay WPCP during 2025. The incident occurred on March 16, 2025 and was due to high flows from heavy rain and snow melt that overwhelmed the inlet bar screen and diversion bar screen in the inlet building. Approximately 50 m^3 of raw wastewater spilled out of the channels and out of the inlet building into a small ditch. The operator raked the bar screen and the diversion bar screen to stop the spill. Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for Report.

Overflows

There were not any overflows at the Lindsay WPCP in 2025.

Abnormal Discharge Events

There were not any abnormal discharge events at the Lindsay WPCP in 2025.

Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for copies of the quarterly Bypass and Overflow reports, and Notice of Exceedance submitted to the Ministry of Environment, Conservation and Parks.

Situations Outside Normal Operating Conditions

"Normal Operating Conditions" means the condition when all unit process(es), excluding Preliminary Treatment System, in a treatment train is operating within its design capacity. In the instances of Situations Outside Normal Operating Conditions, Environmental Compliance Approval (ECA) #1696-BPLL4R directs to collect daily sample(s) of the Final Effluent, on any day when there is any situation outside Normal Operating Conditions and sampled for $CBOD_5$, TSS, Total Phosphorus, TKN. As a best practice, samples are also tested for TAN, Nitrite, Nitrate and Nitrite + Nitrate.

There were instances of Situations outside Normal Operating Conditions in 2025.

Table 10. Summary of Situations Outside Normal Operating Conditions

Date	Situation Outside of Normal Operating Conditions	Reason	Samples Collected Y/N	Date Composite Sampler Set	Date Composite Samples Collected
March 16, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 16, 2025	March 17, 2025

Date	Situation Outside of Normal Operating Conditions	Reason	Samples Collected Y/N	Date Composite Sampler Set	Date Composite Samples Collected
March 20, 2025	A sample was collected due to the high flows observed coming into the plant. *The composite sample was only representative of approximately 13 hours as the sampler needed to be reset for the flow exceedance.	Extremely high flows from spring melt/rainfall events.	Y	March 20, 2025	March 20, 2025
March 20, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 20, 2025	March 21, 2025
March 21, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 21, 2025	March 22, 2025
March 28, 2025	A sample was collected due to the high flows observed coming into the plant.	Extremely high flows from spring melt/rainfall events.	Y	March 28, 2025	March 29, 2025
March 29, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 29, 2025	March 30, 2025

Date	Situation Outside of Normal Operating Conditions	Reason	Samples Collected Y/N	Date Composite Sampler Set	Date Composite Samples Collected
March 30, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 30, 2025	March 31, 2025
March 31, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	March 31, 2025	April 1, 2025
April 1, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day. The sample was collected in addition to the regular weekly sample.	Extremely high flows from spring melt/rainfall events.	Y	April 1, 2025	April 2, 2025
April 2, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	April 2, 2025	April 3, 2025
April 3, 2025	The final flow through the Actiflo units exceeded the rated design capacity of 30,100 m^3/day. The final flow through Actiflo Unit 1 and Actiflo Unit 2 exceeded the rated design capacity of 15,050 m^3/day.	Extremely high flows from spring melt/rainfall events.	Y	April 3, 2025	April 4, 2025

Table 11. Situations Outside Normal Operating Conditions Sample Summary

Date	$CBOD_5$	TSS	TP	TKN	TAN	Nitrite	Nitrate	Nitrite + Nitrate
March 17, 2025	<4	8	<0.03	<0.5	<0.1	<0.03	8.97	8.97
March 20, 2025	<4	17	0.08	0.8	<0.1	<0.03	9.84	9.84
March 21, 2025	<4	9	0.03	0.8	0.1	0.06	9.67	9.73
March 22, 2025	<4	14	<0.03	<0.5	<0.1	<0.03	10.6	10.6
March 29, 2025	<4	8	0.03	1.0	<0.1	<0.03	9.26	9.26
March 30, 2025	<4	22	0.07	1.0	0.2	<0.03	8.22	8.22
March 31, 2025	<4	24	0.19	3.4	2.2	0.23	6.00	6.23
April 1, 2025	8	50	0.06	0.9	<0.1	<0.03	7.90	7.90
April 2, 2025	<4	17	0.08	<0.5	0.1	<0.03	8.13	8.13
April 3, 2025	<4	21	0.08	0.6	<0.1	<0.03	6.88	6.88
April 4, 2025	<4	23	0.13	<0.5	<0.1	<0.03	6.16	6.16

Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for the Certificate of Analysis.

Notice of Modifications to Sewage Works

(k) There were not any Notices of Modifications to Sewage Works initiated, worked on or completed in 2025.

A summary of all modifications completed which did not require a Notices of Modifications to Sewage Works are included in **Appendix III: WMS Work Order Summary.**

Conformance with Procedure F-5-1

(l) 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.

During the 2025 reporting period there was one incident of an overflow within the sanitary sewer system. The incident occurred at the Rivera Park SPS from April 3-April 6, 2025 and was due to extremely high flows from spring melt and rainfall events causing the capacity of the system to be exceeded. The volume of the overflow was approximately 40,000m^3. Refer to **Appendix V: Bypasses, Overflows, Spills or Abnormal Events** for the Certificate of Analysis.

The City of Kawartha concluded a Master Servicing Study and Capacity Assessment in 2025 for all facilities analyzing existing capacity and future growth requirements. This report made recommendation for future projects which includes an Environmental Assessment proposed for 2027 to review capacity of the Lindsay Water Pollution Control Plant. Sanitary sewer flushing is conducted on an annual basis (3 years of dead ends/trouble areas and 4th year is a full system flush). During this program, any manholes with infiltration issues are identified and are included in operational maintenance contracts for grouting, frame and cover replacements, etc. A summary of this work can be found in Table 14 below.

In 2025, the entire wastewater collection system was flushed and inspected by CCTV. The CCTV inspections were reviewed by an engineering consultant, who has prepared a list of deficiencies. Work to repair these deficiencies has been budgeted for completion in 2026.

Changes/Updates Construction Schedule

(m) Environmental Compliance Approval (ECA) #1696-BPLL4R states that the annual report must contain "any change or updates to the schedule for the completion of construction and commissioning operations of major process(es)/equipment groups in the Proposed Works".

The replacement of the North clarifier column/ scraper, and the South clarifier weir covers has been completed.

Deviation from Monitoring Program

(n) Environmental Compliance Approval (ECA) #1696-BPLL4R states that the annual report must contain "a summary of any deviations from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year".

The 2025 sample plan states that weekly samples would be collected on Tuesdays and monthly samples would be collected on the first Tuesday of each month. Annual samples were scheduled to be sampled on July 2, 2025. Weekly sampling occurring on Tuesdays did need to be considerate of holidays and there was a need to pre-plan alternate sample dates to accommodate holidays and accredited lab holiday hours in 2025. Due to the holidays and the accredited lab holiday hours the fifth week in September was collected on Wednesday.

As noted in an email from Sargo Okhovatian, Ministry of the Environment, Conservation and Parks – Review Engineer Assistant, dated October 12, 2018 since neither the City of Kawartha Lakes nor the Ontario Clean Water Agency has control of the delivery schedule of Imported Sewage, the monthly Imported Sewage samples are not required to be sampled on specific dates. As long as there is a minimum one sample from each Imported Sewage stream (Abattoir Waste and Receiving Station) each month then there will be no deviation from the Sample Plan.

There were deviations from the Sample Plan in 2025:

Table 12. Deviations from Sample Plan in 2025

Date	Deviation	Reason
January 2025	Monthly – Abattoir sample not collected	There was no abattoir hauled this month. Amount of abattoir waste has decreased slightly (see Graph 14)
February 2025	Monthly – Abattoir sample not collected	Operations staff were not notified by hauler of abattoir waste being delivered. Amount of abattoir waste has decreased slightly (see Graph 14).
February 18, 2025	Weekly – Raw and treated sample scheduled for February 18, 2025 but was taken on February 19, 2025.	Sample date moved due to weather – Heavy snow fall/storm, removal of snow.
April 1, 2025	Weekly – Raw sample scheduled for April 1, 2025 but was taken on April 2, 2025.	Raw sample line plugged.
April 1, 2025	Quarterly – Acute Lethality scheduled for April 1, 2025 but was taken on April 8, 2025.	Sample date moved due to weather - Ice storm caused wide spread power outages.
June 2025	Monthly – Abattoir sample not collected	Operations staff were not notified by hauler of abattoir waste being delivered. Amount of abattoir waste has decreased slightly (see Graph 14).
July 15, 2025	Weekly – Raw and treated sample scheduled for July 15,	Sampler was not started.

Date	Deviation	Reason
	2025 but was taken on July 16, 2026.	
August 2025	Monthly – Abattoir sample not collected	There was no abattoir hauled this month. Amount of abattoir waste has decreased slightly (see Graph 14)
August 5, 2025	Weekly – Raw sample scheduled for August 5, 2026 but was taken on August 6, 2026.	Raw sampler GFI tripped.
September 2025	Monthly – Abattoir sample not collected	Operations staff were not notified by hauler of abattoir waste being delivered. Amount of abattoir waste has decreased slightly (see Graph 14).
October 2025	Monthly – Abattoir sample not collected	There was no abattoir hauled this month. Amount of abattoir waste has decreased slightly (see Graph 14)
December 2025	Monthly – Abattoir sample not collected	There was no abattoir hauled this month. Amount of abattoir waste has decreased slightly (see Graph 14)

For the Lindsay WWTP 2026 Sample Plan refer to **Appendix II: 2026 Sample Plan**.

Reporting Requirements – Wastewater Collection System

In accordance with the Consolidated Linear Infrastructure – Environmental Compliance Approval (CLI-ECA) #141-W601 the owner shall prepare a performance report on a calendar basis and submit to the Ministry of Environment, Conservation and Parks by March 31 of the calendar year following the period being reported upon.

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

There are no required monitoring data requirements for the Lindsay Sewage Collection System.

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

A summary of any operating problems encountered at any sewage pumping stations within the Lindsay Sewage Collection System are included in **Table 8. 2025 Lindsay WPCP Operational Challenges** above.

Below is a summary of any operating problems encountered in the rest of the collection system.

Table 13. Summary of Operating Problems in Collection System and Corrective Actions (not including pumping stations)

Date	Operational Issue	Corrective Action Taken
March 16-17, 2025	Sewer main blocked on Division St. from MH403 to MH1188, causing backup into homes.	GFL cleared blockage with flusher truck.
April 3, 2025	Sewer main blockage on William St. N from MH822 – MH116	Blockage cleared by GFL, main line sewer also flushed from MH717 to MH822 on William St. N between Eglington Ave and Orchard Park Rd
April 4, 2025	Sanitary Sewer Backup – 60 Victoria Ave N – caused from sanitary lateral not connected to sewer main on Regent St. during reconstruction project.	Sanitary lateral replaced and reconnected at Regent St.

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

Calibrations on effluent monitoring equipment were performed by Franklin Empire in December 2025 for equipment located at the Lindsay Water Pollution Control Plant and associated Pumping Stations, as required. Refer to **Appendix IV: Calibration Reports**.

Attached is **Appendix III: WMS Work Order Summary**, a Work Order Summary report, showing all preventative and corrective maintenance activities performed at the Lindsay WPCP, including the pumping stations within the collection system, during 2025.

All other collection system repairs are summarized in the table below:

Table 14. Summary of Major Structure & Equipment Maintenance and Repair

Major Structure	Work Performed
Manhole Repairs	MH830 257 St. Josephs Rd – Rotated manhole structure during excavating for drop structure connection MH2874 Logie St. @ Hillside Dr. – Repair moduloc

Major Structure	Work Performed
	MH1477 40 Dormer Rd – Replace approximately 6" of brick with moduloc MH466 40 Birch Court – Replace approximately 6" of chimney MH649 11 Glenelg St. W – Replace 12" Brick and Asphalt around frame and cover MH329 8 Melbourne St. – Replace approximately 8.5" moduloc plus frame and cover MH1178 Melbourne St. W @ Sussex St. S - Replace 6" moduloc plus frame and cover MH587 99 Glenelg St. W – Replace approximately 4" moduloc plus frame and cover MH2860 24 Wellington St. - Replace approximately 3" moduloc plus frame and cover MH1226 Springdale Dr. @ Lawson Ave. - Replace approximately 14.5" moduloc plus frame and cover MH761 77 Springdale Dr. - Replace approximately 14" moduloc plus frame and cover MH416 14 Edwin St. - Replace approximately 14" moduloc plus frame and cover
Manhole Grouting	MH1104 – 17 Dunsford Court MH1221 – 47 Maryknoll Ave MH534 – 50 Maryknoll Ave MH1477 – Dormer Rd.
Full Sanitary Sewer Flushing and CCTV Inspection	Entire collection system flushing and CCTV inspection.

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

A summary of complaints is above in **Table 9: Summary of Community Complaints.**

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

The table below provides a summary of the projects that saw alterations to the collection system in 2025.

Table 15. Summary of Alterations to Authorized System

Alteration to the Authorized System Project Name	Project Details	Does This Project Pose a Significant Drinking Water Threat (SDWT)?
Lindsay St. S Sewer Extension	Extension of sanitary sewers along Lindsay St. S between Logie St. and Highway #7, ranging in size from 250-375 mm in diameter	Yes
Pottinger St. Reconstruction	Replacement of existing clay sanitary sewers with approximately 970 m of 200 mm diameter PVC sewers, including maintenance holes and sanitary laterals to property line.	No
Glenelg St. West Reconstruction	Replace existing sanitary sewers with 250 mm sanitary sewer from Cambridge St. S to Lindsay St. S, connecting to existing 525mm sanitary sewer at Lindsay St. S and existing 250 mm sanitary sewer at William St. S. Replace with 250 mm sanitary sewer from Cambridge St. S to Victoria Avenue S, connecting to existing 250 mm sanitary sewer at Victoria Ave. S	No
Sanitary Extension – Fleetwood Road, County Road 36, and Walsh Road	Extension of 200 mm sanitary sewers along Fleetwood Road, County Road 36, and Walsh Road to connect 132 Walsh Road	No

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

i) Dates;

ii) Volumes and durations

iii) If applicable, loadings for total suspended solids, BOD, total phosphorus, and total Kjeldahl nitrogen, and sampling results for E. coli;

iv) Disinfection, if any; and

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

The Lindsay Sewage Collection system experienced 1 collection system Overflow and 1 Spill in 2025. Please see Table 16 for the Summary of Events and Table 15 for the Sample Summary for the events. Please see the Operations Event Form included in **Appendix V: Bypasses, Overflows, Spills or Abnormal Events**.

Overflows

Table 16. Overflow/Spill Summary

Date	Type of Event	Total Volume (m^3)	Disinfect Y/N	Samples Collected Y/N	Reason
March 17, 2025	Spill – Residential Home Backup, pumping sewage onto road	Unknown	N	N	Sewer main blocked, causing backup into home, homeowner pumping contents of basement to road.
April 3-6, 2025	Rivera Park SPS Overflow	40,000	N	Y	Wet Weather Event

Sample Summary

Table 17. Overflow Sample Summary

Date	Location	BOD^5 (mg/L)	TSS (mg/L)	Total Phosphorus (mg/L)	Total Kjeldahl Nitrogen (mg/L)	E. Coli (mpn/ 100mL)
April 3, 2025	Rivera Park SPS Overflow	<12	13	0.25	1.8	141360
April 6, 2025	Rivera Park SPS Overflow	94	61	1.11	11.7	>242000

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

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

The City of Kawartha Lakes finalized a Master Servicing Study and Capacity Assessment in 2025 which made recommendations for future projects in order to address existing capacity and future growth requirements. The recommendation for the Lindsay Sewage Works is to undertake an Environmental Assessment to review the overall treatment and collection system to determine best solution to address current and future capacity requirements. This project is anticipated to begin in 2027 depending on budget approval.

Regular manhole inspections are completed by City operations staff to identify deficiencies that may contribute to inflow and infiltration (I&I) and increase the risk of overflows. The City maintains an ongoing manhole rehabilitation program, which includes grouting, moduloc replacement, and frame and cover replacement.

In areas where manholes are located in low-lying or flood-prone locations, rain stoppers are installed to prevent inflow during wet weather events, further reducing the risk of system overflows.

A summary of operational activities that were performed to help reduce overflow potential are summarized in **Table 14. Summary of Major Structure & Equipment Maintenance and Repair** above, their cost is below.

A project in 2025 included flushing and CCTV of the entire collection system to help identify deficiencies within the collection system that are contributing to infiltration and inflow, which will help eliminate bypasses and overflows. The budget amount for this project was $800,000.

Full System Flushing - $206,025

Manhole Rehabilitation - $47,750

For 2026, $62,500 has been budgeted to address any manhole deficiencies and $45,000 has been budgeted to perform sanitary sewer flushing in dead-end/troubled areas.

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

The Lindsay Sewage Collection System does not contain combined sewers and therefore is not required to complete a Pollution Prevention and Control Plan (PPCP).

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

N/A

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

N/A

v) Public reporting approach including proactive efforts

SOP WWC02 Wastewater Bypass/Overflow Notification Procedure has been developed and has been in practice since 2021, which clearly outlines all reporting protocols to both regulatory agencies and the public in various situations. This procedure was developed in consultation with Ontario Clean Water Agency, Ministry of Environment, Conservation and Parks and Ministry of Health.

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix I:
Acute Lethality Analysis Results

NAUTILUS ENVIRONMENTAL
B-11 Nicholas Beaver Road
Puslinch, ON N0B 2J0
Tel. (519) 763-4412
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TOXICITY TEST REPORT

Daphnia magna
EPS 1/RM/14

Work Order : 256824
Sample Number : 85475

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-01-07
Location :	Lindsay ON	Sampling Time :	12:27
Substance :	Final Effluent	Date Received :	2025-01-09
Sampling Method :	Grab	Time Received :	14:45
Sampled By :	T. Smith	Temperature at Receipt :	2 °C
Sample Description :	Clear, colourless	Date Tested :	2025-01-10

Test Method : Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna* . Environment Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Immobility	0.0 %
	Mean Mortality	0.0 %
100%	Mean Immobility	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species :	*Daphnia magna*	Time to First Brood :	7.6 days
Organism Batch :	Dm24-25	Average Brood Size :	27.8
Culture Mortality :	2.7% (previous 7 days)		

TEST CONDITIONS

Sample Treatment :	None	Number of Replicates :	3
pH Adjustment :	None	Organisms per Replicate :	10
Pre-aeration Rate :	~30 mL/min/L	Organisms per Test Level :	30
Duration of Pre-Aeration :	30 minutes	Organism Loading Rate :	15.0 mL/organism
Test Aeration :	None	Impaired Control Organisms :	0.0%
Hardness Adjustment :	None	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Sodium Chloride		
Date Tested :	2024-12-31	LC50 :	7.1 g/L
Organism Batch :	Dm24-25	95% Confidence Limits :	6.9 - 7.4 g/L
Analyst(s) :	MK, CGR	Historical Mean LC50 :	6.4 g/L
Statistical Method :	Spearman-Kärber	Warning Limits (± 2SD) :	5.7 - 7.3 g/L

COMMENTS

- All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 256824
Sample Number : 85475

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)*	Hardness (as $CaCO_3$)
Initial Chemistry (100%) :	7.2	10.3	1542	20	117	380 mg/L

0 HOURS

Date & Time : 2025-01-10 14:45
Analyst(s) : PG

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation*	Hardness
100	A	0	0	7.7	8.6	1544	20	99	380
100	B	0	0	7.7	8.6	1544	20	99	380
100	C	0	0	7.7	8.6	1544	20	99	380
Control	A	0	0	8.1	8.3	466	20	97	150
Control	B	0	0	8.1	8.3	466	20	97	150
Control	C	0	0	8.1	8.3	466	20	97	150

Notes:

24 HOURS

Date & Time : 2025-01-11 14:55
Analyst(s) : CB (SV)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	–	0	–	–	–	20
100	B	–	0	–	–	–	20
100	C	–	0	–	–	–	20
Control	A	–	0	–	–	–	20
Control	B	–	0	–	–	–	20
Control	C	–	0	–	–	–	20

Notes:

48 HOURS

Date & Time : 2025-01-12 14:45
Analyst(s) : CB (SSF)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	0	0	8.3	8.4	1553	20
100	B	0	0	8.3	8.4	1549	20
100	C	0	0	8.3	8.4	1550	20
Control	A	0	0	8.3	8.5	475	20
Control	B	0	0	8.3	8.5	476	20
Control	C	0	0	8.3	8.5	481	20

Notes:

Number immobile does not include number dead.

"–" = not measured/not required
* adjusted for temperature and barometric pressure

Test Data Reviewed By : JL
Date : 2025-01-15

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TOXICITY TEST REPORT
Rainbow Trout
EPS 1/RM/13
EPS 1/RM/50

Work Order : 256824
Sample Number : 85475

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-01-07
Location :	Lindsay ON	Sampling Time :	12:27
Substance :	Final Effluent	Date Received :	2025-01-09
Sampling Method :	Grab	Time Received :	14:45
Sampled By :	T. Smith	Temperature at Receipt :	2 °C
Sample Description :	Clear, colourless	Date Tested :	2025-01-10

Test Method(s) : Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007, February 2016, and December 2023 amendments).

Procedure for pH Stabilization During the Testing of Acute Lethality of Wastewater Effluent to Rainbow Trout. Environment Canada, EPS 1/RM/50 (March 2008), with deviation(s) as noted.

96-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Impairment	0.0 %
	Mean Mortality	0.0 %
100%	Mean Impairment	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism :	*Oncorhynchus mykiss*	Mean Fork Length :	43.5 mm
Organism Batch :	T24-28	Range of Fork Lengths :	41 - 47 mm
Control Sample Size :	10	Mean Wet Weight :	0.6 g
Cumulative stock tank mortality rate :	0% (previous 7 days)	Organism Loading Rate :	0.3 g/L
Control organisms showing stress :	0 (at test completion)		

TEST CONDITIONS

Sample Treatment :	pH Stabilization	Number of Replicates :	1
pH Adjustment :	Yes (as per EPS 1/RM/50)	Organisms Per Replicate :	10
pH Stabilization Technique :	pH Controller	Organisms Per Test Level :	10
Gas Mixture Used :	100% CO_2	Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L
Test Aeration :	Yes	Total Pre-Aeration Time :	120 minutes
Volume Tested (L) :	18	Test Method Deviation(s) :	Yes (see 'COMMENTS')

REFERENCE TOXICANT DATA

Toxicant :	Potassium Chloride		
Organism Batch :	T24-28	LC50 :	4074 mg/L
Date Tested :	2025-01-03	95% Confidence Limits :	3590 - 4619 mg/L
Analyst(s) :	JGR, PG, NWP, CB	Historical Mean LC50 :	3509 mg/L
Statistical Method :	Linear Regression (MLE)	Warning Limits (± 2SD) :	2453 - 5020 mg/L

COMMENTS

• All test validity criteria as specified in the test method were satisfied.

• Noted Deviation: pH controllers are calibrated at the start of the test, and not daily as described in the test method. Extensive internal method validation of this approach has confirmed the accuracy and stability of the pH controllers over the course of the 96-h test. Additionally, pH of the test and control solutions is measured daily throughout the test.

Approved By : _____

Project Manager

NAUTILUS ENVIRONMENTAL

TOXICITY TEST REPORT

Rainbow Trout
EPS 1/RM/13
EPS 1/RM/50

Work Order : 256824
Sample Number : 85475

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)[3]	TAN (mg/L)[1]	NH3 (mg/L)[2]
Initial Water Chemistry (100%) :	7.0	10.3	1570	15	109	<0.050	0.000
After 30 min pre-aeration :	7.0	10.1	1575	15	106	–	–

0 HOURS

Date & Time 2025-01-10 12:00
Analyst(s) : AJS/JGR

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation[3]	Hardness (mg/L as $CaCO_3$)	Total Chlorine (mg/L)
100%	0	0	7.2	9.3	1555	15	99	380	–
Control	0	0	8.0	9.5	765	15	100	–	–

Notes:

24 HOURS

Date & Time 2025-01-11 10:50
Analyst(s) : SV

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	TAN (mg/L)[1]	NH3 (mg/L)[2]
100%	0	0	7.2	–	–	15	–	–
Control	0	0	8.1	–	–	15	–	–

Notes:

48 HOURS

Date & Time 2025-01-12 10:50
Analyst(s) : SV

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	TAN (mg/L)[1]	NH3 (mg/L)[2]
100%	0	0	7.2	–	–	15	–	–
Control	0	0	8.2	–	–	15	–	–

Notes:

72 HOURS

Date & Time 2025-01-13 11:30
Analyst(s) : FM (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	TAN (mg/L)[1]	NH3 (mg/L)[2]
100%	0	0	7.1	–	–	16	–	–
Control	0	0	8.2	–	–	16	–	–

Notes:

96 HOURS

Date & Time 2025-01-14 11:10
Analyst(s) : NM

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	TAN (mg/L)[1]	NH3 (mg/L)[2]	Average pH (0 - 96 h)
100%	0	0	7.1	9.1	1571	15	–	–	7.1
Control	0	0	8.0	9.2	765	15	–	–	8.1

Notes:

[1] TAN = Total ammonia (as N); analysis conducted by Bureau Veritas S.A., Mississauga ON; MDL = 0.05 mg/L.

[2] NH3 = Un-ionized ammonia (calculated from TAN, pH, and temperature according to the test method).

[3] adjusted for temperature and barometric pressure

"–" = not measured/not required

Number impaired does not include number dead.

Test Data Reviewed By : JL

Date : 2025-01-17

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TOXICITY TEST REPORT

Daphnia magna
EPS 1/RM/14

Work Order : 257471
Sample Number : 86420

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-04-08
Location :	Lindsay ON	Sampling Time :	09:14
Substance :	Final Effluent (Grab)	Date Received :	2025-04-09
Sampling Method :	Grab	Time Received :	13:15
Sampled By :	T. Smith	Temperature at Receipt :	7 °C
Sample Description :	Clear, colorless	Date Tested :	2025-04-10

Test Method : Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna* . Environment Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Immobility	0.0 %
	Mean Mortality	0.0 %
100%	Mean Immobility	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species :	*Daphnia magna*	Time to First Brood :	8.6 days
Organism Batch :	Dm25-06	Average Brood Size :	30.5
Culture Mortality :	1.0% (previous 7 days)		

TEST CONDITIONS

Sample Treatment :	None	Number of Replicates :	3
pH Adjustment :	None	Organisms per Replicate :	10
Pre-aeration Rate :	~30 mL/min/L	Organisms per Test Level :	30
Duration of Pre-Aeration :	30 minutes	Organism Loading Rate :	15.0 mL/organism
Test Aeration :	None	Impaired Control Organisms :	0.0%
Hardness Adjustment :	None	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Sodium Chloride		
Date Tested :	2025-04-08	LC50 :	6.1 g/L
Organism Batch :	Dm25-06	95% Confidence Limits :	5.6 - 6.5 g/L
Analyst(s) :	CYW, CB	Historical Mean LC50 :	6.5 g/L
Statistical Method :	Linear Regression (MLE)	Warning Limits (± 2SD) :	5.7 - 7.4 g/L

COMMENTS

- All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 257471
Sample Number : 86420

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)*	Hardness (as $CaCO_3$)
Initial Chemistry (100%) :	7.2	9.7	1615	20	113	350 mg/L

0 HOURS

Date & Time : 2025-04-10 11:55
Analyst(s) : CB (PG)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation*	Hardness
100	A	0	0	7.7	8.9	1626	20	103	350
100	B	0	0	7.7	8.9	1626	20	103	350
100	C	0	0	7.7	8.9	1626	20	103	350
Control	A	0	0	8.2	8.7	462	20	100	140
Control	B	0	0	8.2	8.7	462	20	100	140
Control	C	0	0	8.2	8.7	462	20	100	140

Notes:

24 HOURS

Date & Time : 2025-04-11 11:25
Analyst(s) : MK

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	–	0	–	–	–	20
100	B	–	0	–	–	–	20
100	C	–	0	–	–	–	20
Control	A	–	0	–	–	–	20
Control	B	–	0	–	–	–	20
Control	C	–	0	–	–	–	20

Notes:

48 HOURS

Date & Time : 2025-04-12 11:40
Analyst(s) : MK

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	0	0	8.3	8.3	1600	20
100	B	0	0	8.3	8.3	1608	20
100	C	0	0	8.3	8.4	1610	20
Control	A	0	0	8.2	8.4	470	20
Control	B	0	0	8.2	8.4	470	20
Control	C	0	0	8.2	8.4	470	20

Notes:

Number immobile does not include number dead.

"–" = not measured/not required
* adjusted for temperature and barometric pressure

Test Data Reviewed By : EM
Date : 2025-04-16

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TOXICITY TEST REPORT
Rainbow Trout
EPS 1/RM/13

Work Order : 257471
Sample Number : 86420

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-04-08
Location :	Lindsay ON	Sampling Time :	09:14
Substance :	Final Effluent (Grab)	Date Received :	2025-04-09
Sampling Method :	Grab	Time Received :	13:15
Sampled By :	T. Smith	Temperature at Receipt :	7 °C
Sample Description :	Clear, colourless	Date Tested :	2025-04-11

Test Method(s) : Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007, February 2016, and December 2023 amendments).

96-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Impairment	0.0 %
	Mean Mortality	0.0 %
100%	Mean Impairment	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism :	*Oncorhynchus mykiss*	Mean Fork Length :	40.3 mm
Organism Batch :	T25-07	Range of Fork Lengths :	38 - 43 mm
Control Sample Size :	10	Mean Wet Weight :	0.5 g
Cumulative stock mortality rate :	0% (previous 7 days)	Organism Loading Rate :	0.3 g/L
Control organisms showing stress :	0 (at test completion)		

TEST CONDITIONS

Test Type :	Single concentration	Number of Replicates :	1
Sample pH Adjustment :	None	Organisms Per Replicate :	10
Sample Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Organisms Per Test Level :	10
Duration of Sample Pre-Aeration :	30 minutes	Volume of Sample :	21 L
Control Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Volume of Control :	20 L
Duration of Control Pre-aeration:	30 minutes	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Potassium Chloride		
Organism Batch :	T25-07	LC50 :	4661 mg/L
Date Tested :	2025-04-01	95% Confidence Limits :	4255 - 5124 mg/L
Analyst(s) :	GF, JGR, NWP, SV	Historical Mean LC50 :	4029 mg/L
Statistical Method :	Linear Regression (MLE)	Warning Limits (± 2SD) :	2972 - 5460 mg/L

COMMENTS

•All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 257471
Sample Number : 86420

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)[3]
Initial Water Chemistry (100%) :	7.0	9.2	1621	15	97
After 30 min pre-aeration :	7.2	9.8	1648	14	100

0 HOURS

Date & Time 2025-04-11 9:15
Analyst(s) : GF (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation[3]
100%	0	0	7.2	9.8	1648	14	100
Control	0	0	8.1	9.8	739	14	100

Notes:

24 HOURS

Date & Time 2025-04-12 8:50
Analyst(s) : GR

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

48 HOURS

Date & Time 2025-04-13 9:40
Analyst(s) : GR

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

72 HOURS

Date & Time 2025-04-14 8:05
Analyst(s) : NWP

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

96 HOURS

Date & Time 2025-04-15 8:35
Analyst(s) : GF (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	7.9	9.1	1625	15
Control	0	0	8.1	9.1	691	15

Notes:

"–" = not measured/not required
Number impaired does not include number dead.
[3] adjusted for temperature and barometric pressure

Test Data Reviewed By : JJ
Date : 2025-04-15

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TOXICITY TEST REPORT

Daphnia magna
EPS 1/RM/14

Work Order : 258226
Sample Number : 87499

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-07-03
Location :	Lindsay ON	Sampling Time :	08:44
Substance :	FINAL EFFLUENT (GRAB)	Date Received :	2025-07-04
Sampling Method :	Grab	Time Received :	09:00
Sampled By :	T. Smith	Temperature at Receipt :	24 °C
Sample Description :	Clear, yellow	Date Tested :	2025-07-04

Test Method : Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna* . Environment Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Immobility	0.0 %
	Mean Mortality	0.0 %
100%	Mean Immobility	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species :	*Daphnia magna*	Time to First Brood :	8.0 days
Organism Batch :	Dm25-12	Average Brood Size :	32.1
Culture Mortality :	1.0% (previous 7 days)		

TEST CONDITIONS

Sample Treatment :	None	Number of Replicates :	3
pH Adjustment :	None	Organisms per Replicate :	10
Pre-aeration Rate :	~30 mL/min/L	Organisms per Test Level :	30
Duration of Pre-Aeration :	0 minutes	Organism Loading Rate :	15.0 mL/organism
Test Aeration :	None	Impaired Control Organisms :	0.0%
Hardness Adjustment :	None	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Sodium Chloride		
Date Tested :	2025-06-28	LC50 :	6.3 g/L
Organism Batch :	Dm25-12	95% Confidence Limits :	5.8 - 6.8 g/L
Analyst(s) :	ACS	Historical Mean LC50 :	6.4 g/L
Statistical Method :	Binomial	Warning Limits (± 2SD) :	5.8 - 7.1 g/L

COMMENTS

- All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 258226
Sample Number : 87499

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)*	Hardness (as $CaCO_3$)
Initial Chemistry (100%) :	7.3	7.5	1339	22	90	290 mg/L

0 HOURS

Date & Time : 2025-07-04 13:45
Analyst(s) : CYW (CB)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation*	Hardness
100	A	0	0	7.3	7.5	1339	22	90	290
100	B	0	0	7.3	7.5	1339	22	90	290
100	C	0	0	7.3	7.5	1339	22	90	290
Control	A	0	0	8.2	8.6	453	20	100	140
Control	B	0	0	8.2	8.6	453	20	100	140
Control	C	0	0	8.2	8.6	453	20	100	140

Notes:

24 HOURS

Date & Time : 2025-07-05 12:55
Analyst(s) : CYW (NM)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	–	0	–	–	–	21
100	B	–	0	–	–	–	21
100	C	–	0	–	–	–	21
Control	A	–	0	–	–	–	21
Control	B	–	0	–	–	–	21
Control	C	–	0	–	–	–	21

Notes: Two test organisms in Control B were floating but mobile.

48 HOURS

Date & Time : 2025-07-06 13:15
Analyst(s) : CYW (NM)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	0	0	8.4	8.0	1353	21
100	B	0	0	8.4	8.0	1351	21
100	C	0	0	8.4	8.0	1354	21
Control	A	0	0	8.3	8.2	463	21
Control	B	0	0	8.3	8.1	463	21
Control	C	0	0	8.3	8.1	464	21

Notes: Two test organisms in Control B were floating but mobile.

Number immobile does not include number dead.

"–" = not measured/not required
* adjusted for temperature and barometric pressure

Test Data Reviewed By : EM
Date : 2025-07-09

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TOXICITY TEST REPORT
Rainbow Trout
EPS 1/RM/13

Work Order : 258226
Sample Number : 87499

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-07-03
Location :	Lindsay ON	Sampling Time :	08:44
Substance :	FINAL EFFLUENT (GRAB)	Date Received :	2025-07-04
Sampling Method :	Grab	Time Received :	09:00
Sampled By :	T. Smith	Temperature at Receipt :	24 °C
Sample Description :	Clear, yellow	Date Tested :	2025-07-04

Test Method(s) : Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007, February 2016, and December 2023 amendments).

96-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Impairment	0.0 %
	Mean Mortality	0.0 %
100%	Mean Impairment	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism :	*Oncorhynchus mykiss*	Mean Fork Length :	41.0 mm
Organism Batch :	T25-14	Range of Fork Lengths :	35 - 44 mm
Control Sample Size :	10	Mean Wet Weight :	0.7 g
Cumulative stock mortality rate :	0% (previous 7 days)	Organism Loading Rate :	0.4 g/L
Control organisms showing stress :	0 (at test completion)		

TEST CONDITIONS

Test Type :	Single concentration	Number of Replicates :	1
Sample pH Adjustment :	None	Organisms Per Replicate :	10
Sample Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Organisms Per Test Level :	10
Duration of Sample Pre-Aeration :	30 minutes	Volume of Sample :	18 L
Control Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Volume of Control :	18 L
Duration of Control Pre-aeration:	30 minutes	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Potassium Chloride		
Organism Batch :	T25-14	LC50 :	3975 mg/L
Date Tested :	2025-07-02	95% Confidence Limits :	3644 - 4336 mg/L
Analyst(s) :	GF, OHC, NWP, NM	Historical Mean LC50 :	3963 mg/L
Statistical Method :	Spearman-Kärber	Warning Limits (± 2SD) :	2964 - 5298 mg/L

COMMENTS

•All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 258226
Sample Number : 87499

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)[3]
Initial Water Chemistry (100%) :	7.0	7.7	1293	16	81
After 30 min pre-aeration :	7.1	8.1	1300	16	87

0 HOURS

Date & Time 2025-07-04 12:00
Analyst(s) : JGR/GF (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation[3]
100%	0	0	7.1	8.1	1300	16	87
Control	0	0	8.0	9.6	666	15	99

Notes:

24 HOURS

Date & Time 2025-07-05 10:30
Analyst(s) : NWP

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

48 HOURS

Date & Time 2025-07-06 12:00
Analyst(s) : NM

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

72 HOURS

Date & Time 2025-07-07 10:10
Analyst(s) : OHC (NWP)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	14
Control	0	0	–	–	–	14

Notes:

96 HOURS

Date & Time 2025-07-08 12:55
Analyst(s) : GF (SV)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	7.9	9.4	1305	16
Control	0	0	8.0	9.4	623	16

Notes:

"–" = not measured/not required
Number impaired does not include number dead.
[3] adjusted for temperature and barometric pressure

Test Data Reviewed By : EM
Date : 2025-07-10

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TOXICITY TEST REPORT

Daphnia magna
EPS 1/RM/14

Work Order : 259005
Sample Number : 88641

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-10-01
Location :	Lindsay ON	Sampling Time :	09:05
Substance :	Final Effluent (Grab)	Date Received :	2025-10-02
Sampling Method :	Grab	Time Received :	13:50
Sampled By :	T. Smith	Temperature at Receipt :	21 °C
Sample Description :	Clear, light green	Date Tested :	2025-10-03

Test Method : Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna* . Environment Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Immobility	0.0 %
	Mean Mortality	0.0 %
100%	Mean Immobility	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species :	*Daphnia magna*	Time to First Brood :	8.3 days
Organism Batch :	Dm25-19	Average Brood Size :	24.5
Culture Mortality :	2.3% (previous 7 days)		

TEST CONDITIONS

Sample Treatment :	None	Number of Replicates :	3
pH Adjustment :	None	Organisms per Replicate :	10
Pre-aeration Rate :	~30 mL/min/L	Organisms per Test Level :	30
Duration of Pre-Aeration :	0 minutes	Organism Loading Rate :	15.0 mL/organism
Test Aeration :	None	Impaired Control Organisms :	0.0%
Hardness Adjustment :	None	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Sodium Chloride		
Date Tested :	2025-09-23	LC50 :	6.3 g/L
Organism Batch :	Dm25-19	95% Confidence Limits :	5.8 - 6.8 g/L
Analyst(s) :	ACS, MZG, SSF	Historical Mean LC50 :	6.3 g/L
Statistical Method :	Binomial	Warning Limits (± 2SD) :	5.7 - 6.9 g/L

COMMENTS

- All test validity criteria as specified in the test method were satisfied.

Approved By : _____

Project Manager

Work Order : 259005
Sample Number : 88641

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)*	Hardness (as $CaCO_3$)
Initial Chemistry (100%) :	7.3	8.4	1223	21	98	280 mg/L

0 HOURS

Date & Time : 2025-10-03 12:05
Analyst(s) : MZG/ACS (PG)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation*	Hardness
100	A	0	0	7.3	8.4	1223	21	98	280
100	B	0	0	7.3	8.4	1223	21	98	280
100	C	0	0	7.3	8.4	1223	21	98	280
Control	A	0	0	8.3	8.5	464	21	99	140
Control	B	0	0	8.3	8.5	464	21	99	140
Control	C	0	0	8.3	8.5	464	21	99	140

Notes:

24 HOURS

Date & Time : 2025-10-04 11:10
Analyst(s) : MZG (PG)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	–	0	–	–	–	21
100	B	–	0	–	–	–	21
100	C	–	0	–	–	–	21
Control	A	–	0	–	–	–	21
Control	B	–	0	–	–	–	21
Control	C	–	0	–	–	–	21

Notes:

48 HOURS

Date & Time : 2025-10-05 11:40
Analyst(s) : MZG (SF)

Concentration (%)	Replicate	Dead	Immobile	pH	Dissolved O_2	Conductivity	Temperature
100	A	0	0	8.2	8.1	1235	21
100	B	0	0	8.1	8.1	1236	21
100	C	0	0	8.1	8.1	1231	21
Control	A	0	0	8.1	8.2	477	21
Control	B	0	0	8.1	8.2	475	21
Control	C	0	0	8.1	8.2	474	21

Notes:

Number immobile does not include number dead.

"–" = not measured/not required
* adjusted for temperature and barometric pressure

Test Data Reviewed By : JJ
Date : 2025-10-09

NAUTILUS ENVIRONMENTAL
B-11 Nicholas Beaver Road
Puslinch, ON N0B 2J0
Tel. (519) 763-4412
Fax. (519) 763-4419

TOXICITY TEST REPORT
Rainbow Trout
EPS 1/RM/13

Work Order : 259005
Sample Number : 88641

SAMPLE IDENTIFICATION

Company :	Ontario Clean Water Agency, Lindsay WPCP	Sampling Date :	2025-10-01
Location :	Lindsay ON	Sampling Time :	09:05
Substance :	Final Effluent (Grab)	Date Received :	2025-10-02
Sampling Method :	Grab	Time Received :	13:50
Sampled By :	T. Smith	Temperature at Receipt :	21 °C
Sample Description :	Clear, light green	Date Tested :	2025-10-03

Test Method(s) : Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007, February 2016, and December 2023 amendments).

96-HOUR TEST RESULTS

Substance	Effect	Value
Control	Mean Impairment	0.0 %
	Mean Mortality	0.0 %
100%	Mean Impairment	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism :	*Oncorhynchus mykiss*	Mean Fork Length :	40.1 mm
Organism Batch :	T25-24	Range of Fork Lengths :	37 - 43 mm
Control Sample Size :	10	Mean Wet Weight :	0.5 g
Cumulative stock mortality rate :	0% (previous 7 days)	Organism Loading Rate :	0.3 g/L
Control organisms showing stress :	0 (at test completion)		

TEST CONDITIONS

Test Type :	Single concentration	Number of Replicates :	1
Sample pH Adjustment :	None	Organisms Per Replicate :	10
Sample Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Organisms Per Test Level :	10
Duration of Sample Pre-Aeration :	30 minutes	Volume of Sample :	18 L
Control Pre-aeration/Aeration Rate :	6.5 ± 1 mL/min/L	Volume of Control :	18 L
Duration of Control Pre-aeration:	30 minutes	Test Method Deviation(s) :	None

REFERENCE TOXICANT DATA

Toxicant :	Potassium Chloride		
Organism Batch :	T25-24	LC50 :	4086 mg/L
Date Tested :	2025-10-01	95% Confidence Limits :	3752 - 4449 mg/L
Analyst(s) :	JCS, NWP, JGR, PG	Historical Mean LC50 :	3700 mg/L
Statistical Method :	Spearman-Kärber	Warning Limits (± 2SD) :	2898 - 4724 mg/L

COMMENTS

•All test validity criteria as specified in the test method were satisfied.

Approved By : _____
Project Manager

Work Order : 259005
Sample Number : 88641

TEST DATA

	pH	Dissolved O_2 (mg/L)	Conductivity (µmhos/cm)	Temperature (°C)	O_2 Saturation (%)[3]
Initial Water Chemistry (100%) :	7.2	8.9	1246	14	91
After 30 min pre-aeration :	7.3	9.1	1235	14	93

0 HOURS

Date & Time 2025-10-03 8:45
Analyst(s) : NWP

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature	O_2 Saturation[3]
100%	0	0	7.3	9.1	1235	14	93
Control	0	0	8.3	9.9	719	14	100

Notes:

24 HOURS

Date & Time 2025-10-04 8:45
Analyst(s) : PG

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

48 HOURS

Date & Time 2025-10-05 9:30
Analyst(s) : PG

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

72 HOURS

Date & Time 2025-10-06 9:00
Analyst(s) : OHC (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	–	–	–	15
Control	0	0	–	–	–	15

Notes:

96 HOURS

Date & Time 2025-10-07 9:00
Analyst(s) : OHC (JGR)

Concentration	Dead	Impaired	pH	Dissolved O_2	Conductivity	Temperature
100%	0	0	8.2	9.3	1235	15
Control	0	0	8.3	9.3	672	15

Notes:

"–" = not measured/not required
Number impaired does not include number dead.
[3] adjusted for temperature and barometric pressure

Test Data Reviewed By : JJ
Date : 2025-10-09

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix II:
2026 Sample Plan

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

January 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days			**1** **Stat Holiday New Year's Day**	**2**	**3**
4	**5** ☐ Weekly ☐ Monthly ☐ Quarterly	**6**	**7**	**8**	**9**	**10**
11	**12** ☐ Weekly	**13**	**14**	**15**	**16**	**17**
18	**19** ☐ Weekly	**20**	**21**	**22**	**23**	**24**
25	**26** ☐ Weekly	**27**	**28**	**29**	**30**	**31**

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab **Lagoon 2**	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

February 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days					
1	**2** ☐ Weekly ☐ Monthly	**3**	**4**	**5**	**6**	**7**
8	**9** ☐ Weekly	**10**	**11**	**12**	**13**	**14**
15	**16** **Stat Holiday Family Day**	**17** ☐ Weekly	**18**	**19**	**20**	**21**
22	**23** ☐ Weekly	**24**	**25**	**26**	**27**	**28**

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

March 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days					
1	**2** ☐ Weekly ☐ Monthly	**3**	**4**	**5**	**6**	**7**
8	**9** ☐ Weekly	**10**	**11**	**12**	**13**	**14**
15	**16** ☐ Weekly	**17**	**18**	**19**	**20**	**21**
22	**23** ☐ Weekly	**24**	**25**	**26**	**27**	**28**
29	**30** ☐ Weekly	**31**				

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

April 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
			1	2	3 **Stat Holiday Good Friday**	4
5	6 **Stat Holiday Easter Monday**	7 ☐ Weekly ☐ Monthly ☐ Quarterly	8	9	10	11
12	13 ☐ Weekly	14	15	16	17	18
19	20 ☐ Weekly	21	22	23	24	25
26	27 ☐ Weekly	28	29	30	Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

May 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days				**1**	**2**
3	**4** ☐ Weekly ☐ Monthly	**5**	**6**	**7**	**8**	**9**
10	**11** ☐ Weekly	**12**	**13**	**14**	**15**	**16**
17	**18** **Stat Holiday Victoria Day**	**19** ☐ Weekly	**20**	**21**	**22**	**23**
24	**25** ☐ Weekly	**26**	**27**	**28**	**29**	**30**
31						

Ontario Clean Water Agency
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Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab **Lagoon 2**	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

June 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days					
	1 ☐ Weekly ☐ Monthly	**2**	**3**	**4**	**5**	**6**
7	**8** ☐ Weekly	**9**	**10**	**11**	**12**	**13**
14	**15** ☐ Weekly	**16**	**17**	**18**	**19**	**20**
21	**22** ☐ Weekly	**23**	**24**	**25**	**26**	**27**
28	**29** ☐ Weekly	**30**				

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

July 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days		**1** **Stat Holiday Canada Day**	**2**	**3**	**4**
5	**6** ☐ Weekly ☐ Monthly ☐ Quarterly ☐ Annual Biosolids	**7**	**8**	**9**	**10**	**11**
12	**13** ☐ Weekly	**14**	**15**	**16**	**17**	**18**
19	**20** ☐ Weekly	**21**	**22**	**23**	**24**	**25**
26	**27** ☐ Weekly	**28**	**29**	**30**	**31**	

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

August 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days) Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days						**1**
2	**3** **Stat Holiday Civic Day**	**4** ☐ Weekly ☐ Monthly	**5**	**6**	**7**	**8**
9	**10** ☐ Weekly	**11**	**12**	**13**	**14**	**15**
16	**17** ☐ Weekly	**18**	**19**	**20**	**21**	**22**
23	**24** ☐ Weekly	**25**	**26**	**27**	**28**	**29**
30	**31** ☐ Weekly					

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

September 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
		1	**2**	**3**	**4**	**5**
6	**7** **Stat Holiday Labour Day**	**8** ☐ Weekly ☐ Monthly	**9**	**10**	**11**	**12**
13	**14** ☐ Weekly	**15**	**16**	**17**	**18**	**19**
20	**21** ☐ Weekly	**22**	**23**	**24**	**25**	**26**
27	**28** ☐ Weekly	**29**	**30** **Stat Holiday T&R**		Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

October 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days			**1**	**2**	**3**
4	**5** ☐ Weekly ☐ Monthly ☐ Quarterly	**6**	**7**	**8**	**9**	**10**
11	**12** **Stat Holiday Thanksgiving Day**	**13** ☐ Weekly	**14**	**15**	**16**	**17**
18	**19** ☐ Weekly	**20**	**21**	**22**	**23**	**24**
25	**26** ☐ Weekly	**27**	**28**	**29**	**30**	**31**

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

November 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
Sample Collection Time Frames (Days) Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days						
1	**2** ☐ Weekly ☐ Monthly	**3**	**4**	**5**	**6**	**7**
8	**9** ☐ Weekly	**10**	**11** **Stat Holiday Remembrance Day**	**12**	**13**	**14**
15	**16** ☐ Weekly	**17**	**18**	**19**	**20**	**21**
22	**23** ☐ Weekly	**24**	**25**	**26**	**27**	**28**
29	**30** ☐ Weekly					

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Sampling Calendar
Lindsay WWTP (1313) Works # 110000383

Imported sewage samples can be taken at any point in the month but all other samples must be collected on date indicated.

Weekly	
Raw – Grab	- pH, Temperature
Raw - Comp	-BOD, TSS, TP, TKN, TAN
Final – Comp	- CBOD5, TSS, TP, Total (Ammonia+Ammonium) Nitrogen, TKN, Nitrite, Nitrate, Nitrate+Nitrite
Final – Grab	-E.Coli, pH, Temperature
Final - Calculated	- Unionized Ammonia

Monthly	
Lagoon Cell 5-	- TSS, CBOD, BOD, TSS, TKN, TAN, TP
Imported Sewage - Abattoir (IndW)	-BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN
Imported Sewage - Septage Receiving Station (InW2)	- BOD, TSS, TP, Total (Ammonia+ Ammonium) /nitrogen, TKN

Quarterly	
Final – Grab	- Iron, Magnesium, Manganese, Potassium, Strontium, Bis (2-ethylhexyl) Phthalate, Benzene, Xylene, Phenols
Final – Comp	- Aluminum, Cobalt, Zinc, Copper, Boron, Lead, Toluene, ethyle-Benzene
Acute Lethality	Final - Grab Rainbow Trout & Magna daphnia – Aquatox Testing & Consulting Ltd.

Annual	
Biosolids - Grab Lagoon 2	- Total Solids, Total Phosphorus, Total Ammonia Nitrogen, Nitrate as Nitrogen, Metal Scan (Arsenic, Cadmium, Cobalt, Chromium, Copper, Lead, Mercury, Zinc, Molybdenum, Nickel, Potassium, Selenium

Operator Name: _____ **Operator Signature:** _____ **Date:** _____

(all collection and submission complete as per ECA, WSER, etc. plus any special requirements).

Sampler to initial on the date samples are taken and record the type of sample (i.e. weekly, biweekly, etc.) if it is not indicated on that date and check off the appropriate sample box.

December 2026

Sun	*Mon*	*Tue*	*Wed*	*Thu*	*Fri*	*Sat*
		1	**2**	**3**	**4**	**5**
6	**7** ☐ Weekly ☐ Monthly	**8**	**9**	**10**	**11**	**12**
13	**14** ☐ Weekly	**15**	**16**	**17**	**18**	**19**
20 *Please review SGS's Holiday schedule prior to sampling	**21** ☐ Weekly	**22**	**23**	**24**	**25** **Stat Holiday Christmas Day**	**26**
27	**28** **Stat Holiday Boxing Day**	**29** ☐ Weekly	**30**	**31**	Sample Collection Time Frames (Days)	Weekly >5 & <10 Bi-Weekly >10 & <20 Monthly >20 & <40 Quarterly >60 & <120 Annual +/- 30 days 36 Months +/- 60 days 60 Months +/- 90 days

Ontario Clean Water Agency
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Appendix III:
WMS Work Order Summary

Work Order	Description	Location	Asset	Status	Work Type	Classification	Target Start	Reported Date
3949886	1313, Lindsay WWT, Boilers, Replace	1313-WWLS-F-BL		CLOSE	CAP	REFURBISH/REPLACE	5/14/24 2:10 PM	1/1/25 2:10 PM
4049351	DEFERRED 1313, Ridout SPS, Generator Failure/Temporary Generator Hookup	1313-SPRI-F-PG-ENGN		CLOSE	CAP	REFURBISH/REPLACE	7/15/24 8:52 AM	1/1/25 8:52 AM
4339502	1313, Lindsay WWT, Actiflo 2, Injection Mixer, Replacement	1313-WWLS-P	0000423859	CLOSE	CAP	REFURBISH/REPLACE		1/31/25 1:49 PM
4556276	1313, Lindsay St North Leachate Panel Relocation	1313-SPLL-F-PD	0000421434	COMP	CAP	REFURBISH/REPLACE		5/28/25 2:40 PM
4609331	1313, Rivera Park SPS, Fence Repair	1313-SPRP-F		CLOSE	CAP	REFURBISH/REPLACE		6/27/25 1:05 PM
4660261	1313, Lindsay WPCP, South Clarifier Launder Cover Install	1313-WWLS-P-ST		CLOSE	CAP	REFURBISH/REPLACE		7/7/25 8:33 AM
4662732	1313, Lindsay WWT, South Clarifier Upgrades	1313-WWLS-P-ST		CLOSE	CAP	REFURBISH/REPLACE		7/18/25 10:17 AM
4710667	1313, Lindsay WWT, Lagoon Berm Maintenance	1313-WWLS-P-ST	0000423572	CLOSE	CAP	REFURBISH/REPLACE		8/22/25 8:14 AM
4761376	1313, Riverview SPS, Road Improvements	1313-SPRV-F		CLOSE	CAP	REFURBISH/REPLACE		9/12/25 1:16 PM
4817071	1313, Lindsay St North Leachate SPS, Control Panel	1313-SPLL-F-PD	0000421434	CLOSE	CAP	REFURBISH/REPLACE		10/14/25 7:50 AM
4863612	1313, Lindsay Wastewater Collection - Operations and Maintenance Manual Annual Review	1313-WCLS		COMP	CAP	COMPLIANCE		11/19/25 6:55 PM
3706151	DEFERRED 1313, Lindsay WWT, Valve Backflow Preventer Teritiary Basement, Repair	1313-WWLS-P-PI	0000422405	CLOSE	CORR	REFURBISH/REPLACE	12/18/23 1:35 PM	1/1/25 1:35 PM
3706165	DEFERRED 1313, Lindsay WWT, Valve Backflow, Tertiary, Incoming Municipal, Repair	1313-WWLS-P-PI	0000422412	CLOSE	CORR	REFURBISH/REPLACE	12/18/23 2:34 PM	1/1/25 2:34 PM
3762768	DEFERRED 1313, Central Leachate Pump, Pump Submersible #2 LSP 4, Replace	1313-SPCL-P	0000422536	CLOSE	CORR	REFURBISH/REPLACE	1/16/24 7:07 AM	1/1/25 7:07 AM
3851641	DEFERRED 1313, Logie SPS, Milltronics Strobing During Battery Backup, Troubleshoot	1313-SPLO-F-IT	0000291013	COMP	CORR	REFURBISH/REPLACE	3/28/24 2:14 PM	1/1/25 2:14 PM
3851643	DEFERRED 1313, Lindsay St North SPS, UPS Weak Batteries, Replace	1313-SPLN-F-IT		CLOSE	CORR	REFURBISH/REPLACE	3/28/24 2:17 PM	1/1/25 2:17 PM
3902399	DEFERRED 1313, Lindsay WWT, Polymer Control Disconnect Failure, Inspect/Replace	1313-WWLS-P-DI		CLOSE	CORR	REFURBISH/REPLACE	4/16/24 2:50 PM	1/1/25 2:50 PM
3947412	DEFERRED 1313, Lindsay WWT, Sandwash Solenoid Failure, Investigate/Repair	1313-WWLS-P-PC-TRIT		CLOSE	CORR	REFURBISH/REPLACE	5/3/24 2:33 PM	1/1/25 2:33 PM
3952238	DEFERRED 1313, Mary SPS, Pump 2 Fail, Replace	1313-SPMA-P	0000423672	COMP	CORR	REFURBISH/REPLACE	5/24/24 2:27 PM	1/1/25 2:19 PM
3999191	DEFERRED 1313, Rivera Park SPS, Engine Diesel Generator, Water Pump, Replace	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	CORR	REFURBISH/REPLACE	6/13/24 2:23 PM	1/1/25 2:23 PM
4046634	DEFERRED 1313, Rivera Park, SPS, Pump 4, Repair	1313-SPRP-P	0000423715	CLOSE	CORR	REFURBISH/REPLACE	7/4/24 7:12 AM	1/1/25 7:12 AM
4145020	DEFERRED 1313, Lindsay WWT, Scum Pump #1 Fault, Investigate/Repair	1313-WWLS-P		CLOSE	CORR	REFURBISH/REPLACE	9/20/24 8:55 AM	1/1/25 8:55 AM
4145602	DEFERRED 1313, Lindsay WWT, Aeration Catwalk, Lock Washers Kick Plate, Install	1313-WWLS-F		CLOSE	CORR	HEALTH AND SAFETY	9/23/24 10:30 AM	1/1/25 10:26 AM
4196898	DEFERRED 1313, Lindsay WWT, Scum Pit, Pump 1, SCMP-401, Repair	1313-WWLS-P	0000423807	CLOSE	CORR	REFURBISH/REPLACE	10/29/24 7:12 AM	1/1/25 7:12 AM

4276728	DEFERRED 1313, Lindsay WWT, ESA Corrective Action: Repair Damaged Wiring Recirc Pump in Boiler Room	1313-WWLS-F		CLOSE	CORR	COMPLIANCE	12/4/24 8:09 AM	1/1/25 8:09 AM
4334248	1313, Lindsay WWT, Module 3 Fault, Investigate/Repair	1313-WWLS-P-PC-TRIT		CLOSE	CORR	REFURBISH/REPLACE		1/8/25 2:55 PM
4337928	1313, Lindsay WWT, Inlet Day Tank Light Hanging Cable, Repair as per ESA	1313-WWLS-P-DI		CLOSE	CORR	REFURBISH/REPLACE		1/24/25 9:38 AM
4337931	1313, Lindsay WWT, COMCOR Main Breaker Tripped, Reset	1313-WWLS-F-PG-BACK		CLOSE	CORR	REFURBISH/REPLACE		1/24/25 9:49 AM
4337936	1313, Lindsay WWT, UV Bank 1A Module 3 Failure, Investigate/Repair	1313-WWLS-P-DI-ULVL	0000423856	CLOSE	CORR	REFURBISH/REPLACE		1/24/25 10:00 AM
4337937	1313, Logie SPS, UPS Battery Fail, Replace	1313-SPLO-F-PG-BACK	0000423676	CLOSE	CORR	REFURBISH/REPLACE		1/24/25 10:06 AM
4337308	1313, Lindsay WWT Actuator BFV501 Replacement	1313-WWLS-P-PC-TRIT		CLOSE	CORR	REFURBISH/REPLACE		1/22/25 10:19 AM
4339446	1313, Lindsay WWT, Alum Heat Trace Off, Investigate/Repair	1313-WWLS-P-DI		CLOSE	CORR	REFURBISH/REPLACE		1/31/25 9:04 AM
4338913	1313, Ridout SPS, Pump 2 Fault, Investigate	1313-SPRI-P		CLOSE	CORR	REFURBISH/REPLACE		1/29/25 8:18 AM
4338916	1313, Lindsay WWT, Inlet Methane Gas Detector Fault, Investigate/Repair	1313-WWLS-P-PC		CLOSE	CORR	REFURBISH/REPLACE		1/29/25 8:30 AM
4338917	1313, Lindsay WWT, Heat Trace Failure, Investigate/Repair	1313-WWLS-P-ST-AERA		CLOSE	CORR	REFURBISH/REPLACE		1/29/25 8:34 AM
4378509	1313, Lindsay St North SPS, Generator Troubleshooting	1313-SPLN-F-PG	0000423534	CLOSE	CORR	REFURBISH/REPLACE		2/5/25 2:10 PM
4378940	1313, Lindsay WWT, RASP401 Fault, Investigate/Repair	1313-WWLS-P		CLOSE	CORR	REFURBISH/REPLACE		2/7/25 2:01 PM
4378960	1313, Lindsay St North Leachate SPS, Intermittent High Level Alarms, Investigate/Repair	1313-SPLL-P-PC		CLOSE	CORR	REFURBISH/REPLACE		2/7/25 2:23 PM
4380852	1313, Lindsay St North SPS, Repair Leak in Coolant Pipe	1313-SPLN		CLOSE	CORR	REFURBISH/REPLACE		2/18/25 10:25 AM
4380145	1313, Riverview SPS Alarm Investigation	1313-SPRV-P	0000423554	CLOSE	CORR	REFURBISH/REPLACE		2/13/25 9:45 AM
4380195	1313, Ridout SPS, Facility ESA Corrective Action: Replace Broken Breaker in Lighting Panel	1313-SPRI-F		CLOSE	CORR	REFURBISH/REPLACE		2/13/25 2:21 PM
4381416	1313, Jennings Creek SPS, Hydro One Replacing Hydro Meter	1313-SPJC-F-PD		CLOSE	CORR	REFURBISH/REPLACE		2/24/25 9:40 AM
4381375	1313, Lindsay WWT, UV Part Order, Purchase	1313-WWLS-P-DI-ULVL		CLOSE	CORR	REFURBISH/REPLACE		2/24/25 7:52 AM
4382722	1313, Lindsay WWT, RP 511 Inlet Flange Cracked Repair/Replace	1313-WWLS-P	0000329170	CLOSE	CORR	REFURBISH/REPLACE		2/28/25 3:14 PM
4382723	1313, Lindsay WWT, RP 511 Inlet Flange Cracked Repair/Replace	1313-WWLS-P	0000329169	CLOSE	CORR	REFURBISH/REPLACE		2/28/25 3:17 PM
4381827	1313, Ridout SPS, Exhaust Fan Repair	1313-SPRI-F-HV-EFAN	0000422233	CLOSE	CORR	REFURBISH/REPLACE		2/24/25 2:47 PM
4423683	1313, Lindsay WWT, WAS Compressor Not Turning Off, Investigate/Replace	1313-WWLS-P-PI		CLOSE	CORR	REFURBISH/REPLACE		3/3/25 10:47 AM
4425649	1313, Lindsay St North SPS, Transformer Service	1313-SPLN-F-PD	0000423403	CLOSE	CORR	REFURBISH/REPLACE		3/10/25 7:26 AM
4427275	1313, Lindsay WWT, Aeration Inlet Gate Vale Actuator Failure, Investigate/Repair	1313-WWLS-P-ST-AERA		CLOSE	CORR	REFURBISH/REPLACE		3/20/25 12:21 PM

4427907	1313, Lindsay WWT, Overflow Gate Not Opening Fully, Investigate/Repair	1313-WWLS-P-HW	0000329064	CLOSE	CORR	REFURBISH/REPLACE		3/24/25 8:20 AM
4427927	1313, Lindsay WWT, Emergency Lights Failed, Investigate/Repair	1313-WWLS		CLOSE	CORR	HEALTH AND SAFETY		3/24/25 9:00 AM
4426719	1313, Riverview SPS, Intermittant Pump 1 Fault Alarms, Replace Overload	1313-SPRV-P	0000423555	CLOSE	CORR	REFURBISH/REPLACE		3/17/25 8:09 AM
4426739	1313, Lindsay WWT, Broken Electrical Cover By Aeration Tank, Investigate/Replace	1313-WWLS		CLOSE	CORR	REFURBISH/REPLACE		3/17/25 8:17 AM
4426776	1313, North Leachate SPS, Pump 1 Running In Off Position, Investigate/Replace Contactor	1313-SPNL-P	0000343980	CLOSE	CORR	REFURBISH/REPLACE		3/17/25 9:32 AM
4487286	1313, Lindsay St N SPS, Pump #1 and # 2 Fault	1313-SPLN-P-PI		CLOSE	CORR	REFURBISH/REPLACE		4/14/25 11:13 AM
4487993	1313, Lindsay WWT, Driveway Grading	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		4/17/25 10:29 AM
4487295	1313, Lindsay WWT, Interior Painting Repair	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		4/14/25 1:14 PM
4489280	1313, Lindsay WWT, Leaking Bulk Tank Repair	1313-WWLS-P-ST	0000423830	CLOSE	CORR	REFURBISH/REPLACE		4/25/25 4:49 PM
4489919	1313, Lindsay WPCP, RP520 Control Fault	1313-WWLS-P-PC-TRIT	0000343936	CLOSE	CORR	REFURBISH/REPLACE		4/29/25 8:48 AM
4554844	1313, Ridout SPS, Pump 2 UTS Fault, Troubleshoot/Repair	1313-SPRI-P		CLOSE	CORR	REFURBISH/REPLACE		5/20/25 2:36 PM
4554904	1313, Fairgrounds SPS, Plumbing Leak Repair	1313-SPLN-F		CLOSE	CORR	REFURBISH/REPLACE		5/21/25 9:22 AM
4555318	1313, Lindsay St North SPS, Pump 2 Lower bearing Fault, Investigate	1313-SPLN-P-PI		CLOSE	CORR	REFURBISH/REPLACE		5/23/25 2:32 PM
4555988	DEFERRED 1313, Lindsay Jennings Creek SPS, ESA Corrective Action: Support Electrical Conduit	1313-SPJN-F		CLOSE	CORR	REFURBISH/REPLACE		5/27/25 7:55 AM
4556357	1313, Lindsay St North SPS, Pump 1 Issues, Investigate/repair	1313-SPLN-P		CLOSE	CORR	REFURBISH/REPLACE		5/29/25 8:41 AM
4556358	1313, Lindsay St North SPS, Pump 3 not turning off, Investigate/Repair	1313-SPLN-P		CLOSE	CORR	REFURBISH/REPLACE		5/29/25 8:59 AM
4556393	1313, Lindsay WWT Replace RAS room Sump Pump	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		5/29/25 1:56 PM
4604423	1313, Rivera Park SPS, Flow Meter Inaccuracy Investigate/Repair	1313-SPRP-P-PC		COMP	CORR	REFURBISH/REPLACE		6/4/25 7:30 AM
4604427	1313, Rivera Park SPS, Level Sensor Failure, Inveastigate/Repair	1313-SPRP-P-PC		COMP	CORR	REFURBISH/REPLACE		6/4/25 7:39 AM
4604103	1313, Lindsay WWT, Clarifier and Aeration Cleaning	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		6/2/25 1:16 PM
4604682	1313, Lindsay WWT, UV Bank 1B Exhaust Fan Failure, Replace	1313-WWLS-P-DI-ULVL		CLOSE	CORR	REFURBISH/REPLACE		6/5/25 9:04 AM
4604303	1313, Riverview SPS, Diesel Generator Repairs	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	CORR	REFURBISH/REPLACE		6/3/25 2:50 PM
4604304	1313, Lindsay St North SPS, Check Valve Repair	1313-SPLN-P-PI	0000422557	CLOSE	CORR	REFURBISH/REPLACE		6/3/25 2:54 PM
4607624	1313, Lindsay WWT, Aeration Piping Repair	1313-WWLS-P-ST-AERA		CLOSE	CORR	REFURBISH/REPLACE		6/18/25 1:44 PM
4607763	1313, Lindsay WWT, Recirc Pump RP502 Water Solenoid Failure, Order/Replace	1313-WWLS-P		CLOSE	CORR	REFURBISH/REPLACE		6/19/25 2:27 PM

4607899	1313, Lindsay WWT,MX 361 High Temp/Seal Leak	1313-WWLS-P-ST-AERA	0000343827	CLOSE	CORR	REFURBISH/REPLACE		6/20/25 1:45 PM
4609298	1313, Wellington SPS, UPS Failure, Purchase/Replace	1313-SPWL-F		CLOSE	CORR	REFURBISH/REPLACE		6/27/25 8:32 AM
4609617	1313, Lindsay WWT, Inlet Emergency Lights Not Working, Investigate/Repair	1313-WWLS-F-SY		CLOSE	CORR	REFURBISH/REPLACE		6/30/25 8:26 AM
4646455	1313, Lindsay WWT, Emergency Lights Repair	1313-WWLS		CLOSE	CORR	HEALTH AND SAFETY		7/2/25 12:25 PM
4659475	1313, Lindsay WWT, UV End Cap Replacements, Order	1313-WWLS-P-DI-ULVL		CLOSE	CORR	REFURBISH/REPLACE		7/4/25 7:13 AM
4660209	1313, Lindsay WWT, UV End Cap Upgrade Install	1313-WWLS-P-DI-ULVL		CLOSE	CORR	REFURBISH/REPLACE		7/7/25 7:34 AM
4661108	1313, Jennings Creek SPS, Generator Fault	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	CORR	REFURBISH/REPLACE		7/10/25 8:55 AM
4661119	1313, Lindsay WWT, AC Unit Failure, Replace fuse	1313-WWLS-F-HV		CLOSE	CORR	REFURBISH/REPLACE		7/10/25 9:46 AM
4662599	1313, Lindsay WWT, Inline Mixer issues, Investigate	1313-WWLS-P		CLOSE	CORR	REFURBISH/REPLACE		7/17/25 3:00 PM
4663066	1313, Ridout SPS, Pump 2 Fault, Investigate/Repair	1313-SPRI-P		CLOSE	CORR	REFURBISH/REPLACE		7/21/25 7:40 AM
4663719	1313, Lindsay WWT, Inlet Outlet Cleaning	1313-WWLS-P-ST	0000423572	CLOSE	CORR	REFURBISH/REPLACE		7/24/25 1:30 PM
4665090	1313, Lindsay WWT, Sump Pump Repair In Inlet Building	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		7/31/25 10:05 AM
4707446	1313, Lindsay St North SPS, Pump 2 Lower Bearing Temp Warning, Investigate	1313-SPLN-P		COMP	CORR	REFURBISH/REPLACE		8/5/25 10:14 AM
4708888	1313, Lindsay WWT, Scum Pump Repair	1313-WWLS-P	0000423806	CLOSE	CORR	REFURBISH/REPLACE		8/11/25 3:01 PM
4709224	1313 Lindsay WWT, AC Repair in Blower Room	1313-WWLS-F		COMP	CORR	REFURBISH/REPLACE		8/13/25 9:00 AM
4708753	1313, Mary SPS, Intermittent Low Level Alarm, Investigate	1313-SPMA-P-PC		CLOSE	CORR	REFURBISH/REPLACE		8/11/25 7:14 AM
4708754	1313, Mary SPS, Float Mode Inspection	1313-SPMA-F		CLOSE	CORR	REFURBISH/REPLACE		8/11/25 7:24 AM
4708761	1313, Lindsay WWT, Grit Paddle Drive Thermistor Fault, Investigate/Repair	1313-WWLS-P-HW-GRIT		COMP	CORR	REFURBISH/REPLACE		8/11/25 7:30 AM
4710555	1313, Riverview SPS, Level Tranducer Mount Broken, Repair	1313-SPRV-P-PC		CLOSE	CORR	REFURBISH/REPLACE		8/21/25 8:02 AM
4759702	1313, Lindsay WWT, Transformer Compound, Vegetation Cleanup	1313-WWLS-F-PD	0000423402	CLOSE	CORR	REFURBISH/REPLACE		9/5/25 8:32 AM
4762337	1313, Ridout SPS, Water Supply For Basement, Repair	1313-SPRI-P-PI		CLOSE	CORR	REFURBISH/REPLACE		9/16/25 12:10 PM
4762460	1313, Lindsay WWT, Actiflo 2, RP520, Gland Replacement	1313-WWLS-P	0000343936	CLOSE	CORR	REFURBISH/REPLACE		9/17/25 8:41 AM
4761237	1313, Lindsay WPCP, Actiflo #2 Injection Mixer Blade Repair	1313-WWLS-P-PC-TRIT	0000423859	CLOSE	CORR	REFURBISH/REPLACE		9/11/25 10:59 AM
4763449	1313, Mary SPS, Pump 1 Fail	1313-SPMA-P	0000423454	CLOSE	CORR	REFURBISH/REPLACE		9/22/25 5:04 PM
4764104	1313, Lindsay WWT, Recirc Pump 1, Replace Gaskets	1313-WWLS-F-BL	0000423428	CLOSE	CORR	REFURBISH/REPLACE		9/26/25 7:56 AM

4763886	1313, Lindsay WWT, DCVA, Hot Supply to Polymer Mixer, Replace # 2 Check	1313-WWLS-P-PI	0000422471	CLOSE	CORR	REFURBISH/REPLACE		9/25/25 7:05 AM
4815454	1313, Lindsay WPCP, Scum Wet Well Float, Replace	1313-WWLS		COMP	CORR	REFURBISH/REPLACE		10/6/25 12:35 PM
4816437	1313, Wellington SPS, Pump 2, Flange Repair	1313-SPWL-P	0000343928	CLOSE	CORR	REFURBISH/REPLACE		10/10/25 2:34 PM
4858424	1313, Lindsay WWT, Emergency Light Repairs	1313-WWLS-F		CLOSE	CORR	REFURBISH/REPLACE		10/31/25 3:01 PM
4861360	1313, Lindsay WWT, Additional Grass Cutting	1313-WWLS-P-ST	0000423572	CLOSE	CORR	REFURBISH/REPLACE		11/6/25 8:44 AM
4861393	1313, Central Leachate SPS, Pump 1 Overload Tripped, Investigate	1313-SPCL	0000423312	CLOSE	CORR	REFURBISH/REPLACE		11/6/25 12:40 PM
4861159	1313, Lindsay St North SPS, Service Leak in Building, Repair	1313-SPLN-P-PI		CLOSE	CORR	REFURBISH/REPLACE		11/5/25 6:54 AM
4863312	1313, Rivera Park SPS, Pump 3 Failure to Run, Investigate/Repair	1313-SPRP-P-PC		COMP	CORR	REFURBISH/REPLACE		11/17/25 9:05 AM
4863554	1313, Lindsay WWT North Actiflo Propane Heater Replacement	1313-WWLS-F-HV		COMP	CORR	REFURBISH/REPLACE		11/19/25 8:29 AM
4863555	1313, Ridout SPS, Facility Roof Repair	1313-SPRI-F		CLOSE	CORR	REFURBISH/REPLACE		11/19/25 8:33 AM
4863659	1313, Riverview SPS, Ultrasonic Faulty	1313-SPRV-P-PC	0000421429	CLOSE	CORR	REFURBISH/REPLACE		11/20/25 7:47 AM
4864774	1313, Lindsay WWT Driveway Repairs	1313-WWLS-F		COMP	CORR	REFURBISH/REPLACE		11/27/25 1:03 PM
4906340	1313, Mary SPS, Pump Repair Replace	1313-SPMA-P	0000423454	COMP	CORR	REFURBISH/REPLACE		12/2/25 7:54 AM
4906963	1313, Riverview SPS, Generator Running, Investigate	1313-SPRV-F-PD		CLOSE	CORR	REFURBISH/REPLACE		12/5/25 2:11 PM
4908221	1313, Ridout SPS, Pump 2 SCR Failure, Investigate/Repair	1313-SPRI-P-PC		COMP	CORR	REFURBISH/REPLACE		12/12/25 8:06 AM
4908153	1313, Lindsay WWT, Boiler Recirculation Pump 1, Repair	1313-WWLS-F-BL	0000423428	COMP	CORR	REFURBISH/REPLACE		12/11/25 1:36 PM
4909133	1313, Lindsay St North SPS, Building Service Line, Leak	1313-SPLN-F		COMP	CORR	REFURBISH/REPLACE		12/17/25 2:45 PM
4141964	DEFERRED Engine Diesel Inspection/Service by Contractor (1y) - 1313 Fairgrounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	REFURBISH/REPLACE	9/6/24 12:00 AM	1/1/25 12:01 PM
4284033	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 12:55 AM
4284040	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 12:55 AM
4284377	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM
4284379	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM
4284388	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM
4284397	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM
4284406	Daily Operational Activities (1y) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM

4284423	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:02 AM
4284442	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:03 AM
4284461	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:03 AM
4284480	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:03 AM
4284499	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:04 AM
4284518	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:04 AM
4284537	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:04 AM
4284556	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:04 AM
4284562	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:04 AM
4286765	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	1/1/25 12:00 AM	1/1/25 1:38 AM
4301607	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 7:37 AM
4301728	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 7:40 AM
4304633	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 8:34 AM
4306088	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 8:59 AM
4306714	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 9:08 AM
4307024	Valve Backflow Preventer Testing/Inspection by Contractor (1y) - 1313 Main Building - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	1/1/25 12:00 AM	1/1/25 9:13 AM
4307138	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 9:15 AM
4307342	HS03 H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	1/1/25 12:00 AM	1/1/25 9:18 AM
4318222	ESA Inspection By Contractor (1y) # 1 Visits- 1313 - KTC	1313-WWLS-F		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 12:05 PM
4318253	ESA Inspection By Contractor (1y) # 0 Visit - 1313 Ridout SPS - KTC	1313-SPRI-F		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 12:06 PM
4318258	ESA Inspection By Contractor (1y) # 0 Visit - 1313 Jennings Creek SPS - KTC	1313-SPJC-F		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 12:06 PM
4318266	ESA Inspection By Contractor (1y) # 1 Visits - 1313 Rivera Park SPS - KTC	1313-SPRP-P		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 12:06 PM
4318276	ESA Inspection By Contractor (1y) # 0 Visit - 1313 Lindsay St N SPS - KTC	1313-SPLN-F		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 12:06 PM
4322388	Daily Operational Activities (1y) - 1313 SPS - KTC	1313-WWLS		COMP	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 1:05 PM
4322752	ESA Inspection By Contractor (1y) # 1 Visit - 1313 Fairgrounds SPS - KTC	1313-SPFG		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 1:10 PM

4322757	ESA Inspection By Contractor (1y) # 1 Visit - 1313 Logie SPS - KTC	1313-SPLO-F		COMP	PM	CALIBRATION	1/1/25 12:00 AM	1/1/25 1:10 PM
4335098	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	1/12/25 12:00 AM	1/12/25 12:16 AM
4341251	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:50 AM
4341253	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:50 AM
4341262	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:50 AM
4341271	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:50 AM
4341292	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:51 AM
4341311	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:51 AM
4341330	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:51 AM
4341349	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:51 AM
4341368	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:52 AM
4341425	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:52 AM
4341387	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:52 AM
4341431	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:52 AM
4341406	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:52 AM
4343295	Mixer Flocculator Insp/Service (1y) - 1313 Actiflo #1 MM501- KTC	1313-WWLS-P	0000423864	CLOSE	PM	REFURBISH/REPLACE	2/1/25 12:00 AM	2/1/25 1:23 AM
4343303	Mixer Flocculator Insp/Service (1y) - 1313 Actiflo #2 MM502 - KTC	1313-WWLS-P	0000423858	CLOSE	PM	REFURBISH/REPLACE	2/1/25 12:00 AM	2/1/25 1:23 AM
4343166	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	2/1/25 12:00 AM	2/1/25 1:21 AM
4341012	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:46 AM
4341019	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 12:46 AM
4354401	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 4:33 AM
4354512	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 4:35 AM
4356513	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 6:57 AM
4358564	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	2/1/25 12:00 AM	2/1/25 8:42 AM
4358080	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 8:31 AM

4358428	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 8:39 AM
4357751	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 8:25 AM
4379954	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	2/12/25 12:00 AM	2/12/25 12:16 AM
4384344	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:38 AM
4384705	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:43 AM
4384351	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:39 AM
4384724	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:43 AM
4384743	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:44 AM
4384749	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:44 AM
4384569	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:41 AM
4384571	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:41 AM
4384580	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:42 AM
4384589	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:42 AM
4384610	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:42 AM
4384629	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:42 AM
4384648	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:42 AM
4384667	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:43 AM
4384686	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 12:43 AM
4386464	Blower Inspection/Service (1y) - 1313 Route - KTC	1313-WWLS		BUSCOMP	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:08 AM
4386477	Compressor Air Insp/Service (1y) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:09 AM
4386487	Gear Drive Service (1y) - 1313 - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:09 AM
4386515	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:09 AM
4386518	UV Light Cleaning & Insp. (1y) - 1313 - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:09 AM
4386748	Mixer Flocculator Insp/Service (1y) - 1313 Actiflo #1 IM501 - KTC	1313-WWLS-P	0000423865	CLOSE	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:13 AM
4386756	Mixer Flocculator Insp/Service (1y) - 1313 Actiflo #2 IM502 - KTC	1313-WWLS-P	0000423859	CLOSE	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 1:13 AM

4386767	Pump Cent Insp/Service (1y) - 1313 Inlet Coagulant Transfer CTP201 - KTC	1313-WWLS-P	0000423842	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 1:13 AM
4386775	Pump Cent Insp/Service (1y) - 1313 Alum Transfer CTP701 - KTC	1313-WWLS-P	0000423797	COMP	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 1:13 AM
4394298	UPS Insp/Service (1y) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 3:04 AM
4398164	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 3:59 AM
4398359	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	COMP	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 4:01 AM
4401017	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 4:43 AM
4402361	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 5:40 AM
4402683	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 5:46 AM
4402980	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 5:50 AM
4403135	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	3/1/25 12:00 AM	3/1/25 5:52 AM
4404212	Odour Control Force Main Vent Filter Change (6m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-P-PI	0000423398	COMP	PM	REFURBISH/REPLACE	3/1/25 12:00 AM	3/1/25 6:07 AM
4404984	Boiler System Water Treatment Service by Contractor (3m) - 1313 - KTC	1313-WWLS-F-BL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 6:18 AM
4425851	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	3/12/25 12:00 AM	3/12/25 12:16 AM
4431443	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:54 AM
4431462	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:54 AM
4431481	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:54 AM
4431364	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:53 AM
4431500	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:55 AM
4431366	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:53 AM
4431519	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:55 AM
4431375	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:53 AM
4431538	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:55 AM
4433281	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	4/1/25 12:00 AM	4/1/25 1:20 AM
4431139	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:49 AM
4431146	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:50 AM

4431384	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:53 AM
4431405	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:54 AM
4431424	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 12:54 AM
4445940	Clarifier Inspection & Service (6m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	4/1/25 12:00 AM	4/1/25 4:30 AM
4445950	Clarifier Arm Install/Remove (6m) - 1313 - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	4/1/25 12:00 AM	4/1/25 4:30 AM
4446813	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 4:44 AM
4446679	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 4:42 AM
4450591	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 6:27 AM
4452389	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 6:53 AM
4452668	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 6:58 AM
4451946	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 6:47 AM
4452890	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	4/1/25 12:00 AM	4/1/25 7:07 AM
4453556	Facility Window Cleaning by Contractor (1y) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	4/1/25 12:00 AM	4/1/25 7:19 AM
4486881	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	4/12/25 12:00 AM	4/12/25 12:16 AM
4491866	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:44 AM
4491873	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:44 AM
4492319	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:52 AM
4492338	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:52 AM
4492344	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:52 AM
4492164	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:49 AM
4492166	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:49 AM
4492175	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:50 AM
4492184	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:50 AM
4492205	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:50 AM
4492224	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:50 AM

4492243	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:50 AM
4492262	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:51 AM
4492281	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:51 AM
4492300	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:51 AM
4494035	Lifting Devices & Fall Arrest Inspection by Contractor (1y) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 1:22 AM
4494042	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 1:22 AM
4497189	Tank Wetwell Cleaning/Inspection (1y) - 1313 Jennings Creek SPS - KTC	1313-SPJC-P	0000423634	COMP	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 2:29 AM
4494257	Tank Wetwell Cleaning/Inspection (1y) - 1313 Fairgrounds SPS - KTC	1313-WWLS-P	0000423653	CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 1:27 AM
4494272	Tank Wetwell Cleaning/Inspection (1y) - 1313 Logie SPS - KTC	1313-SPLO-P	0000423654	CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 1:27 AM
4494287	Tank Wetwell Cleaning/Inspection (1y) - 1313 Riverview SPS - KTC	1313-SPRV-P	0000423655	CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 1:27 AM
4507333	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 6:39 AM
4507457	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 6:42 AM
4510130	Air Conditioning Unit Service by Contractor (1y) - 1313 Main Plant & SPS - KTC	1313-WWLS-F-HV		CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 7:45 AM
4510150	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 7:46 AM
4510589	Tank Wetwell Cleaning/Inspection (1y) - 1313 Mary St SPS - KTC	1313-SPMA-P	0000423565	CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 7:55 AM
4511876	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 8:22 AM
4512260	Tank Wetwell Cleaning/Inspection (1y) - 1313 Rivera Park SPS - KTC	1313-SPRP-F	0000423471	CLOSE	PM	REFURBISH/REPLACE	5/1/25 12:00 AM	5/1/25 8:30 AM
4512275	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 8:30 AM
4512552	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 8:35 AM
4512726	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	5/1/25 12:00 AM	5/1/25 8:39 AM
4552978	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	5/12/25 12:00 AM	5/12/25 12:16 AM
4558460	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:41 AM
4558467	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:41 AM
4558950	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:47 AM
4558956	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:47 AM

4558776	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:45 AM
4558778	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:45 AM
4558787	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:45 AM
4558796	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:45 AM
4558817	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	COMP	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:46 AM
4558836	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:46 AM
4558855	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:46 AM
4558874	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:46 AM
4558893	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:47 AM
4558912	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 12:47 AM
4560674	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	6/1/25 12:00 AM	6/1/25 1:10 AM
4560935	Central Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 1:14 AM
4560938	South Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 1:14 AM
4560941	Lindsay St N Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 1:14 AM
4574077	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 4:53 AM
4574086	North Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 4:53 AM
4574243	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 4:56 AM
4576939	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 6:38 AM
4580001	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 7:26 AM
4579599	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 7:19 AM
4580460	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 7:32 AM
4580654	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	6/1/25 12:00 AM	6/1/25 7:36 AM
4582650	Boiler System Water Treatment Service by Contractor (3m) - 1313 - KTC	1313-WWLS-F-BL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 8:03 AM
4606180	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	6/12/25 12:00 AM	6/12/25 12:16 AM
4606251	1313, Fairgrounds SPS Battery Charger Replacement	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	REFURBISH/REPLACE		6/12/25 8:44 AM

4609301	1313, Lindsay WWT, Spare Recirculation Pump Cooling Water Asco Valves	1313-WWLS-S		CLOSE	PM	PREDICTIVE MAINTENANCE		6/27/25 8:52 AM
4622166	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:41 PM
4622168	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:41 PM
4622177	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:41 PM
4622186	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:42 PM
4621928	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:28 PM
4621935	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:28 PM
4622207	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:42 PM
4622226	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:43 PM
4622245	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:43 PM
4622264	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:44 PM
4622283	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:44 PM
4622302	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:45 PM
4622321	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:45 PM
4622340	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:45 PM
4622346	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/1/25 12:00 AM	7/1/25 12:46 PM
4624028	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	7/1/25 12:00 AM	7/1/25 2:04 PM
4635993	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 1:59 AM
4636125	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 2:07 AM
4638758	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 5:33 AM
4640926	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 8:24 AM
4642577	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	7/2/25 12:00 AM	7/2/25 9:11 AM
4641777	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 8:56 AM
4640508	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/2/25 12:00 AM	7/2/25 7:37 AM
4661365	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	7/12/25 12:00 AM	7/12/25 11:40 AM

4666686	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:13 AM
4666693	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:13 AM
4666934	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:23 AM
4666936	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:23 AM
4666945	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:23 AM
4666954	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:23 AM
4666975	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:24 AM
4666994	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:24 AM
4667013	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:25 AM
4667032	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:25 AM
4667051	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:26 AM
4667070	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:26 AM
4667089	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:27 AM
4667108	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:27 AM
4667114	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:28 AM
4667119	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:28 AM
4668899	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	8/1/25 12:00 AM	8/1/25 2:35 AM
4669023	Panel Transfer Insp. (1y) - 1313 Generator - KTC	1313-WWLS-F-PD	0000423748	COMP	PM	REFURBISH/REPLACE	8/1/25 12:00 AM	8/1/25 2:39 AM
4679767	Building Eavestrough Inspection/Cleaning (1y) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 9:54 AM
4680116	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 10:07 AM
4680227	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 10:12 AM
4682440	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-WWLS-F-PG-PORT	0000329013	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 11:51 AM
4682748	Propane/Radiant Heater, Exhaust Fan, Boiler Insp/Service by Contractor (1y) - 1313 Route - KTC	1313-WWLS-F-HV		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 12:04 PM
4684498	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:10 PM
4684941	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	8/1/25 12:00 AM	8/1/25 1:28 PM

4684764	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 1:20 PM
4684187	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 12:58 PM
4694159	Blower Insp/Service By Contractor (1y) - 1313 Route - KTC	1313-WWLS		COMP	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 6:50 PM
4713741	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:22 AM
4713516	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:12 AM
4713743	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:22 AM
4713523	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:12 AM
4713752	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:22 AM
4713761	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:22 AM
4713782	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:23 AM
4713801	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:24 AM
4713820	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:24 AM
4713839	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:25 AM
4713858	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:25 AM
4713877	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:26 AM
4713896	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:26 AM
4713915	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:27 AM
4713921	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:27 AM
4715591	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:34 AM
4715966	HS09 Chemical Review (1y) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	9/1/25 12:00 AM	9/1/25 2:45 AM
4715973	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Fairgrounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:46 AM
4715979	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:46 AM
4715985	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:46 AM
4715991	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:46 AM
4715997	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:46 AM

4716003	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:47 AM
4716015	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:47 AM
4718753	Analyzer Fixed Gas Monitor Calibration by Contractor (1y) - 1313 - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 4:24 AM
4728212	Heater Unit Inspection (1y) - 1313 Main Plant Route - KTC	1313-WWLS		COMP	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 10:31 AM
4728859	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 10:59 AM
4728725	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 10:52 AM
4731293	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 12:36 PM
4734318	Engine Diesel Inspection/Service by Contractor (1y) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 2:13 PM
4734858	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	9/1/25 12:00 AM	9/1/25 2:31 PM
4734299	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 2:13 PM
4733875	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 1:58 PM
4736064	Odour Control Force Main Vent Filter Change (6m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-P-PI	0000423398	COMP	PM	REFURBISH/REPLACE	9/1/25 12:00 AM	9/1/25 3:12 PM
4736209	Transformer Inspection/Maintenance by Contractor (2y) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PD	0000423403	CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 3:18 PM
4737037	Boiler System Water Treatment Service by Contractor (3m) - 1313 - KTC	1313-WWLS-F-BL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 3:46 PM
4734646	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 2:24 PM
4761383	Grit Chamber Clean-out/Inspection by Contractor (1y) - 1313 - KTC	1313-WWLS-P-HW-GRIT	0000423868	CLOSE	PM	REFURBISH/REPLACE	9/12/25 12:00 AM	9/12/25 1:54 PM
4767000	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:17 AM
4767002	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL		COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:17 AM
4767011	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:18 AM
4766752	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:09 AM
4767020	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:18 AM
4766759	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:09 AM
4767041	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:18 AM
4767060	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:19 AM
4767079	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:19 AM

4767098	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:20 AM
4767117	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:20 AM
4767136	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:20 AM
4767155	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:21 AM
4767174	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:21 AM
4767180	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:21 AM
4767185	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:22 AM
4768912	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	10/1/25 12:00 AM	10/1/25 2:17 AM
4780578	Clarifier Inspection & Service (6m) - 1313 - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	10/1/25 12:00 AM	10/1/25 8:50 AM
4781263	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 9:15 AM
4781381	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 9:20 AM
4784666	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 11:06 AM
4787478	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 12:38 PM
4787372	Valve Backflow Preventer Testing/Inspection by Contractor (1y) - 1313 SPS - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	10/1/25 12:00 AM	10/1/25 12:35 PM
4787388	Valve Backflow Preventer Testing/Inspection by Contractor (1y) - 1313 Inlet Building - KTC	1313-WWLS		COMP	PM	REFURBISH/REPLACE	10/1/25 12:00 AM	10/1/25 12:36 PM
4787116	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 12:27 PM
4787446	Pump Diaphragm Inspection/Service (1y) - 1313 - KTC	1313-WWLS-P		CLOSE	PM	REFURBISH/REPLACE	10/1/25 12:00 AM	10/1/25 12:37 PM
4786419	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 12:06 PM
4787677	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	10/1/25 12:00 AM	10/1/25 12:46 PM
4791887	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000433760	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:54 PM
4791896	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Fairgrounds - KTC	1313-SPFG-F-PG-ENGN	0000433752	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:54 PM
4791902	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Jennings Creek - KTC	1313-SPJC-F-PG	0000433753	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM
4791913	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Lindsay St N Tank #2 - KTC	1313-SPLN-F-PG	0000433755	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM
4791919	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Logie - KTC	1313-SPLO-F-PG-ENGN	0000433756	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM
4791926	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Ridout - KTC	1313-SPRI-F-PG-ENGN	0000433757	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM

4791936	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Rivera Park - KTC	1313-SPRP-F-PG-ENGN	0000433758	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM
4791947	Tank Storage Diesel Fuel Inspection by Contractor (10y) - 1313 Riverview - KTC	1313-SPRV-F-PG-ENGN	0000433759	COMP	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:55 PM
4821376	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821383	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821652	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL	0000423312	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821661	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821682	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821701	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821641	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821720	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821643	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL	0000423310	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821739	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821758	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821777	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821796	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821815	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821821	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4821826	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4823529	Online Process Equipment Calibration Service by Contractor (1y) - 1313 - KTC	1313-WWLS		COMP	PM	CALIBRATION	11/1/25 12:00 AM	11/1/25 1:00 AM
4823534	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	11/1/25 12:00 AM	11/1/25 1:00 AM
4834512	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL	0000423313	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4834623	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4836637	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4837958	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4838684	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM

4838998	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM
4839122	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	HEALTH AND SAFETY	11/1/25 12:00 AM	11/1/25 1:00 AM
4861160	1313, Lindsay WWT, Valve Leaking Air	1313-WWLS-P-PI	0000329203	CLOSE	PM	REFURBISH/REPLACE		11/5/25 7:22 AM
4866498	Blower Inspection (1m) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866721	Lindsay St N Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPLL	0000423310	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866730	Central Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPCL	0000423312	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866739	South Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPSL		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866760	Engine Diesel (1m) - 1313 Fairgounds SPS - KTC	1313-SPFG-F-PG-ENGN	0000421390	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866780	Engine Diesel (1m) - 1313 Logie SPS - KTC	1313-SPLO-F-PG-ENGN	0000421421	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866800	Engine Diesel (1m) - 1313 Riverview SPS - KTC	1313-SPRV-F-PG-ENGN	0000421431	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866820	Engine Diesel (1m) - 1313 Jennings Creek SPS - KTC	1313-SPJC-F-PG-ENGN	0000421440	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866840	Engine Diesel (1m) - 1313 Ridout SPS - KTC	1313-SPRI-F-PG-ENGN	0000422230	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866860	Engine Diesel (1m) - 1313 Lindsay St N SPS - KTC	1313-SPLN-F-PG	0000423534	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866880	Engine Diesel (1m) - 1313 Main Plant - KTC	1313-WWLS-F-PG-ENGN	0000423531	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866900	Gear Drive Insp/Service - (1m) - 1313 Inlet Grit Removal - KTC	1313-WWLS-P-HW-GRIT	0000423810	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866906	Analyzer DO Inspection (1m) - 1313 DO Analyzer Route - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4866911	UV Light Bank Cleaning & Insp. (1m) - 1313 UV Route - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4868592	Tank Alum Inspection (1m) - 1313 - KTC	1313-WWLS		CLOSE	PM	REFURBISH/REPLACE	12/1/25 12:00 AM	12/1/25 12:00 AM
4868845	Central Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPCL	0000423312	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4868848	South Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPSL		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4868851	Lindsay St N Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPLL	0000423310	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4880319	Alarm Dialer Testing (1m) - 1313 Main Plant - KTC	1313-WWLS-F-IT	0000423613	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4880170	North Leachate SPS Monitor/Insp (1m) - 1313 - KTC	1313-SPNL	0000423313	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4880179	North Leachate SPS Pump Check/Insp (6m) - 1313 - KTC	1313-SPNL	0000423313	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4882251	Engine Gas Honda Portable - (1m) - 1313 Lindsay WWT Shop - KTC	1313-SPWL-F-PD	0000329013	COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM

4884241	Lagoon Inspection (1m) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4884381	H & S Equipment Check (1m) - 1313 - KTC	1313-WWLS		COMP	PM	HEALTH AND SAFETY	12/1/25 12:00 AM	12/1/25 12:00 AM
4883965	Engine Diesel (1m) - 1313 Rivera Park SPS - KTC	1313-SPRP-F-PG-ENGN	0000423498	CLOSE	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4883656	Chemical Feed System Insp (1m) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4886162	Boiler System Water Treatment Service by Contractor (3m) - 1313 - KTC	1313-WWLS-F-BL		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM
4906144	Alarm Dialer Testing (1m) - 1313 SPS - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 8:40 AM
4906151	Building and Grounds Maintenance (1m) - 1313 - KTC	1313-WWLS		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 8:41 AM

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix IV:
Calibration Reports

Franklin Empire
550 Braidwood Ave. Unit 4
Peterborough ON K9J 1W1, CANADA

Tel: (705) 745-1626
Fax: (705) 745-3493

OCWA Kawartha Lindsay WWTP

2025 Flow Calibrations

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-501

Date: 15-Dec-25

SITE:	Lindsay WWTP	**SERVICE DATE:**	December 15, 2025
PROCESS AREA:	Actiflo 1	**TECHNICIAN:**	M Manley
INSTR. TAG:	FIT-501	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC 090		
SERIAL No.:	A98 18896		
INSTR. RANGE:	0000423853		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s	m3/day
Min:	0.00		**Min:**	4.00	0.00	
Max:	2.15		**Max:**	20.00	373.30	32250.00
DN (mm):	450	18				
GK=1 GKL=2	1			coil	117.8	ohms
GK:	3.589			open to ground		
Constant:	4177.44					

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	4.00	0.00%	4.00	0.00%
0.50	A	7.73	7.72	-0.13%	7.72	-0.13%
1.00	B	11.46	11.45	-0.09%	11.45	-0.09%
2.00	C	18.91	18.88	-0.16%	18.88	-0.16%

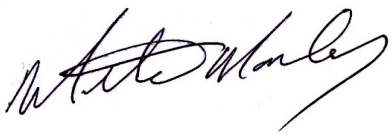
Calibration Equipment			
Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments:

Total 45.079 E6m3

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:



CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-502

Date: 15-Dec-25

SITE:	Lindsay WWTP
PROCESS AREA:	Actiflo 2
INSTR. TAG:	FIT-502
MANUFACTURER:	Krohne
MODEL:	IFC 090
SERIAL No.:	A98 18895
INSTR. RANGE:	0000423852

SERVICE DATE:	December 15, 2025
TECHNICIAN:	M Manley
JOB REFERENCE:	LINDSWW 25

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s	m3/day
Min:	0.00		**Min:**	4.00	0.00	
Max:	2.17		**Max:**	20.00	373.30	32250.00
DN (mm):	450	18				
GK=1 GKL=2	1			coil	117.2	ohms
GK:	3.548			open to ground		
Constant:	4177.44					

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	4.00	0.00%	4.00	0.00%
0.50	A	7.69	7.66	-0.39%	7.66	-0.39%
1.00	B	11.37	11.33	-0.35%	11.33	-0.35%
2.00	C	18.74	18.68	-0.32%	18.68	-0.32%

Calibration Equipment			
Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments:

47.396 E6 m3

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

middle leachate

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-101

Date: 16-Dec-25

SITE:	Lindsay WWTP
PROCESS AREA:	Middle Leachate
	FIT-101
MANUFACTURER:	Krohne
MODEL:	IFC 090
SERIAL No.:	A03 29326
INSTR. RANGE:	0000423619

SERVICE DATE:	December 16, 2025
TECHNICIAN:	M Manley
JOB REFERENCE:	LINDSWW 25

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	6.67		**Max:**	20.00	25.00
DN (mm):	80	3 inch			
GK=1 GKL=2	1			coil	62.0 ohms
GK:	2.445			open to ground	
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	4.00	0.00%	4.00	0.00%
0.50	A	5.20	5.18	-0.38%	5.18	-0.38%
1.00	B	6.40	6.39	-0.16%	6.39	-0.16%
2.00	C	8.79	8.78	-0.11%	8.78	-0.11%
5.00	D	15.99	15.96	-0.19%	15.96	-0.19%

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments: In Panel outside, fuse marked on instrument. (CB#8 3rd from right) (mA input 2 on RCI 800)

226680m3

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-201

Date: 15-Dec-25

SITE:	Lindsay WWTP	**SERVICE DATE:**	December 15, 2025
PROCESS AREA:	South Leachate		
	FIT-201	**TECHNICIAN:**	M Manley
MANUFACTURER:	Krohne		
MODEL:	IFC100	**JOB REFERENCE:**	LINDSWW 25
SERIAL No.:	S15302427		
INSTR. RANGE:	0000423730		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	2.74		**Max:**	20.00	10.00
DN (mm):	80	3 inch			
GK=1 GKL=2	2			coil	61.7 ohms
GK:	4.757			open to ground	open
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	3.99	-0.25%	3.99	-0.25%
0.50	A	6.92	6.91	-0.14%	6.91	-0.14%
1.00	B	9.83	9.84	0.10%	9.84	0.10%
2.00	C	15.66	15.67	0.06%	15.67	0.06%
5.00	D	33.15				
10.00	E	62.31				

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments: Total AF 143432.9 m3
S78 123S
SWB SRWS

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-203

Date: 15-Dec-25

SITE:	Lindsay WWTP	**SERVICE DATE:**	December 15, 2025
PROCESS AREA:	North / Middle Leachate	**TECHNICIAN:**	M Manley
INSTR. TAG:	FIT-203	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC 090		
SERIAL No.:	A03 21903		
INSTR. RANGE:	0000422119		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	15.22		**Max:**	20.00	90.00
DN (mm):	100	4			
GK=1 GKL=2	1			coil	102.0 ohms
GK:	2.470			open to ground	
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	4.00	0.00%	4.00	0.00%
0.50	A	4.53	4.49	-0.88%	4.49	-0.88%
1.00	B	5.05	5.02	-0.59%	5.02	-0.59%
2.00	C	6.10	6.06	-0.66%	6.06	-0.66%
5.00	D	9.26	9.23	-0.32%	9.23	-0.32%
10.00	E	14.51	14.43	-0.55%	14.43	-0.55%

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments:

Display cycles 2Xper second and pushbuttons not working.
Noisy signal, somewhat erratic, Consider replacement.

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-202

Date: Dec. 16, 2025

SITE:	Lindsay WW	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Reject	**TECHNICIAN:**	M Manley
INSTR. TAG:	FIT-202	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Greyline Transit Time		
MODEL:	TTFM 1.0		
SERIAL No.:	53787		
Type:	0000423880		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	Simulation		**Type or EGU:**	mA	m3/day	m3/hr
Min:	0		**Min:**	4.00	0	0
Max:	25920		**Max:**	20.00	25920.000	1080
Pipe OD:	12.75					
Sensor Spacing:	4.5 inch	1 Pass				
Material:	Stainless Steel					

			Before Calibration		**After Calibration**	
Input	**Input %**	**Calc. m3/day**	**Output**	**%Error**	**Output**	**%Error**
0			0		0	
440		440	432	-1.82%	432	-1.82%
Simulation	**Input %**	**Calc. mA**	**Output**	**%Error**	**Output**	**%Error**

Calibration Equipment			
Type:	DMM	Clamp-on Transit time Flowmeter	
Manufacturer:	Fluke	Siemens	
2018 Flow Calibrat	Model 87	FUP1010	
Serial No.:	13440128	Service	
Last Cal. Date:	Feb. 11, 2025		

Comments: Sig strength was jumpy 34% - 84%, Signal strength was 100% steady after.

Unsteady flow but readings improved after transducers were removed and reinstalled with new couplant.
correction factor 1.00

AS FOUND: UNSTABLE **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-101

Date: Dec. 15, 2025

SITE:	Lindsay WWTP	**SERVICE DATE:**	Dec. 15, 2025
PROCESS AREA:	Ridout SPS	**TECHNICIAN:**	M Manley
INSTR. TAG:	FIT-101	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC 020D		
SERIAL No.:	A0246587		
INSTR. RANGE:	0000422553		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s	m3/day
Min:	0.00		**Min:**	4.00	0.00	
Max:	7.31		**Max:**	20.00	450.00	
DN (mm):	300	12				
GK=1 GKL=2	1			coil	99.5	ohms
GK:	2.856			open to ground		
Constant:	4177.44					

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (mA)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	3.99	-0.25%	3.99	0.00%
0.50	A	5.09	5.04	-0.98%	5.04	-0.98%
1.00	B	6.19	6.13	-0.97%	6.13	-0.97%
2.00	C	8.38	8.29	-1.07%	8.29	-1.07%
5.00	D	14.94	14.77	-1.14%	14.77	-1.14%
10.00	E	25.88				

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments: Total 2180415m3

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-W SPS

Date: Dec. 16, 2025

SITE:	Lindsay WW Wellington SPS	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Wellington SPS		
INSTR. TAG:	FIT-W SPS	**TECHNICIAN:**	M Manley
MANUFACTURER:	Greyline Doppler		
MODEL:	DFM-IV	**JOB REFERENCE:**	LINDSWW 25
SERIAL No.:	20450		
Type:	0000422219		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	Simulation		**Type or EGU:**	mA	m3/s	m3/day
Min:	0.00		**Min:**	4.00	0	0
Max:	0.024		**Max:**	20.00	0.024	2074
Pipe ID:	3.96					
Material:	Cast Iron					

			Before Calibration		**After Calibration**	
Input	**Input %**	**Calc. m3/day**	**Output**	**%Error**	**Output**	**%Error**

Simulation	**Input %**	**Calc. mA**	**Output**	**%Error**	**Output**	**%Error**
0.000	0.00%	4.00	4.01		4.01	
0.006	25.00%	8.00	8.01		8.01	
0.120	50.00%	12.00	12.00		12.00	
0.018	75.00%	16.00	16.00		16.00	
0.024	100.00%	20.00	20.00		20.00	

Calibration Equipment			
Type:	DMM		
Manufacturer:	Fluke		
2018 Flow Calibrat	Model 87		
Serial No.:	13440128		
Last Cal. Date:	Feb. 11, 2025		

Comments: 2019 Tested pump 2, ran at 0.009 m3/sec, 2020 Tested Pump 2, ran at 0.01 m3/sec
2021 Tested Pump 1, ran at 0.010 m3/s, 2022 Tested Pump 1, ran at 0.009 m3/s
2023 P1 (new pump), ran at 0.012m3/s , 2024 Tested Pump 1, ran at 0.012m3/s
2025 Tested Pump 1, ran at 0.012m3/s
Functional test and mA output check only. This meter was not compared to any reference.

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 232 FIT 101

Date: Dec. 16, 2025

SITE:	Lindsay WWTP	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Logie St	**TECHNICIAN:**	M Manley
TAG:	232 FIT 101	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC 300		
SERIAL No.:	S0825543 CG30011100		
INSTR. RANGE:	0000421415		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	3.22		**Max:**	20.00	200.00
DN (mm):	250	10 inch			
GK=1 GKL=2	2			coil	
GK:	8.304			open to ground	
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (l/s)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	4.00	0.00%	4.00	0.00%
0.50	A	6.48	6.47	-0.15%	6.47	-0.15%
1.00	B	8.97	8.93	-0.45%	8.93	-0.45%
2.00	C	13.94	13.84	-0.72%	13.84	-0.72%

Calibration Equipment			
Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments:

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT-Fair

Date: Dec. 16, 2025

SITE:	Lindsay WW Fairgrounds	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Fairgrouds SPS		
INSTR. TAG:	FIT-Fair	**TECHNICIAN:**	M Manley
MANUFACTURER:	Greyline Doppler		
MODEL:	DFM-IV	**JOB REFERENCE:**	LINDSWW 25
SERIAL No.:	19456		
Type:	0000421388		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**	
Type:	Simulation		**Type or EGU:**	mA	m3/s	m3/day
Min:	0.00		**Min:**	4.00	0	0
Max:			**Max:**	20.00	0.056	4838
		programmed				
Pipe ID:	6	5.1				
Material:	plastic					

			Before Calibration		**After Calibration**	
Input	**Input %**	**Calc. m3/s**	**Output**	**%Error**	**Output**	**%Error**
0	0.00%	0	0	0.00%	0	0.00%
17.2	l/s	0.0172	0.018		0.018	
		17.2 l/s				

Calibration Equipment			
Type:	DMM	Clamp-on Transit time Flowmeter	
Manufacturer:	Fluke	Siemens	
2018 Flow Calibrat	Model 87	FUP1010	
Serial No.:	13440128	Service	
Last Cal. Date:	Feb. 11, 2025		

Comments: Verified with clamp on flowmeter, ALC 77, 1505 fps

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT 1

Date: Dec. 16, 2025

SITE:	Mary St SPS	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Pump 1	**TECHNICIAN:**	M Manley
INSTR. TAG	FIT 1	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC100		
SERIAL No.:	S17315264		
OCWA Code.	0000423609		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	3.69		**Max:**	20.00	25.00
DN (mm):	100	4 inch			
GK=1 GKL=2	2			coil	121.6ohms
GK:	5.657			to ground	8M ohms
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (l/s)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	3.99	-0.25%	3.99	0.00%
0.50	A	6.17	6.15	-0.32%	6.15	-0.32%
1.00	B	8.33	8.32	-0.12%	8.32	-0.12%
2.00	C	12.67	12.64	-0.24%	12.64	-0.24%
5.00	D	25.67				
10.00	E	47.33				

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments: SRB SRWS

8M ohms to ground. These meters have had moisture in the junction boxes. Recommend dry them out in the summer and fill them with potting compound.

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

FRANKLIN EMPIRE

CALIBRATION REPORT

Report No.: LINDSWW 25 FIT 2

Date: Dec. 16, 2025

SITE:	Mary St SPS	**SERVICE DATE:**	Dec. 16, 2025
PROCESS AREA:	Pump 2	**TECHNICIAN:**	M Manley
INSTR. TAG	FIT 2	**JOB REFERENCE:**	LINDSWW 25
MANUFACTURER:	Krohne		
MODEL:	IFC100		
SERIAL No.:	S17315262		
OCWA Code.	0000423611		

Input	**(Test)**		**Output**	**(Signal)**	**(Process)**
Type:	GS 8 (X val)		**Type or EGU:**	mA	l/s
Min:	0.00		**Min:**	4.00	0.00
Max:	3.73		**Max:**	20.00	25.00
DN (mm):	100	4 inch			
GK=1 GKL=2	2			coil	102.9 ohms
GK:	5.595			to ground	13M ohms
Constant:	4177.44				

			Before Calibration		**After Calibration**	
Input (Y pos)	**Knob Setting**	**Calc. O/P (l/s)**	**Output (mA)**	**%Error**	**Output (mA)**	**%Error**
0.00	0	4.00	3.99	-0.25%	3.99	0.00%
0.50	A	6.14	6.13	-0.16%	6.13	-0.16%
1.00	B	8.29	8.27	-0.24%	8.27	-0.24%
2.00	C	12.57	12.55	-0.16%	12.55	-0.16%
5.00	D	25.43				
10.00	E	46.86				

Calibration Equipment

Type:	DMM	Simulator	
Manufacturer:	Fluke	Krohne	
2018 Flow Calibrat	Model 87	GS 8B	
Serial No.:	13440128	U1127700020705	
Last Cal. Date:	Feb. 11, 2025	Mar. 27, 2025	

Comments: SRB SRWS

13M ohms to ground. These meters have had moisture in the junction boxes. Recommend dry them out in the summer and fill them with potting compound.

AS FOUND: PASS **AS LEFT:** PASS

CERTIFIED BY:

Verification report Promag 500

Endress+Hauser
People for Process Automation

Plant operator: OCWA.

Device information

Location	Lindsay WWTP
Device tag	Promag
Module name	C300-01
Nominal diameter	DN750 / 30"
Device name	Promag 500
Order code	5W5B7F-1K11/0
Serial number	T10D6919000
Firmware version	01.01.06

Heartbeat Technology

Calibration

Calibration factor	1.0939
Zero point	-10

Verification information

Operating time (counter)	1224d00h47m40s
Date/time (manually recorded)	15.12.25 10:37
Verification ID	6
Verification mode	Internal verification

Overall verification result*

☑ Passed	Details see next page

*Result of the complete device functionality test via Heartbeat Technology

Confirmation

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

Notes

Date | Operator's signature | Inspector's signature

Verification report Promag 500

Endress+Hauser
People for Process Automation

Plant operator: OCWA.

Device identification and verification identification

Serial number	T10D6919000
Device tag	Promag
Verification ID	6

Heartbeat Technology

Sensor		✅ **Passed**
Shot time symmetry		✅ Passed
Hold voltage symmetry		✅ Passed
Coil current loss		✅ Passed
Coil current stability		✅ Passed
Coil resistance		✅ Passed
Electrode circuit 1		✅ Passed
Electrode circuit 2		✅ Passed
Electrode circuit EPD		✅ Passed
Sensor electronic module (ISEM)		✅ **Passed**
Supply voltage		✅ Passed
External reference voltage		✅ Passed
Linearity and reference voltage		✅ Passed
Offset of electrode measuring circuit		✅ Passed
Hold voltage feedback		✅ Passed
Shot voltage feedback		✅ Passed
Electronic current loss		✅ Passed
Coil circuit measurement		✅ Passed
Shot control circuit		✅ Passed
Electrode signal integrity		✅ Passed
System status		✅ **Passed**
I/O module		✅ **Passed**
Input/output 1	26-27 (I/O 1)	✅ Passed
Input/output 2	24-25 (I/O 2)	✅ Passed
Input/output 3	22-23 (I/O 3)	☒ Not plugged
Input/output 4	20-21 (I/O 4)	☒ Not plugged

Plant operator: OCWA.

Device identification and verification identification

Serial number	T10D6919000
Device tag	Promag
Verification ID	6

Heartbeat Technology

Test item with value	Unit	Actual	Min.	Max.	Visualization
Sensor					
Shot time symmetry deviation		0.9975	0.9000	1.1000	
Hold voltage symmetry deviation		1.0018	0.9000	1.1000	
Coil current loss deviation	%	-0.06968	-10.0000	10.0000	
Coil current offset	%	0.00	-0.1	0.1	
Coil current deviation	%	0.016	-0.1	0.1	
Coil resistance value	Ohm	115.8	50.0	240.0	
Electrode impedance 1	Ohm	302.55			
Electrode impedance 2	Ohm	279.76			
Electrode EPD impedance	Ohm	335.76			
Electrode impedance E1/E2 on E1	Ohm	294.56			
Electrode impedance E1/E2 on E2	Ohm	272.97			
Sensor electronic module (ISEM)					
External reference voltage 1	V	-nan			
Linearity and reference voltage 1		0.9994			
Linearity and reference voltage 2		0.9997			
Measuring point offset		-2.9228	-100.0000	100.0000	
Hold voltage feedback value	%	1.12	-10.0	10.0	
Shot voltage feedback value	%	-0.38	-20.0	20.0	
Electronic current loss deviation	%	-0.032	-10.0000	10.0000	
Coil circuit value	%	0.055	-1.0	1.0	
Shot control circuit value	%	-0.0099	-10.0	10.0	
Electrode signal integrity deviation	%	7.79	-40.0	40.0	
System status					

Test item with value		Unit	Actual	Min.	Max.	Visualization
I/O module						
I/O module 1 terminal numbers	26-27 (I/O 1)					
Output 1 value 1		mA	0.01211	-0.1813	0.1813	
Output 1 value 2			0.0000	0.0000	0.0000	
I/O module 2 terminal numbers	24-25 (I/O 2)					
Output 2 value 1			1.0000	0.9995	1.0005	
Output 2 value 2			0.0000	0.0000	0.0000	

Plant operator: OCWA.

Device identification and verification identification	
Serial number	T10D6919000
Device tag	Promag
Verification ID	6

Test item with value	Unit	Actual
Process conditions		
Volume flow value verification	m^3/d	16918.22
Conductivity value verification	µS/cm	-nan
Electronic temperature	℃	20.7993

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device information

Location	Lindsay WW FIT-401
Device tag	FIT401
Module name	K323-00
Nominal diameter	DN450 / 18"
Device name	Promag 400
Order code	5W4C4F-7MD6/0
Serial number	SC22A719000
Firmware version	02.01.01

Calibration

Calibration factor	1.1386
Zero point	-13.0

Verification information

Operating time (counter)	1147d19h48m57s
Date/time (manually recorded)	15.12.25 10:55
Verification ID	28
Verification mode	Standard verification

Overall verification result*

☑ Passed	Details see next page

*Result of the complete device functionality test via Heartbeat Technology

Confirmation

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

Notes

Date | Operator's signature | Inspector's signature

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device identification and verification identification	
Serial number	SC22A719000
Device tag	FIT401
Verification ID	28

Heartbeat Technology

Sensor	☑ **Passed**
Shot time symmetry	☑ Passed
Hold voltage symmetry	☑ Passed
Coil current loss	☑ Passed
Coil current stability	☑ Passed
Coil resistance	☑ Passed
E1 electrode cable	☑ Passed
E2 electrode cable	☑ Passed
EPD electrode cable	☑ Passed
Sensor electronic module (ISEM)	☑ **Passed**
Supply voltage	☑ Passed
Internal voltages	☑ Passed
Linearity and reference voltage	☑ Passed
Offset of electrode measuring circuit	☑ Passed
Hold voltage feedback	☑ Passed
Shot voltage feedback	☑ Passed
Electronic current loss	☑ Passed
Coil circuit measurement	☑ Passed
Shot control circuit	☑ Passed
Electrode signal integrity	☑ Passed
System status	☑ **Passed**
I/O module	☑ **Passed**
Input/output 1	☑ Passed
Input/output 2	? Not done
Input/output 3	? Not done

Plant operator: OCWA

Device identification and verification identification

Serial number	SC22A719000
Device tag	FIT401
Verification ID	28

Heartbeat Technology

Test item with value	Unit	Actual	Min.	Max.	Visualization
Sensor					
Shot time symmetry deviation		1.0000	0.9000	1.1000	
Hold voltage symmetry deviation		1.0000	0.9000	1.1000	
Coil current loss deviation	%	0.1227	-10.0000	10.0000	
Coil current offset	%	0.02437	-0.1000	0.1000	
Coil current deviation	%	-0.008123	-0.1000	0.1000	
Coil resistance value	Ohm	134.0	50.0	240.0	
E1 electrode impedance	Ohm	514.60			
E2 electrode impedance	Ohm	447.38			
EPD electrode impedance	Ohm	414.09			
E1/E2 electrode impedance on E1	Ohm	500.32			
E1/E2 electrode impedance on E2	Ohm	436.55			
Sensor electronic module (ISEM)					
Supply voltage 30.0V	V	31.15	27.000	35.000	
Linearity and reference voltage 1		0.9993	0.9900	1.0100	
Linearity and reference voltage 2		0.9995	0.9900	1.0100	
Measuring point offset		8.4886	-100.0000	100.0000	
Hold voltage feedback value	%	0.80	-10.0	10.0	
Shot voltage feedback value	%	-0.74	-20.0	20.0	
Electronic current loss deviation	%	-0.17	-10.0000	10.0000	
Coil circuit value	%	0.00	-1.0	1.0	
Shot control circuit value	%	-0.092	-10.0	10.0	
Electrode signal integrity deviation	%	-0.12	-40.0	40.0	

Test item with value	Unit	Actual	Min.	Max.	Visualization
I/O module					
Output 1 value 1	mA	6.7548	6.6187	6.9544	
Output 1 value 2		0.0000	0.0000	0.0000	
Output 2 value 1		0.0000	0.0000	0.0000	
Output 3 value 1		0.0000	0.0000	0.0000	

Plant operator: OCWA

Device identification and verification identification	
Serial number	SC22A719000
Device tag	FIT401
Verification ID	28

Test item with value	Unit	Actual
Process conditions		
Volume flow value verification	m³/d	2787.750
Conductivity value verification	µS/cm	-nan
Electronic temperature	°C	30.1
Current difference potential	V	-0.007658
Current potential electrode 1	V	0.05991
Current potential electrode 2	V	0.06646
Current potential electrode Pipe GND	V	0.002176

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device information

Location	Lindsay WWTP FIT-421
Device tag	FIT421
Module name	K323-00
Nominal diameter	DN150 / 6"
Device name	Promag 400
Order code	5W4C1F-1H9E4/0
Serial number	SA25B919000
Firmware version	02.01.01

Calibration

Calibration factor	1.1313
Zero point	1.0

Verification information

Operating time (counter)	1147d19h53m30s
Date/time (manually recorded)	15.12.25 11:07
Verification ID	11
Verification mode	Standard verification

Overall verification result*

☑ Passed	Details see next page

*Result of the complete device functionality test via Heartbeat Technology

Confirmation

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

Notes

Date | Operator's signature | Inspector's signature

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device identification and verification identification

Serial number	SA25B919000
Device tag	FIT421
Verification ID	11

Heartbeat Technology

Sensor	☑ **Passed**
Shot time symmetry	☑ Passed
Hold voltage symmetry	☑ Passed
Coil current loss	☑ Passed
Coil current stability	☑ Passed
Coil resistance	☑ Passed
E1 electrode cable	☑ Passed
E2 electrode cable	☑ Passed
EPD electrode cable	☑ Passed
Sensor electronic module (ISEM)	☑ **Passed**
Supply voltage	☑ Passed
Internal voltages	☑ Passed
Linearity and reference voltage	☑ Passed
Offset of electrode measuring circuit	☑ Passed
Hold voltage feedback	☑ Passed
Shot voltage feedback	☑ Passed
Electronic current loss	☑ Passed
Coil circuit measurement	☑ Passed
Shot control circuit	☑ Passed
Electrode signal integrity	☑ Passed
System status	☑ **Passed**
I/O module	☑ **Passed**
Input/output 1	☑ Passed
Input/output 2	? Not done
Input/output 3	? Not done

Plant operator: OCWA

Device identification and verification identification

Serial number	SA25B919000
Device tag	FIT421
Verification ID	11

Heartbeat Technology

Test item with value	Unit	Actual	Min.	Max.	Visualization
Sensor					
Shot time symmetry deviation		1.0007	0.9000	1.1000	
Hold voltage symmetry deviation		1.0000	0.9000	1.1000	
Coil current loss deviation	%	0.0000	-10.0000	10.0000	
Coil current offset	%	0.01625	-0.1000	0.1000	
Coil current deviation	%	-0.01625	-0.1000	0.1000	
Coil resistance value	Ohm	67.5	50.0	240.0	
E1 electrode impedance	Ohm	425.88			
E2 electrode impedance	Ohm	423.30			
EPD electrode impedance	Ohm	434.49			
E1/E2 electrode impedance on E1	Ohm	431.03			
E1/E2 electrode impedance on E2	Ohm	427.48			
Sensor electronic module (ISEM)					
Supply voltage 30.0V	V	31.18	27.000	35.000	
Linearity and reference voltage 1		0.9993	0.9900	1.0100	
Linearity and reference voltage 2		0.9995	0.9900	1.0100	
Measuring point offset		3.3555	-100.0000	100.0000	
Hold voltage feedback value	%	2.19	-10.0	10.0	
Shot voltage feedback value	%	-0.48	-20.0	20.0	
Electronic current loss deviation	%	0.047	-10.0000	10.0000	
Coil circuit value	%	0.00	-1.0	1.0	
Shot control circuit value	%	-0.19	-10.0	10.0	
Electrode signal integrity deviation	%	-2.10	-40.0	40.0	

Test item with value	Unit	Actual	Min.	Max.	Visualization
I/O module					
Output 1 value 1	mA	16.2051	15.9555	16.4798	
Output 1 value 2		0.0000	0.0000	0.0000	
Output 2 value 1		0.0000	0.0000	0.0000	
Output 3 value 1		0.0000	0.0000	0.0000	

Plant operator: OCWA

Device identification and verification identification	
Serial number	SA25B919000
Device tag	FIT421
Verification ID	11

Heartbeat Technology

Test item with value	Unit	Actual
Process conditions		
Volume flow value verification	m^3/d	3436.810
Conductivity value verification	µS/cm	-nan
Electronic temperature	°C	29.8
Current difference potential	V	-0.01308
Current potential electrode 1	V	0.04290
Current potential electrode 2	V	0.05827
Current potential electrode Pipe GND	V	0.001509

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device information

Location	LINDSAY WWTP FIT-411
Device tag	Promag
Module name	K323-00
Nominal diameter	DN450 / 18"
Device name	Promag 400
Order code	5W4C4F-7MD6/0
Serial number	SC22A819000
Firmware version	02.01.01

Heartbeat Technology

Calibration

Calibration factor	1.1444
Zero point	3.0

Verification information

Operating time (counter)	1147d16h09m07s
Date/time (manually recorded)	15.12.25 11:17
Verification ID	5
Verification mode	Standard verification

Overall verification result*

☑ Passed	Details see next page

*Result of the complete device functionality test via Heartbeat Technology

Confirmation

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

Notes

Date | Operator's signature | Inspector's signature

Verification report Promag 400

Endress+Hauser
People for Process Automation

Plant operator: OCWA

Device identification and verification identification

Serial number	SC22A819000
Device tag	Promag
Verification ID	5

Heartbeat Technology

Sensor	☑ **Passed**
Shot time symmetry	☑ Passed
Hold voltage symmetry	☑ Passed
Coil current loss	☑ Passed
Coil current stability	☑ Passed
Coil resistance	☑ Passed
E1 electrode cable	☑ Passed
E2 electrode cable	☑ Passed
EPD electrode cable	☑ Passed
Sensor electronic module (ISEM)	☑ **Passed**
Supply voltage	☑ Passed
Internal voltages	☑ Passed
Linearity and reference voltage	☑ Passed
Offset of electrode measuring circuit	☑ Passed
Hold voltage feedback	☑ Passed
Shot voltage feedback	☑ Passed
Electronic current loss	☑ Passed
Coil circuit measurement	☑ Passed
Shot control circuit	☑ Passed
Electrode signal integrity	☑ Passed
System status	☑ **Passed**
I/O module	☑ **Passed**
Input/output 1	☑ Passed
Input/output 2	? Not done
Input/output 3	? Not done

Plant operator: OCWA

Device identification and verification identification

Serial number	SC22A819000
Device tag	Promag
Verification ID	5

Heartbeat Technology

Test item with value	Unit	Actual	Min.	Max.	Visualization
Sensor					
Shot time symmetry deviation		0.9992	0.9000	1.1000	
Hold voltage symmetry deviation		1.0000	0.9000	1.1000	
Coil current loss deviation	%	0.2291	-10.0000	10.0000	
Coil current offset	%	0.0000	-0.1000	0.1000	
Coil current deviation	%	0.0000	-0.1000	0.1000	
Coil resistance value	Ohm	134.2	50.0	240.0	
E1 electrode impedance	Ohm	405.79			
E2 electrode impedance	Ohm	386.02			
EPD electrode impedance	Ohm	420.41			
E1/E2 electrode impedance on E1	Ohm	396.37			
E1/E2 electrode impedance on E2	Ohm	377.52			
Sensor electronic module (ISEM)					
Supply voltage 30.0V	V	31.17	27.000	35.000	
Linearity and reference voltage 1		0.9996	0.9900	1.0100	
Linearity and reference voltage 2		0.9997	0.9900	1.0100	
Measuring point offset		2.8219	-100.0000	100.0000	
Hold voltage feedback value	%	0.61	-10.0	10.0	
Shot voltage feedback value	%	-0.78	-20.0	20.0	
Electronic current loss deviation	%	0.28	-10.0000	10.0000	
Coil circuit value	%	0.055	-1.0	1.0	
Shot control circuit value	%	-0.077	-10.0	10.0	
Electrode signal integrity deviation	%	0.59	-40.0	40.0	

Test item with value	Unit	Actual	Min.	Max.	Visualization
I/O module					
Output 1 value 1	mA	6.2977	6.1333	6.4592	
Output 1 value 2		0.0000	0.0000	0.0000	
Output 2 value 1		0.0000	0.0000	0.0000	
Output 3 value 1		0.0000	0.0000	0.0000	

Plant operator: OCWA

Device identification and verification identification

Serial number	SC22A819000
Device tag	Promag
Verification ID	5

Heartbeat Technology

Test item with value	Unit	Actual
Process conditions		
Volume flow value verification	m^3/d	2297.617
Conductivity value verification	µS/cm	-nan
Electronic temperature	°F	84.2
Current difference potential	V	-0.01089
Current potential electrode 1	V	0.2124
Current potential electrode 2	V	0.2261
Current potential electrode Pipe GND	V	-0.0002663

SIEMENS MAGFLO® Verification Certificate

Customer:

Name	OCWA Kawartha
Address	Lindsay St North Leachate
Phone	
Email	

MAGFLO® Identification:

TAG No./Name	0
Sensor Code No.	7ME631
Sensor Serial No.	671540H193
Converter Code No.	7ME691
Converter Serial No.	N1E2208822
Location	Lindsay S N Leachate

Results:

Verification file name or No.		Lindsay St N L
Converter		Passed
Sensor	Insulation	Passed
	Magnetic Circuit	Passed

Velocity	Current Output			Frequency Output		
Theoretical	Theoretical	Actual	Deviation	Theoretical	Actual	Deviation
0.5m/s	4.800mA	4.806mA	0.73%	0.500kHz	0.501kHz	0.26%
1.0m/s	5.600mA	5.602mA	0.10%	1.000kHz	0.999kHz	-0.10%
3.0m/s	8.800mA	8.807mA	0.15%	3.000kHz	3.003kHz	0.12%

Current Output 4-20mA Frequency Output 0-10kHz

Converter Settings:

Basic

Qmax.	6.2 l/s
Flow Direction	Positive
Low flow Cut-off	1.50%
Empty Pipe	OFF

Output

Current Output	ON (4-20mA)
Time Constant	5.0 Sec.
Relay Output	Error Level
Digital Output	Pulse
Frequency Range	N/A
Time Constant	N/A
Volume/pulse	0.99999953 US G/p
Pulse width	0.066 sec.
Pulse polarity	Positiv

Totalizer 1 value before test	118359.609375 m³
Totalizer 1 value after test	118359.6328125 m³
Totalizer 2 value before test	10753.10351563 m³
Totalizer 2 value after test	10753.10351563 m³

Sensor Details:

Size	DN 100 4 IN
Cal. Factor	7.6739769
Correction Factor	1.0
Excitation Freq.	7.5Hz

Verificator Details (083F5060)

Serial No.	000811N218
Device No.	91739
Software Version	1.40
PC-Software Version	4.02
Cal. date	2025.10.29
ReCal. date	2026.10.29

Comments

These tests verify that the flowmeter is functioning within 2% deviation of the original test parameters.

Verification is traceable to National and International Standards.

Date and signature

2025.12.15 M Manley

VeriMaster - Flow Meter Verification Report

Customer Information	
Customer	OCWA
Verification Download	Mon, Dec 15, 2025

Meter Information	
Meter Owner	Lindsay St N SPS
Meter Type	WaterMaster
Sensor Size	DN300
Pipe Status	Fluid Present
Sensor Type	Fullbore
Sensor Serial No	3K620000175045
Transmitter Serial No	3K620000175045
Tag	ABB Warminster
Location	?

Overall Status: Pass

The flowmeter has passed its internal continuous verification and automatic self calibration. It is working within +/ -1% of its original factory calibration

Summary of Results	
Coil Group	Passed
Electrode Group	Passed
Sensor Group	Passed
Transmitter Signal	Passed
Transmitter Driver	Passed
Output Group	Passed
Configuration	Passed

Verification History	
OIML Accuracy Alarms	0

Totaliser Information	
Forward	11050552.78 m3
Reverse	330341.39 m3
Net	10720211.39 m3

Sensor Information	
Q3	694.44 l/s
Calibration Accuracy	OIML Class 2
Sensor Calibration Factors	150.5%; 0.00 mm/s; 11
Date of Manufacture	2014 Sept 17
Run Hours	3917days 12hrs 25mins

Sensor Data	
Coil Current	179.9 mA
Coil Inductance	279.5 mH
Coil Inductance Shift	-0.0%
Coil / Loop Resistance	36.3 ohm

Transmitter Information	
Application Version	V01.05.00 12/07/12
MSP Version	00.00.04
Date of Manufacture	2014 Sept 17
Run Hours	5239days 16hrs 32mins

Transmitter Data	
Tx Gain - Adjustment	0.1%

VeriMaster Information	
Version	01.00.03
Limit Version	01.00.01

Current Output	
4mA Value	Pass : 4.000 mA ; 0.00%
12mA Value	Pass : 11.984 mA ; 0.13%
20mA Value	Pass : 20.000 mA ; 0.00%

Pulse Output	
Output 1: 1200.0Hz	Not tested
Output 1: 600.0Hz	Not tested
Output 2: 1200.0Hz	Not tested
Output 2: 600.0Hz	Not tested

Installation Comments / Equipment used:

Pass FIT 102

Configuration Settings	
Mains Frequency	60 Hz
Qmax	400.00 l/s
Pulses/Unit	10.000000
Pulses Limit Frequency	1200.0 Hz
Sensor User Span/Zero	100.0%; 0.00 mm/s
User Flow Cutoff/Hysterisis	1.00%; 20%
Meter Mode	Normal operation

Date Mon, Dec 15, 2025 Operator Signature Print

ABB Instrumentation World Flow Technology

ABB Limited
Oldends Lane, Stonehouse
Gloucestershire, GL10 3TA UK
Tel: +44(0) 1453 826661
Fax: +44(0) 1453 821121
instrumentation@gb.abb.com

ABB Automation Inc.
125 East County Line Road
Warminster, PA 18974 USA
Tel: +1 215 674 6000
Fax: +1 215 674 6394
instrumentation@gb.abb.com

ABB Australia Pty Ltd.
Bapaune Rd
Moorebank, NSW 2170
Tel: +61-2-982 1-0111
Fax: +61-2-9821-0950

ABB Automation GmbH
Dransfelder Str.2
37079 Gottingen, GERMANY
Tel: +49 (0) 551 905212
Fax: +1 (215) 674 6394

Flowmeter Verification Certificate Transmitter

OCWA K	Lindsay WW
Customer	Plant
Jennings	--------
Order code	Tag Name
PROMAG 10 W DN350	1.0729 - 1.0729
Device type	K-Factor
F809B216000	0
Serial number	Zero point
V1.03.00	
Software Version Transmitter	Software Version I/O-Module
12/16/2025	10:25
Verification date	Verification time

Verification result Transmitter: Failed

Test item	Result	Applied Limits
Amplifier	Passed	Basis: 0.65 %
Current Output 1	Passed	0.05 mA
Pulse Output 1	Not tested	0 P
Test Sensor	Failed	

FieldCheck Details	**Simubox Details**
550149	
Production number	Production number
1.07.10	1.00.01
Software Version	Software Version
03/2025	03/2025
Last Calibration Date	Last Calibration Date

Date

Operator's Sign

Inspector's Sign

FieldCheck - Result Tab Transmitter

Customer	**OCWA K**	Plant	**Lindsay WW**
Order code	**Jennings**	Tag Name	**--------**
Device type	**PROMAG 10 W DN350**	K-Factor	**1.0729 - 1.0729**
Serial number	**F809B216000**	Zero point	**0**
Software Version Transmitter	**V1.03.00**	Software Version I/O-Module	
Verification date	**12/16/2025**	Verification time	**10:25**

Verification Flow end value (100 %): 384.845 l/s
Flow speed 4.00 m/s

Passed / Failed	Test item	Simul. Signal	Limit Value	Deviation
	Test Transmitter			
✓	Amplifier	19.242 l/s (5%)	1.60 %	-0.68 %
✓		38.485 l/s (10.0%)	1.10 %	-0.41 %
✓		192.424 l/s (50.0%)	0.70 %	0.06 %
✓		384.846 l/s (100%)	0.65 %	-0.02 %
✓	Current Output 1	4.000 mA (0%)	0.05 mA	0.009 mA
✓		4.800 mA (5%)	0.05 mA	0.002 mA
✓		5.600 mA (10.0%)	0.05 mA	0.004 mA
✓		12.000 mA (50.0%)	0.05 mA	0.018 mA
✓		20.000 mA (100%)	0.05 mA	0.046 mA
–	Pulse Output 1	---	---	---
		Start value	**Limits range**	**Measured value**
	Test Sensor			
✓	Coil Curr. Rise	100.001 ms	23.340..100.001 ms	59.557 ms
✗	Coil Curr. Stability		---	**---**

Legend of symbols

✓	✗	–	?	!
Passed	Failed	not tested	not testable	Attention

FieldCheck: Parameters Transmitter

Customer	**OCWA K**	Plant	**Lindsay WW**
Order code	**Jennings**	Tag Name	**--------**
Device type	**PROMAG 10 W DN350**	K-Factor	**1.0729 - 1.0729**
Serial number	**F809B216000**	Zero point	**0**
Software Version Transmitter	**V1.03.00**	Software Version I/O-Module	
Verification date	**12/16/2025**	Verification time	**10:25**

Curent Output	**Assign**	**Current Range**	**Value 0_4mA**	**Value 20 mA**		
Terminal 26/27	VOLUME FLOW	4-20 mA active	0.0 l/s	300.01 l/s		
Pulse Output	**Assign**	**Pulse Value**	**Output signal**	**Pulse width**		
Terminal 24/25	VOLUME FLOW	0.114 m3/P	Passive/Positive	100.01 ms		

Actual System Ident. 107.0

MASSTEC WEIGHING SYSTEMS

887 Highway #7 Peterborough, ON K9J 6X7 | phone: (705) 745-2488 | toll-free: 1-800-363-9007
www.masstec.ca

VEHICLE SCALE TEST REPORT (QF-11.3)

Wednesday, June 4, 2025

Customer:
City of Kawartha Lakes
Inbound scale

Address: 51 Wilson rd
City: Lindsay
Postal Code: K9V 4R3

Province: Ontario
Phone: 705-324-9411

Make of Scale: Active	Model No: CMD-1080-1-100-FD2	Serial No: 033024	Scale Capacity: 70,000kg	Graduation Size: 10kg
Make of Indicator: Rice Lake	Model No: 820	Serial No: 006095	Pounds	Kilograms x

SECTION TESTING (Test 1)

A shift test in which the test load is applied over individual sections of the scale.

1st LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
AS FOUND	20180	20260	20230	20190	20270
2ND LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
AS LEFT	20250	20250	20250	20250	20250

Scale house/Indicator (Reference to Platform)

LOAD TESTING (Test 2)

Normal basic performances in which observations are made as increments of test load are successively added to the load receiving elements of the scale.

	TEST LOAD (KG)	AS FOUND SCALE INDICATION	AS LEFT SCALE INDICATION
0 Load	0	0	0
	2000	2000	2000
	4000	4010	4000
	6000	6010	6000
	8000	8010	8000
MAX	10000	10020	10000
	8000	8010	8000
	6000	6010	6000
	4000	4010	4000
	2000	2000	2000
0 Load	0	0	0

MASSTEC WEIGHING SYSTEMS

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www.masstec.ca

STRAIN-LOAD (Test 3)

Indicated weight of empty vehicle	Known standards	Total weight indicated
10250 kg	Plus 10,000 kg	20250 kg

DESCRIPTION OF REPAIR AND ADJUSTMENTS

Adjusted sections. Calibrated zero and span at 10 000 kg known standards.

WEIGHT IDENTIFICATION NUMBERS:	**M1-20**
Measurement Canada Certificate #:	**1423482**

Calibration Date: June 4, 2025

Next Calibration Date: December 4, 2025

INSPECTION AND TESTS PERFORMED BY: Brent Cole/Lee Alton

APPROVED APPROVED

Scale is accurate and approved for use by:

MASSTEC
WEIGHING SYSTEMS

MASSTEC WEIGHING SYSTEMS

887 Highway #7 Peterborough, ON K9J 6X7 | phone: (705) 745-2488 | toll-free: 1-800-363-9007
www.masstec.ca

VEHICLE SCALE TEST REPORT (QF-11.3)

Wednesday, June 4, 2025

Customer:
City of Kawartha Lakes
Outbound Scale

Address: 51 Wilson Rd
City: Lindsay
Postal Code: K9V 4R3

Province: Ontario
Phone: 705-324-9411

Make of Scale:	**Model No:**	**Serial No:**	**Scale Capacity:**	**Graduation Size:**
Active	CMD-1080-1-100-FD2	033025	70,000 kg	10 kg
Make of Indicator:	**Model No:**	**Serial No:**	**Pounds**	**Kilograms**
Rice Lake	680 Synergy Plus	1963200145		x

SECTION TESTING (Test 1)

A shift test in which the test load is applied over individual sections of the scale.

1st LOAD	**SECTION 1**	**SECTION 2**	**SECTION 3**	**SECTION 4**	**SECTION 5**
AS FOUND	**20250**	**20250**	**20250**	**20250**	**20250**
2ND LOAD	**SECTION 1**	**SECTION 2**	**SECTION 3**	**SECTION 4**	**SECTION 5**
AS LEFT	**20250**	**20250**	**20250**	**20250**	**20250**

Scale house/Indicator (Reference to Platform)

LOAD TESTING (Test 2)

Normal basic performances in which observations are made as increments of test load are successively added to the load receiving elements of the scale.

	TEST LOAD (KG)	**AS FOUND SCALE INDICATION**	**AS LEFT SCALE INDICATION**
0 Load	**0**	**0**	**0**
	2000	**2000**	**2000**
	4000	**4000**	**4000**
	6000	**6000**	**6000**
	8000	**8000**	**8000**
MAX	**10000**	**10000**	**10000**
	8000	**8000**	**8000**
	6000	**6000**	**6000**
	4000	**4000**	**4000**
	2000	**10000**	**2000**
0 Load	**0**	**0**	**0**

MASSTEC WEIGHING SYSTEMS

887 Highway #7 Peterborough, ON K9J 6X7 | phone: (705) 745-2488 | toll-free: 1-800-363-9007
www.masstec.ca

STRAIN-LOAD (Test 3)

Indicated weight of empty vehicle	Known standards	Total weight indicated.
10250 kg	**Plus 10,000 kg**	**20250** kg

DESCRIPTION OF REPAIR AND ADJUSTMENTS

No adjustments required.

WEIGHT IDENTIFICATION NUMBERS:	**M1-20**
Measurement Canada Certificate #:	**1423482**

Calibration Date: June 4, 2025

Next Calibration Date: December 4, 2025

INSPECTION AND TESTS PERFORMED BY: Brent Cole/Lee Alton

APPROVED APPROVED

Scale is accurate and approved for use by:

MASSTEC
WEIGHING SYSTEMS

MASSTEC WEIGHING SYSTEMS

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www.masstec.ca

VEHICLE SCALE TEST REPORT (QF-11.3)

Wednesday, December 10, 2025

Customer:
City of Kawartha Lakes
Inbound scale

Address: 51 Wilson rd
City: Lindsay
Postal Code: K9V 4R3

Province: Ontario
Phone: 705-324-9411

Make of Scale: Active	Model No: CMD-1080-1-100-FD2	Serial No: 033024	Scale Capacity: 70,000kg	Graduation Size: 10kg
Make of Indicator: Rice Lake	Model No: 820	Serial No: 006095	Pounds	Kilograms x

SECTION TESTING (Test 1)

A shift test in which the test load is applied over individual sections of the scale.

1st LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
AS FOUND	20350	20350	20350	20350	20350
2ND LOAD	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
AS LEFT	20350	20350	20350	20350	20350

Scale house/Indicator (Reference to Platform)

LOAD TESTING (Test 2)

Normal basic performances in which observations are made as increments of test load are successively added to the load receiving elements of the scale.

	TEST LOAD (KG)	AS FOUND SCALE INDICATION	AS LEFT SCALE INDICATION
0 Load	0	0	0
	2000	2000	2000
	4000	4010	4000
	6000	6000	6000
	8000	8000	8000
MAX	10000	10000	10000
	8000	8000	8000
	6000	6000	6000
	4000	4000	4000
	2000	2000	2000
0 Load	0	0	0

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www.masstec.ca

STRAIN-LOAD (Test 3)

Indicated weight of empty vehicle	Known standards	Total weight indicated
10350 kg	Plus 10,000 kg	20350 kg

DESCRIPTION OF REPAIR AND ADJUSTMENTS

No adjustments required.

WEIGHT IDENTIFICATION NUMBERS: M1-20
Measurement Canada Certificate: 1423464

Calibration Date: December 10, 2025

Next Calibration Date: June 10, 2026

INSPECTION AND TESTS PERFORMED BY: Brent Cole/Lee Alton

Scale is accurate and approved for use by:

MASSTEC
WEIGHING SYSTEMS

MASSTEC WEIGHING SYSTEMS

887 Highway #7 Peterborough, ON K9J 6X7 | phone: (705) 745-2488 | toll-free: 1-800-363-9007
www.masstec.ca

VEHICLE SCALE TEST REPORT (QF-11.3)

Wednesday, December 10, 2025

Customer:
City of Kawartha Lakes
Outbound Scale

Address: 51 Wilson Rd
City: Lindsay
Postal Code: K9V 4R3

Province: Ontario
Phone: 705-324-9411

Make of Scale:	**Model No:**	**Serial No:**	**Scale Capacity:**	**Graduation Size:**
Active	CMD-1080-1-100-FD2	033025	70,000 kg	10 kg
Make of Indicator:	**Model No:**	**Serial No:**	**Pounds**	**Kilograms**
Rice Lake	680 Synergy Plus	1963200145		x

SECTION TESTING (Test 1)

A shift test in which the test load is applied over individual sections of the scale.

1st LOAD	**SECTION 1**	**SECTION 2**	**SECTION 3**	**SECTION 4**	**SECTION 5**
AS FOUND	**20350**	**20350**	**20350**	**20350**	**20350**
2ND LOAD	**SECTION 1**	**SECTION 2**	**SECTION 3**	**SECTION 4**	**SECTION 5**
AS LEFT	**20350**	**20350**	**20350**	**20350**	**20350**

Scale house/Indicator (Reference to Platform)

LOAD TESTING (Test 2)

Normal basic performances in which observations are made as increments of test load are successively added to the load receiving elements of the scale.

	TEST LOAD (KG)	**AS FOUND SCALE INDICATION**	**AS LEFT SCALE INDICATION**
0 Load	**0**	**0**	**0**
	2000	**2000**	**2000**
	4000	**4000**	**4000**
	6000	**6000**	**6000**
	8000	**8000**	**8000**
MAX	**10000**	**10000**	**10000**
	8000	**8000**	**8000**
	6000	**6000**	**6000**
	4000	**4000**	**4000**
	2000	**10000**	**2000**
0 Load	**0**	**0**	**0**

MASSTEC WEIGHING SYSTEMS

887 Highway #7 Peterborough, ON K9J 6X7 | phone: (705) 745-2488 | toll-free: 1-800-363-9007
www.masstec.ca

STRAIN-LOAD (Test 3)

Indicated weight of empty vehicle	Known standards	Total weight indicated.
10350 kg	**Plus 10,000 kg**	**20350** kg

DESCRIPTION OF REPAIR AND ADJUSTMENTS

No adjustments required.

WEIGHT IDENTIFICATION NUMBERS:	**M1-20**
Measurement Canada Certificate #:	**1423464**

Calibration Date: December 10, 2025

Next Calibration Date: June 10, 2026

INSPECTION AND TESTS PERFORMED BY: Brent Cole/Lee Alton

Scale is accurate and approved for use by:

MASSTEC
WEIGHING SYSTEMS

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix V:
Bypass, Overflows, Spill, Abnormal Events

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

48 Lagoon Rd
Lindsay, ON K9V 4R3

Tel: 705-738-9734
www.ocwa.com

David Bradley
District Manager
Peterborough District Office
Ministry of the Environment, Conservation and Parks
300 Water Street, 2nd Floor, South Tower
Peterborough, ON
K9J 3C7

April 23, 2025

Dear Mr. Bradley:

Re: Lindsay WWTP 2025 Q1 Bypass Event and Overflow Event Summary Report

Amended Environmental Compliance Approval #1696-BPLL4R sections 4(6) and 5(6) issued June 29, 2020 for the Lindsay WWTP requires a Bypass Event and Overflow Event summary report be submitted to the District Manager on a quarterly basis, no later than February 15, May 15, August 15, and November 15 each calendar year.

There were no incidents of Bypass or Overflow Events at the Lindsay WWTP during the first quarter of 2025 (January, February, and March).

Please contact me if you have any questions or comments.

Best regards,

Katie Campbell
Process & Compliance Technician
Ontario Clean Water Agency
Kawartha Hub
(705) 934-0026

CC: Brent Martin, OCWA - Operations Manager
Allison McCann, OCWA - SPC Manager
Lynette Nicholson, OCWA – General Manager
Karen Lorente, OCWA - Regional Hub Manager
Amber Hayter, Kawartha Lakes – Manager, Water & Wastewater
Michelle Flaherty, Kawartha Lakes – Contract Coordinator
Brad Jackson, MECP – Water Supervisor
Kayla Trofimczuk, MECP – Water Compliance Officer

Kawartha Lakes	Form	RC F2
	March 5, 2024	Revision: 8
	Approved By: QMS Representative/QMS Designate	
Spill/Bypass Checklist and Report		Page 1 of 4

General Spill Information

Date: March 17, 2025

Event Start Time: 07:15am

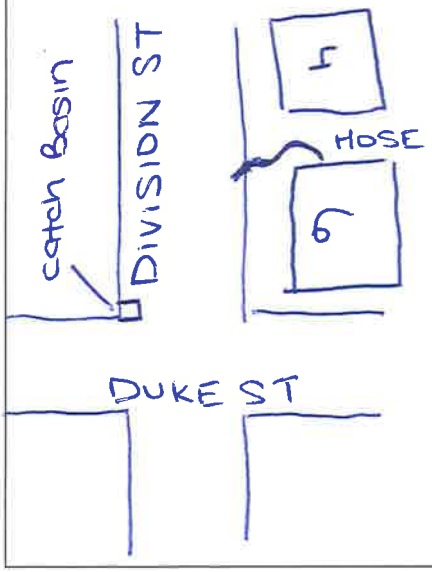
Event Finish Time: 12:00pm

Amount Spilled (approx.): _____ Units: _____

Cause: Sewer Backup

Location: 6 Division Street

Location Sketch (if applicable)



Details:

Noticed during sewer backup that ~~hose~~ hose was running water from basement of home. Once sewer backup cleared hose also stopped running water. Notified DRO.

Take measures to stop/prevent/reduce ALL safety hazards/property damage/pollution.

CALL FOR HELP with samples, reporting, location/treatment checks, records, etc.

Spill Reporting Checklist

☑ **Call MOH** Daytime: ~~705-324-3560~~ 1-866-888-4577 After Hours: 1-888-255-7839 VM LEFT (9) 12:36pm VM LEFT (9) 1:22pm

Person Contacted: ~~DID NOT CONTACT~~ Emmeline Topping
Time: 1:32pm

☑ **Call MECP Spills Action Centre (SAC)** 1-800-268-6060

Person Contacted: Justin
Time: 10:03am

Report #: 1-J30IIM

☑ **Call Applicable Supervisor,ORO** ☑ T. Farr 705-879-7160 ☐ Nathan Braund 705-340-3255

Time: _____

☐ **Call Management** ☐ Manager - A. Hayter 705-879-7189

Time: _____

☐ **Call Hauler**

Company Contacted: _____
Time: _____

☑ **Call Sanitary Sewer Flusher** (If required for CCTV and Flushing)

Company Contacted: GFL
Time: 9:19pm

Take measures to stop/prevent/reduce ALL safety hazards/property damage/pollution.

CALL FOR HELP with samples, reporting, location/treatment checks, records, etc.

☐ **Call OCWA** Daytime: 705-738-9734 After Hours: 1-888-695-1663

Person Contacted: DID NOT CONTACT
Time: _____

Details: (i.e. directions provided by MECP SAC or MOH)

- Directed from SAC to have catch basin cleaned out by VAC. We did so and sprayed catch basin down.

Sanitary Sewer Flushing Contacts – please see QMS E13 Ap D Essential Suppliers and Contractors List for contact information. Please follow the City Procurement and Vendor Management Process when hiring contractors and suppliers.

Septic Haulers Contact List – please see QMS E13 Ap D Essential Suppliers and Contracted List for contact information. Please follow the City Procurement and Vendor Management Process when hiring contractors and suppliers.

Sample Checklist

Note: Record date/time/location/sample collector on all bottles and refrigerate all samples.

☐ At least two (2) PET bottles (500 mL) for BOD, TSS, TP – for each location sampled
☐ At least one (1) Bacti bottle for *E. coli* – for each location sampled

Details:

Spill/Bypass Report

- once catch basin was cleaned out called back Justin with SAC who said they would close report

Signature: [signature]

Date: March 18, 2025

Take measures to stop/prevent/reduce ALL safety hazards/property damage/pollution.

CALL FOR HELP with samples, reporting, location/treatment checks, records, etc.

wo/83758

WORK ORDER

Service Location / Consignor	Invoice Location		
Bowmanville ER - 50 Division St Site#: 000716880 50 Division St Lindsay, ON K9V 1V8 Tel: 705-879-6432 Fax: Attn: Stephanie .. Email: T: 705-879-6432	GFL ENVIRONMENTAL SERVICES INC. (235-BOWMANVILLE-INTERCO) Acct #:LX000241 322 Bennett Rd, P.O. Box 458 Clarington, ON L1Z 3Z2 Tel: 905-623-1367 Fax: 905-623-5494 Attn: Dan Myles Email: dmyles@gflenv.com T: (905) 623-1367	Work Order Number:	W3334161 (1 of 1)
		Reference Number:	
		Scheduled Date (mm/dd/yyyy):	03/17/2025
		Project #:	
		Leaving Yard:	6145
		Arriving At Yard:	

Service Date	Week	Purchase Order	TSR	Driver	Std. Zone	Route	Payment Method	BU #	Payment Terms	Truck	Trailer	Time In	Time Out
03/17/2025			House General - Bradford	Derry McEwen	ON3		Cheque	223	Net 30 Days	112017		7:30	10:00

#	Ordered	Part	EC	Service Description	Customer Description	TDG Ref	Prov. ID	Srvc	Serial	Supply of	Vol. Removed	Billed Qty	Unt of	Price per	Subtotal of
9296200		2696		Flusher truck	Flusher Combo Truck with Operator and Technician	N/A	N/R	0					Hour		
9296201		2696		Flusher truck	Flusher Combo Truck with Operator and Technician (OT)	N/A	N/R	0					Hour		

Good	Poor	Parts Washer Condition/Operation	Good	Poor	Brake Cleaner Condition/Operation	Good	Poor	Spray Gun Condition/Operation	Sub-Total	
		Machine cleanliness & condition			Machine cleanliness & condition			Machine cleanliness & condition		
		Light assembly working and operating			Lid assembly working and operating			Lid assembly working and operating		
		Electrical wire no frays & ground intact			Wheels working and not sticking			Drain tub connecting correctly		
Yes	No		Yes	No		Yes	No			
		Spigot/hose/brush working correctly			No air leaks present			No air leaks present & WHMIS labels legible		
		WHMIS labels legible			Air blower operating correctly			Fume extraction working properly (if applicable)		
		Closure/fusible link operating correctly			Flow through hose operating correctly			Automatic wash cycle operating correctly		
		Paint in good condition			WHMIS labels legible			Clean wash cycle operating correctly		

Carrier Information: Carrier No: A841293 Carrier: GFL Utilities Inc. 1070 Toy Avenue, Pickering, ON, L1W 3P1, 800-541-2527

Generator No:		Reg. 347 Exempt No:		Manifest Reft1:		Manifest Reft2:	

Transportation of Dangerous Goods Information:

TDG Ref	Prov. ID	DG	UN Number	Shipping Name	Class (Sub Class)	Packing Group	Qty	UOM	Packaging NO.	Packaging Code	Physical State

Receiver Information: Receiver No : 2297-A7TRMD Receiver : GFL Environmental Services Inc. (Britton Ct.) 40 Britton Court, Bowmanville, ON, L1C 4P8, 24-Hour-No : 1-877-898-7222

GFL GREEN FOR LIFE environmental

Comments/Notes

Clear blockage
Stephanie Selly 705-879-6432

CLEAR BLOCKAGE, CLEAN LINE

NO UACUM

Customer/Consignor Certification

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, are properly classified and packaged, have dangerous goods safety marks properly affixed or displayed on them, and are in all respects in proper condition for transport according to the Transportation of Dangerous Goods Regulations. Services described in this Work order are provided subject to the terms and conditions set out on the reverse side.

Customer/Consignor Representative (Please Print)	Customer/Consignor Representative (Please Sign)
Stephanie Selly	

STANDARD TERMS AND CONDITIONS

THESE STANDARD TERMS AND CONDITIONS FORM A PART OF THE AGREEMENT BY AND BETWEEN GFL ENVIRONMENTAL INC., INCLUDING ANY SUBSIDIARIES (COLLECTIVELY "GFL") AND CUSTOMER NAMED ON THE WORK ORDER ("CUSTOMER") TO WHICH THESE STANDARD TERMS AND CONDITIONS ARE ATTACHED (THE "AGREEMENT").

CUSTOMER and GFL AGREE AS FOLLOWS:

1.0. DEFINITIONS

(a) **"Contaminants"** means any quantity of PCB, herbicides, pesticides, dioxins, explosives, radioactive or bio-medical material or any other substance, the handling, treatment, transportation or storage of which is regulated by applicable Regulations.

(b) **"Equipment"** means all equipment supplied by GFL as described in the Work Order.

(c) **"Facility"** means a GFL facility or a third-party disposal facility as indicated on the Work Order which is designated and permitted under applicable Regulations to receive and dispose of Waste.

(d) **"Non-Conforming Waste"** means any materials or substances, the description of which does not conform to the description(s) (including any manifests) and/or samples thereof provided to GFL by CUSTOMER.

(e) **"Regulation(s)"** means all statutes, laws, rules, orders and regulations in effect from time to time by any government or governmental board or agency having jurisdiction over any aspect of the subject matter of this Agreement.

(f) **"Services"** includes, as applicable, as described in a Work Order: (i) handling, storing, treating, collecting, transporting, recycling or disposal of Waste; (ii) supply, rental, leasing or sale of Equipment; (iii) supply of products; and (iv) supply of professional services.

(g) **"Term"** means the term of this Agreement as described in the Work Order and includes any renewal term thereof pursuant to Section 3.1 of these Terms and Conditions.

(h) **"UMO"** means used motor oil.

(i) **"Waste"** means only those materials or substances that conform to the description(s) thereof (including any manifests) and samples, if applicable, provided to GFL by CUSTOMER but does not include any Non-Conforming Waste.

(j) **"Work Order"** means the form to which these Terms and Conditions are attached and form a part of, which set out the Services to be provided and where applicable, the fees payable for such Services.

2.0. PRICING AND PAYMENT

(a) The fees and charges payable by CUSTOMER for the Services are as set out in the Work Order, or as invoiced by GFL to CUSTOMER. CUSTOMER acknowledges that fees and charges set out in the Work Order do not include charges for Non-Conforming Waste.

(b) Unless otherwise specified, invoices may be submitted by GFL at any time after completion of the Services.

(c) Payment is due upon receipt of invoice. Interest will accrue on all amounts remaining unpaid thirty (30) days after the invoice date at the rate of 2% per month (24% per annum) until paid. GFL reserves the right to suspend all Services until any past due balance is paid in full but such suspension of Services will not constitute termination of this Agreement.

(d) Where CUSTOMER fails to pay for the Services within thirty (30) days of invoice date, GFL reserves the right to return to CUSTOMER any material or substance collected from CUSTOMER, including Non-Conforming Waste, and CUSTOMER agrees to accept such return, where permitted by applicable Regulations.

(e) GFL may increase fees and charges as set out in the Work Order annually by giving CUSTOMER thirty (30) days' written notice prior to the effective date of such increase.

(f) When warranted by increased fuel prices, GFL may, in its sole discretion, charge a reasonable fuel surcharge in addition to the amounts charged for Services and CUSTOMER agrees to pay such charges.

(g) Fluctuations in the market price of WTI Crude of + or - 25% in any calendar quarter during the Term will result in a corresponding change in the price paid/charged to CUSTOMER for UMO. GFL will provide CUSTOMER with thirty (30) days advance notice of change in the UMO price. If CUSTOMER objects to such change, it may terminate UMO services only by giving GFL written notice within ten (10) days of CUSTOMER's receipt of the notice of UMO price change. If no notice of termination is given by CUSTOMER within such period, the price for UMO will be changed in accordance with such notice of UMO price change and all other terms of this Agreement will remain in effect.

(h) An additional per liter processing fee will apply where the water content of UMO collected from CUSTOMER exceeds 5%.

(i) Fees associated with carbon taxes/or levies will apply, including direct and indirect fees charged by any government or governmental board or agency having jurisdiction over any aspect of the subject matter of this Agreement and will be invoiced to CUSTOMER in addition to fees and charges set out in the Work Order.

(j) GFL may increase amounts charged for its Services at any time during the Term on notice in writing to CUSTOMER if Regulations impose additional taxes, tariffs, fees, surcharges or other charges in respect of any Services provided and CUSTOMER agrees to pay such charges as invoiced.

(k) Maximum allowable transport weight for Waste in 205 litre drums is 240 kilograms. Drums exceeding this allowable weight will be repacked into additional drums and/or containers at a cost to be invoiced to CUSTOMER in addition to fees and charges set out in the Work Order.

3.0. TERM AND TERMINATION

3.1. Term. The Term shall automatically renew for the same period of time as the initial term set out in the Work Order and will continue to renew at the expiration of each subsequent term unless CUSTOMER gives GFL written notice at least sixty (60) days prior to the expiration of the then expiring Term.

3.2 Termination

(a) CUSTOMER may terminate this Agreement prior to the expiry of the Term by providing not less than thirty (30) days' prior written notice to GFL if: (i) GFL is in breach of any term of this Agreement and fails to remedy such breach within ten (10) days of written notice by CUSTOMER to GFL; (ii) CUSTOMER receives a notice of an annual increase to fees pursuant to Section 2.0(e) which CUSTOMER does not accept.

(b) GFL may terminate this Agreement prior to the expiry of the Term by providing not less than thirty (30) days' prior written notice to CUSTOMER if there occurs any change in Regulations which materially impacts GFL's ability to perform the Services. GFL may also terminate this Agreement prior to the expiry of the Term, if: (i) CUSTOMER fails to make payment to GFL as required herein and such non-payment continues for more ten (10) days after the due date, or (ii) CUSTOMER is in breach of any term of this Agreement and fails to remedy such breach within ten (10) days of written notice by GFL to CUSTOMER.

(c) Either party may terminate this Agreement immediately in any of the following circumstances: (i) the other party submits or files a petition of bankruptcy or is declared bankrupt or starts proceeding of arrangement or settlement in relation to bankruptcy, (ii) the other party applies to a court for the appointment of an administrator in relation to it, (iii) the other party submits a petition for winding up except in the case of a bona fide intra-group re-organization, or (iv) the other party ceases to or threatens to cease to carry on its business or a substantial part thereof. The defaulting party shall promptly inform the non-defaulting party by written notification upon the occurrence of any of the above listed events.

(d) CUSTOMER agrees that, notwithstanding termination of this Agreement, it will grant GFL and its employees access to the CUSTOMER site for such period of time as GFL may reasonably require following such termination to demobilize and remove all of its Equipment and CUSTOMER agrees to provide such access provided that GFL such access shall be at mutually agreeable times and that GFL employees abides by reasonable rules and regulations of CUSTOMER site.

4.0 EQUIPMENT AND SUPPLIES

(a) Where Services include the supply of Equipment, CUSTOMER agrees that: (i) all servicing, repair and maintenance of Equipment will be performed only by GFL, (ii) all Equipment will remain the sole and exclusive property of GFL and will, upon termination of this Agreement, be returned to GFL in substantially the same state of repair as at the time of its delivery to CUSTOMER (reasonable wear and tear and damage by GFL excluded), (iii) it will use the Equipment only for the purpose(s) for which it is supplied and in accordance with its labelling and packaging, and (iv) it will pay for replacement of the Equipment due to loss or damage while in the custody and control of CUSTOMER, other than from GFL's handling thereof. Without limiting the generality of the foregoing, CUSTOMER shall not introduce any Contaminant into the Equipment except as expressly described in the Work Order.

(b) Where Services including the provision of parts cleaner, or fluid recovery service to CUSTOMER, any solutions and solvents, including aqueous cleaning solution, fluid or other non-hazardous waste ("Non-Regulated Waste") provided by GFL will not be mixed, combined or otherwise blended in any quantity with any material that would render the Non-regulated Waste hazardous under applicable Regulations. CUSTOMER shall not place parts or paint guns that have been contaminated with, or otherwise introduce Contaminants into any solvent or solution provided by GFL, except as disclosed in writing to GFL. If CUSTOMER disposes of any GFL supplied solutions or solvents other than by return to GFL, title thereto will pass to CUSTOMER at the time of such disposal and GFL will have no responsibility for such disposal.

5.0. CONDITIONS OF SERVICE

5.1. General Conditions

(a) Where required by application Regulation, CUSTOMER shall provide GFL with a generator number prior to GFL providing those Services to CUSTOMER for which a generator number is required.

(b) Title to the Waste, but not title to any Non-Conforming Waste, together with all responsibility and liability in connection therewith, shall pass to GFL upon loading of the Waste onto GFL's transport equipment or, in the event CUSTOMER delivers the Waste to a Facility, when the Waste is accepted and off-loaded at the Facility. Title to Non-conforming Waste shall not, at any time, pass to GFL.

(c) CUSTOMER agrees that it shall ensure a safe and suitable work site for GFL, its equipment, employees and sub-contractors. CUSTOMER hereby grants GFL the irrevocable right to access CUSTOMER's site at all reasonable times in order to provide Services, provided that GFL employees will comply with CUSTOMER's reasonable rules and regulations while at CUSTOMER's site. CUSTOMER acknowledges that GFL is not responsible for any damage to pavement or driving surfaces caused by GFL in providing the Services.

(d) CUSTOMER shall, at its sole cost and expense prepare: (i) all Waste in accordance with all applicable Regulations, including, but not limited to container specifications for any container not supplied by GFL, and all markings and labeling of containers supplied by GFL, and (ii) all documentation requested by GFL or required by any regulatory authority(s) and/or Facility in connection with the Services to be provided by GFL. CUSTOMER shall not add or permit to be added any material or substance to any tank(s) from which GFL collects Waste, or to any Equipment, that is not consistent with its labelling, packaging or other documentation provided to GFL.

(e) GFL may, at its sole discretion, elect to accept or reject all or any quantity of Non-Conforming Waste. If GFL elects to provide services in respect of any amount of Non-Conforming Waste, such election shall not impair or operate as a waiver of any right or remedy available to GFL, including revocation of Services. GFL may return any Non-Conforming Waste to CUSTOMER for disposal by CUSTOMER at CUSTOMER'S sole cost and expense and CUSTOMER agrees to accept such return, where permitted by applicable Regulation. If Non-Conforming Waste cannot be returned to CUSTOMER, GFL and CUSTOMER shall agree to the manner of disposal of the Non-Conforming Waste, in compliance with applicable Regulations, provided that in the absence of agreement within two (2) Business Days of notice from GFL to CUSTOMER of GFL's receipt of Non-Conforming Waste, GFL shall dispose of Non-Conforming Waste in such manner as it may reasonably determine and in compliance with applicable Regulations. CUSTOMER shall pay GFL all costs incurred by GFL in connection with the handling, storage, treatment, transportation and if applicable, disposal of such Non-Conforming Waste and any Equipment and any other material or substance contaminated by such Non-Conforming Waste as invoiced.

5.2. Customer's Representations and Warranties

(a) CUSTOMER represents and warrants to GFL, and acknowledges that GFL is relying upon such representations and warranties in agreeing to providing the Services, that: (i) each description of any substance or material (whether oral or written) or sample of any substance or material provided by CUSTOMER to GFL in respect of Services to be provided by GFL, conforms to the characteristics of the substance or material provided by CUSTOMER to GFL in all material respects and is in compliance with all applicable Regulations, (ii) where CUSTOMER is not the generator of the Waste in respect of which GFL provides Services, the information provided to GFL by CUSTOMER was provided by the generator and to the knowledge of CUSTOMER after due inquiry such information is true and accurate and such generator is the owner of the substance or material provided to GFL, and (iii) Waste, provided or delivered to GFL, has not been co-mingled with another waste stream and its physical properties have not been altered. If, at any time either before or after delivery of any substance or material or sample to GFL, CUSTOMER receives information that any material or substance delivered to GFL is Non-Conforming Waste, CUSTOMER shall immediately report such information to GFL.

(b) CUSTOMER further represents and warrants that all hazards and risks as applicable to the health and safety of GFL personnel while performing the Services at CUSTOMER's site have been accurately disclosed to GFL.

5.3. GFL's Representations and Warranties

(a) GFL represents and warrants that: (i) it holds all permits and authorizations required to provide the Services, (ii) it will perform the Services in compliance with applicable authorizations, permits and Regulations and in a good and workmanlike manner, and (iii) the Facility(s) used by GFL for the disposal or treatment of Waste has all permits and authorizations required by applicable Regulations.

(b) Except as expressly stated in this Section 5.3, GFL makes no other representations and provides no other warranties of any kind, express or implied (whether arising under law or equity or custom of usage), including without limitation implied warranties of merchantability and fitness for a particular purpose.

6.0. INDEMNIFICATION

(a) CUSTOMER agrees to indemnify, save harmless and defend GFL, its directors, officers, employees and agents (collectively **"GFL Indemnitees"**) against any and all liabilities, claims, penalties imposed pursuant to Regulation or otherwise, suits and the costs and expenses incidental thereto, including reasonable legal fees on a solicitor and own clients basis, which any GFL Indemnitees may incur, become responsible for or pay as a result of death or bodily injury to any person or any destruction or damage to any property, contamination or adverse effect(s) to the environment or any breach of the common law or of any Regulation, caused or arising out of: (i) CUSTOMER's breach of any term or provision of the Agreement, (ii) any negligent or willful act or omission of CUSTOMER, its employees, agents or independent contractors in connection with the Services and/or Equipment, (iii) Non-Conforming Waste, and (iv) Waste which becomes the subject of any governmental order or enforcement action, and/or (v) any condition at CUSTOMER's site or any site where the Service occurs at the direction of or with the authorization of CUSTOMER.

(b) GFL agrees to indemnify, save harmless and defend CUSTOMER, its directors, officers, employees and agents (collectively **"CUSTOMER Indemnitees"**) from and against any and all liabilities, claims, penalties, suits and the costs and expenses incidental thereto, including reasonable legal fees on a solicitor and own client basis which any CUSTOMER Indemnitees may incur, become responsible for or pay as a result of death or bodily injury to any person, destruction or damage to property, contamination of or adverse effect(s) to the environment or any breach of common law or of any Regulations, caused or arising out of: (i) GFL's breach of any term or provision of this Agreement, (ii) any negligent or willful act or omission of GFL, its employees, agents, or subcontractors in connection with the performance of the Services and/or the provision of Equipment pursuant to this Agreement.

(c) In the event that any claims, penalties, losses, damages, costs, expenses and other liabilities referred to above are contributed to by the breach of contract, negligence, willful misconduct or violation of law of both GFL and CUSTOMER, the parties agree that all such claims, penalties, losses, damages, costs, expenses and other liabilities will be apportioned among the parties on the basis of their comparative degrees of fault.

7.0. INSURANCE AND LIMITATION OF LIABILITY

(a) GFL will maintain during the performance of this Agreement insurance coverage that is not less than required under applicable Regulations in each jurisdiction where the Services are performed.

(b) Where CUSTOMER requires GFL to acquire specific insurance coverage and/or bonding in order to perform the Services, CUSTOMER agrees to notify GFL of such requirements prior to the provision of the applicable Services. GFL reserves the right to refuse to provide such additional insurance coverage and/or bonding, in its discretion.

(c) Notwithstanding any other provision, term or condition of this Agreement, in no event shall GFL be liable to CUSTOMER or any third party(s), for any damages, claims penalties, costs or expenses whatsoever, or however characterized, whether pursuant to statute or the common law, which exceed the limits or coverage of GFL's insurance policies.

(d) Neither party shall be liable to the other party under or in connection with the Services for: (i) loss of actual or anticipated profit, (ii) losses caused by business interruption, (iii) loss of goodwill or reputation, and/or (iv) any indirect, special, consequential, cost, loss or damage even if such cost, expense, loss or damage was reasonably foreseeable or might reasonably have been contemplated by the parties and whether arising from breach of this Agreement, tort, negligence, breach of statutory duty or otherwise.

8.0. FORCE MAJEURE. Notwithstanding any other right GFL may have at law or in equity or any other provision in this Agreement, GFL will be excused from liability for any loss and for non-performance of this Agreement, and shall be entitled to an extension of time, to the extent its Services are disrupted or delayed by any event of fire or other casualty, general labor disturbance, earthquake, tornadoes, and other acts of God, acts or omissions of government, terrorism or threats of terrorism, severe weather, severe unforeseeable market shortages to the extent such shortages excuse the performance of a supplier of equipment, materials, commodities, operating consumables or other goods by operation of law, or any other cause beyond GFL's reasonable control.

9.0. AGENCY. CUSTOMER authorizes GFL to act as its agent for documentation and disposal purposes in connection with the Services.

10.0. ASSIGNMENT. CUSTOMER may not assign this Agreement to any third party without the prior written consent of GFL.

11.0. GENERAL

(a) The representations, warranties and indemnities set out herein shall survive the termination or expiration of this Agreement.

(b) This Agreement shall be governed in all respects by the laws of the Province(s) in which the Services are provided.

(c) Notice to either party shall be given in writing and shall be sufficiently given if mailed, delivered in person or by overnight courier, or transmitted by fax or email to the address contained on the Work Order. Notices and communications given by mail shall be deemed to have been received five (5) days after the date of mailing and all other notices shall be deemed to have been received upon delivery to the address noted on the Services Order in the case of overnight courier and upon receipt of confirmation of sending for a fax transmission or email, read receipt requested.

Kawartha Lakes	Form	WD F2
	Date: January 29, 2025	Revision: 6
	Approved By: QMS Representative/QMS Designate	
Stand-by Report Form		Page 1 of 1

Water and Wastewater Division
Distribution and Collection

Resident First and Last Name: —	**Date of Call:** Mar. 16, 2025
Resident/Caller Phone Number: —	**Type of Call:** Sewer Backup.
Time of Call: 7:45pm	**Time of Arrival:**
Called By: T. FARR.	**Time Completed:**
Address of Call: 4 + 6 Division	**City/Town:** LINDSAY

Nature of Call:

+ Sewer Backup @ 4 + 6 Division, T. FARR called GFL for truck to clear line, spoke with DION however @ 9:19pm DION unable to get truck. Operator rec'd call @ 6:06am from Bill Read with GFL, they had a truck and will be onsite @ 7:00am. Operator was going to meet GFL onsite.

L March, 17, 2025

ORO/Supervisor Notified: Yes ☑ No ☐ **Name:** T. FARR.

Name of Responding Operator: S. Seeley	
Signature:	**Date:**
If Any Material Used – Was it Signed Out?	**Material Used:**
Supervisor's Signature:	**Date:**
Is this Work to be Charged to Anyone? Yes ☐ No ☐	**Name & Address of Person to be Charged:**

Kawartha Lakes	Form	WD F4
	Date: April 18, 2023	Revision: 3
	Approved By: QMS Representative/QMS Designate	
Work Requisition Report		Page 1 of 2

Date of Call: 03/17/25

Customer / Resident Name:

Address: (Includes Street Name, Street Number, Town):

DIVISION ST MH403 TO MH1188 (LINDSAY)

Type of Work Completed:

SEWER MAIN FLUSHING (GFL)

If Service Leak or Watermain Break, Mainbreak and Service Repair Form completed and sent to QMPC: Y N

Work Requested by: HOME OWNER / LAURENDON SEWER SERVICES

Is there a CASE open? If yes, CASE #:

Work Order #: 83758

Details/Other Information / Material Used: (Additional room on the back of the form)

SEWER BACK UP REPORTED TO LAURENDON SEWER SERVICES AT 64 DIVISION ST 7:17pm, 03/16/25.

GFL CALLED AND UNABLE TO REPORT UNTIL 03/17/25 7AM.

12:25

cleaned catchbasin w Vactor trailer

GFL came and flushed line, blocked cleared. Noticed that 6 Division had a hose running from basement to road and once sewer was cleared, hose stopped running. Reported issue to SAC spoke with Justin

See Back.

Details/Other Information / Material Used Continued:

created report # 1-J30IIM. CKL VAC out catch basin hose water was running too ~~of~~ and washed out. Informed Justin of steps taken. See attached picture of cleaned out catch basin.

Date Work Completed:

CASE to be closed (circle one): YES or NO

Operator(s):

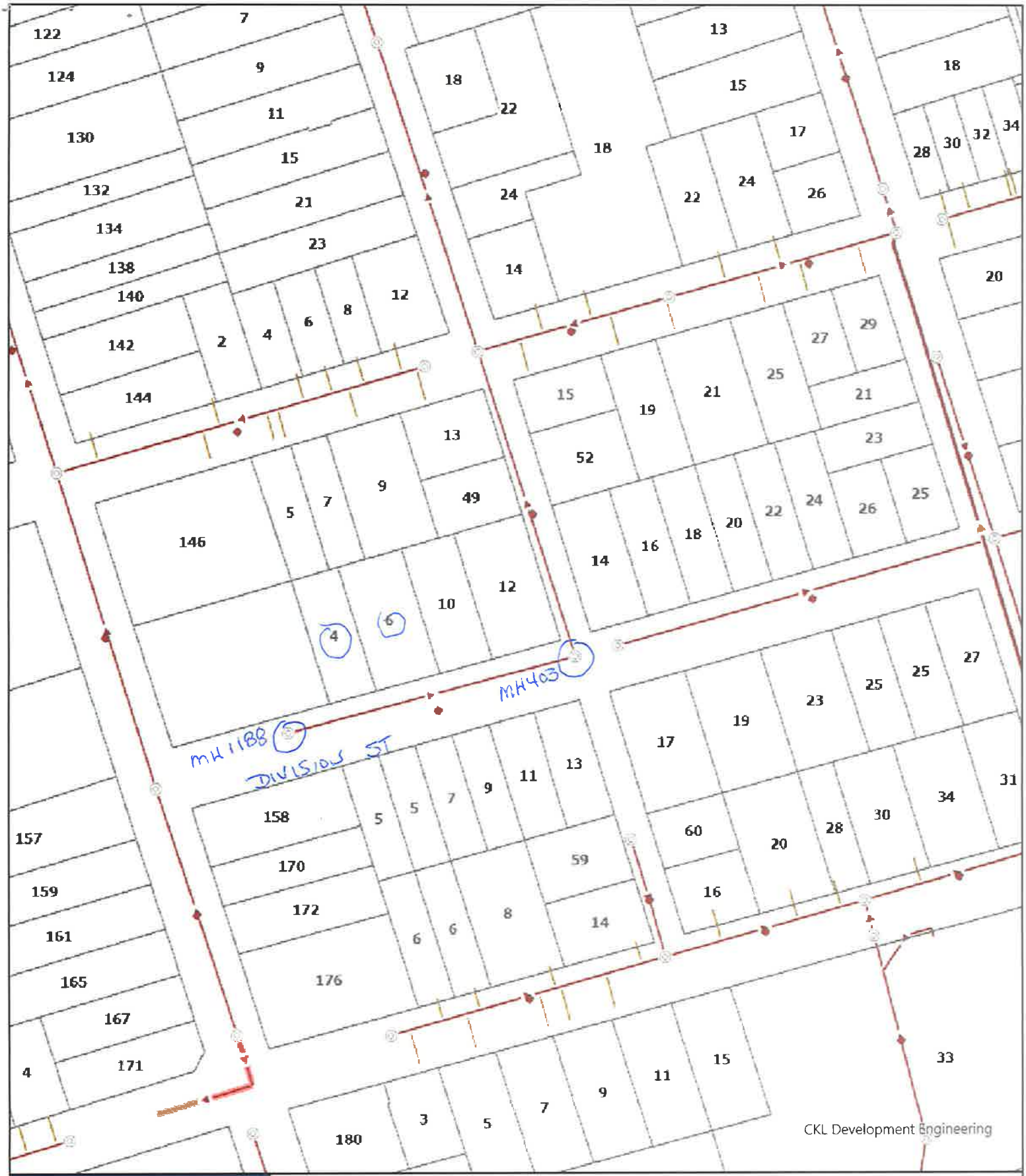
Before clean out.

Sent from my iPhone

Stephanie Seeley

From: Stephanie Seeley
Sent: Monday, March 17, 2025 2:41 PM
To: Stephanie Seeley

After Clean out



CKL Map

CKL Staff

Kawartha Lakes Jump In

ARN Reference

Sanitary Sewer Mains

- Service (Active)
- Gravity (Active)
- Forced (Active)
- Service (Private)
- Gravity (Unconfirmed Existence)

Sanitary Sewer Points

- Sanitary Manhole (Active)
- Plug (Active)
- Plug Valve (Active)
- Vent (Active)

N 0 0.03 0.05 km

Map produced by CKMap on: Mar 17, 2025

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

24-March-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 18 March 2025
LR Report: **CA13728-MAR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent (Comp)
Sample Date & Time					17-Mar-25 09:21
Temperature Upon Receipt [°C]	---	---	---	---	8.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	19-Mar-25	15:50	24-Mar-25	13:22	< 4
Total Suspended Solids [mg/L]	19-Mar-25	07:36	19-Mar-25	15:08	8
Phosphorus (total) [mg/L]	19-Mar-25	15:42	20-Mar-25	13:40	< 0.03
Total Kjeldahl Nitrogen [as N mg/L]	19-Mar-25	16:22	20-Mar-25	14:33	< 0.5
Ammonia+Ammonium (N) [as N mg/L]	19-Mar-25	17:41	20-Mar-25	11:39	< 0.1
Nitrite (as N) [mg/L]	20-Mar-25	18:36	21-Mar-25	11:20	< 0.03
Nitrate (as N) [mg/L]	20-Mar-25	18:36	21-Mar-25	11:20	8.97
Nitrate + Nitrite (as N) [mg/L]	20-Mar-25	18:36	21-Mar-25	11:20	8.97

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004055410

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

26-March-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

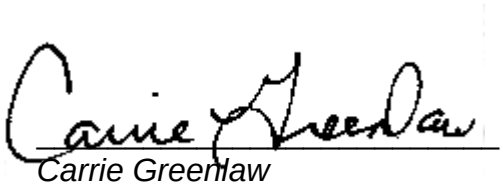
Date Rec. : 21 March 2025
LR Report: **CA13909-MAR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent
Sample Date & Time					20-Mar-25 14:21
Temperature Upon Receipt [°C]	---	---	---	---	7.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	21-Mar-25	17:32	26-Mar-25	11:40	< 4
Total Suspended Solids [mg/L]	24-Mar-25	15:05	25-Mar-25	16:28	17
Phosphorus (total) [mg/L]	24-Mar-25	21:10	25-Mar-25	14:20	0.08
Total Kjeldahl Nitrogen [as N mg/L]	24-Mar-25	17:28	25-Mar-25	13:55	0.8
Ammonia+Ammonium (N) [as N mg/L]	24-Mar-25	19:53	25-Mar-25	12:27	< 0.1
Nitrite (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	< 0.03
Nitrate (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	9.84
Nitrate + Nitrite (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	9.84



Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004057563

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

26-March-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 21 March 2025
LR Report: **CA13910-MAR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent
Sample Date & Time					21-Mar-25 13:57
Temperature Upon Receipt [°C]	---	---	---	---	7.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	21-Mar-25	17:32	26-Mar-25	11:40	< 4
Total Suspended Solids [mg/L]	24-Mar-25	13:15	25-Mar-25	13:17	9
Phosphorus (total) [mg/L]	24-Mar-25	21:10	25-Mar-25	14:20	0.03
Total Kjeldahl Nitrogen [as N mg/L]	24-Mar-25	17:28	25-Mar-25	13:55	0.8
Ammonia+Ammonium (N) [as N mg/L]	24-Mar-25	19:53	25-Mar-25	12:27	0.1
Nitrite (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	0.06
Nitrate (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	9.67
Nitrate + Nitrite (as N) [mg/L]	22-Mar-25	13:16	24-Mar-25	16:56	9.73

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004057566

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

01-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 24 March 2025
LR Report: **CA12591-MAR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent (Comp)
Sample Date & Time					22-Mar-25
Temperature Upon Receipt [°C]	---	---	---	---	3.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	25-Mar-25	15:49	01-Apr-25	12:04	< 4
Total Suspended Solids [mg/L]	25-Mar-25	07:53	25-Mar-25	14:43	14
Phosphorus (total) [mg/L]	25-Mar-25	15:33	26-Mar-25	10:45	< 0.03
Total Kjeldahl Nitrogen [as N mg/L]	25-Mar-25	16:48	26-Mar-25	13:07	< 0.5
Ammonia+Ammonium (N) [as N mg/L]	25-Mar-25	18:31	26-Mar-25	13:03	< 0.1
Nitrite (as N) [mg/L]	25-Mar-25	10:23	26-Mar-25	08:45	< 0.03
Nitrate (as N) [mg/L]	25-Mar-25	10:23	26-Mar-25	08:45	10.6
Nitrate + Nitrite (as N) [mg/L]	25-Mar-25	10:23	26-Mar-25	08:45	10.6

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004062518

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

07-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 01 April 2025
LR Report: **CA12006-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent (Comp)
Sample Date & Time					29-Mar-25
Temperature Upon Receipt [°C]	---	---	---	---	7.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	02-Apr-25	17:59	07-Apr-25	12:00	< 4
Total Suspended Solids [mg/L]	02-Apr-25	08:14	02-Apr-25	15:21	8
Phosphorus (total) [mg/L]	01-Apr-25	19:20	02-Apr-25	13:03	0.03
Total Kjeldahl Nitrogen [as N mg/L]	01-Apr-25	19:27	02-Apr-25	14:20	1.0
Ammonia+Ammonium (N) [as N mg/L]	02-Apr-25	09:07	02-Apr-25	15:44	< 0.1
Nitrite (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:21	< 0.03
Nitrate (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:21	9.26
Nitrate + Nitrite (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:21	9.26

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004068939

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Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

07-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

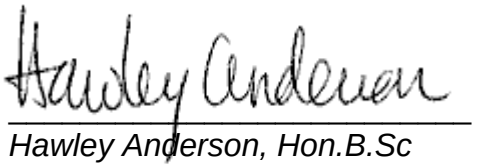
Date Rec. : 01 April 2025
LR Report: **CA12007-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent (Comp)
Sample Date & Time					31-Mar-25 11:25
Temperature Upon Receipt [°C]	---	---	---	---	7.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	02-Apr-25	17:59	07-Apr-25	12:00	4
Total Suspended Solids [mg/L]	02-Apr-25	08:14	03-Apr-25	08:23	24
Phosphorus (total) [mg/L]	01-Apr-25	19:20	02-Apr-25	13:05	0.19
Total Kjeldahl Nitrogen [as N mg/L]	01-Apr-25	19:27	02-Apr-25	14:21	3.4
Ammonia+Ammonium (N) [as N mg/L]	02-Apr-25	09:07	02-Apr-25	15:44	2.2
Nitrite (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:22	0.23
Nitrate (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:22	6.00
Nitrate + Nitrite (as N) [mg/L]	02-Apr-25	17:17	03-Apr-25	12:22	6.23



Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004068943

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

David Bradley
District Manager
Peterborough District Office
Ministry of Environment, Conservation and Parks
300 Water Street South, 2nd Floor, South Tower
Peterborough ON K9J 3C7

April 10, 2025

Mr. Bradley:

Re: Lindsay WWTP March 2025 Total Suspended Solids (TSS) Exceedance

Further to my phone call on April 10, 2025 @15:44, I am submitting written notification of exceedance of Total Suspended Solids (TSS) mg/L limit as required by Environmental Compliance Approval (ECA) #1696-BPLL4R for Lindsay WWTP.

The TSS monthly concentration effluent limit is 11.0 mg/L as a monthly average and the month of March 2025 the monthly average of all samples collected gives a result of 12.27 mg/L.

The TSS monthly loadings effluent limit is 238kg/d and the monthly loading for March 2025 is 289.09kg/d.

These exceedances where due to the high flows from heavy rain and snow melt.

Operations is continuing its efforts to optimize the treatment to reduce the total suspended solids.

Please contact me if you have any questions.

Best regards,

Katie Campbell
Process Compliance Technician
Ontario Clean Water Agency
Kawartha-Trent Regional Hub
(705) 934-0026

CC: B. Martin, Sr. Operations Manager, OCWA Kawartha-Trent
K. Lorente, Regional Manager, OCWA Kawartha-Trent
R. Junkin, VP Operations, OCWA
L. Nicholson, General Manager, OCWA Kawartha-Trent
A. McCann, SPC Manager, OCWA Kawartha-Trent
T. Smith, Operator, OCWA Kawartha-Trent
M. Flaherty, Client, City of Kawartha Lakes
A. Hayter, Client, City of Kawartha Lakes

K. Trofimczuk, Environmental Officer, Peterborough MECP

B. Jackson, Acting Supervisor, Peterborough MECP

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

48 Lagoon Rd
Lindsay, ON K9V 4R3

Tel: 705-738-9734
www.ocwa.com

David Bradley
District Manager
Peterborough District Office
Ministry of the Environment, Conservation and Parks
300 Water Street, 2nd Floor, South Tower
Peterborough, ON
K9J 3C7

July 17, 2025

Dear Mr. Bradley:

Re: Lindsay WWTP 2025 Q1 Bypass Event and Overflow Event Summary Report

Amended Environmental Compliance Approval #1696-BPLL4R sections 4(6) and 5(6) issued June 29, 2020 for the Lindsay WWTP requires a Bypass Event and Overflow Event summary report be submitted to the District Manager on a quarterly basis, no later than February 15, May 15, August 15, and November 15 each calendar year.

There were no incidents of Bypass or Overflow Events at the Lindsay WWTP during the first quarter of 2025 (January, February, and March).

There was one occurrence of overflow event at the Rivera Park Sewage Pumping Station which was reported as required by the CLI-ECA 141-W601.

Please contact me if you have any questions or comments.

Best regards,

Katie Campbell
Process & Compliance Technician
Ontario Clean Water Agency
Kawartha Hub
(705) 934-0026

CC: Brent Martin, OCWA - Operations Manager
Allison McCann, OCWA - SPC Manager
Lynette Nicholson, OCWA – General Manager
Karen Lorente, OCWA - Regional Hub Manager
Amber Hayter, Kawartha Lakes – Manager, Water & Wastewater
Michelle Flaherty, Kawartha Lakes – Contract Coordinator
Aaron Gordon, MECP – Acting Water Supervisor
Kayla Trofimczuk, MECP – Water Compliance Officer

Lindsay WPCP - Quarterly Bypass Report

Environmental Compliance Approval #1969-BPLL4

Year: 2025

Q2 = April, May, June

Did a Bypass occur during this quarter:

Yes☐ No ☑

Condition 4. Bypasses		Event
4.3	a. the type of the Bypass (emergency or planned)	
	b. the date and time of the beginning of the Bypass	
	c. the treatment process(es) gone through prior to the Bypass and the treatment process(es) bypassed;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and the reason(s) why the Bypass was not avoided.	
4.4	a. the date and time of the end of the Bypass;	
	b. the estimated or measured volume of Bypass.	
4.5	For any Bypass Event, the Owner shall collect daily sample(s) of the Final Effluent, inclusive of the Event and analyze for all effluent parameters outlined in Compliance Limits condition that require composite samples following the same protocol specified in the Monitoring and Recording condition for the regular samples. The sample(s) shall be in addition to the regular Final Effluent samples required under the monitoring and recording condition. If the Event occurs on a scheduled monitoring day, the regular sampling requirements prevail. If representative sample for the effluent parameter(s) that require grab sample cannot be obtained, they shall be collected after the Event at the earliest time when situation returns to normal.	
4.6	. …The summary reports shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5) and either a statement of compliance or a summary of the non-compliance notifications submitted as required under Paragraph 1 of Condition 11. If there is no Bypass Event during a quarter, a statement of no occurrence of Bypass is deemed sufficient.	No Occurance of Bypass.

Lindsay WPCP - Quarterly Overflow Report

Environmental Compliance Approval #1696-BPLL4R

Year: 2025

Q2= April, May, June

Did an Overflow occur during this quarter:

Yes☐ No ☑

The Overflow at the Rivera Park Sewage Pumping Station was reported as per CLI-ECA 141-W601, more details on the Overflow event can be provided upon request.

Condition 5. Overflow		**Event**
5.3	a. the type of the Overflow (emergency or planned)	
	b. the date and time of the beginning of the Overflow	
	c. the point of the Overflow from the Works, the treatment process(es) gone through prior to the Overflow, the disinfection status of the Overflow and whether the Overflow is discharged through the effluent disposal facilities or an alternate location;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and Bypasses and the reason(s) why the Overflow was not avoided.	
5.4	a. the date and time of the end of the Overflow;	
	b. the estimated or measured volume of Overflow.	
5.5	a. Overflow event in Sewage Treatment Plant, grab sample(s) of the Overflow, one near the beginning of the Event and one every eight (8) hours for the duration of the Event, and have them analyzed at least for CBOD5, total suspended solids, total phosphorus, total ammonia nitrogen, nitrate as N, nitrite as N, total Kjeldahl nitrogen, E. coli. , except that raw sewage and primary treated effluent Overflow shall be analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen only.	
	b. at a sewage pumping station in the collection system, at least one (1) grab sample representative of the Overflow Event and have it analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen.	
5.6	…The summary report shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5). If there is no Overflow Event during a quarter, a statement of no occurrence of Overflow is deemed sufficient.	No Occurance of Overflow.

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

09-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 02 April 2025
LR Report: **CA13141-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent (Comp)
Sample Date & Time					02-Apr-25
Temperature Upon Receipt [°C]	---	---	---	---	9.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	02-Apr-25	17:59	07-Apr-25	12:06	< 4
Total Suspended Solids [mg/L]	03-Apr-25	09:59	09-Apr-25	14:46	17
Phosphorus (total) [mg/L]	02-Apr-25	17:12	03-Apr-25	14:09	0.08
Total Kjeldahl Nitrogen [as N mg/L]	03-Apr-25	11:50	04-Apr-25	14:04	< 0.5
Ammonia+Ammonium (N) [as N mg/L]	02-Apr-25	17:47	03-Apr-25	13:19	0.1
Nitrite (as N) [mg/L]	07-Apr-25	13:14	09-Apr-25	08:49	< 0.03
Nitrate (as N) [mg/L]	07-Apr-25	13:14	09-Apr-25	08:49	8.13
Nitrate + Nitrite (as N) [mg/L]	07-Apr-25	13:14	09-Apr-25	08:49	8.13

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004072451

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

14-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

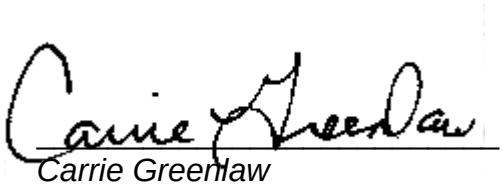
Date Rec. : 04 April 2025
LR Report: **CA13325-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent
Sample Date & Time					03-Apr-25 11:50
Temperature Upon Receipt [°C]	---	---	---	---	6.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	07-Apr-25	16:15	14-Apr-25	08:33	< 4
Total Suspended Solids [mg/L]	07-Apr-25	08:03	08-Apr-25	08:17	21
Phosphorus (total) [mg/L]	07-Apr-25	15:42	08-Apr-25	14:02	0.08
Total Kjeldahl Nitrogen [as N mg/L]	07-Apr-25	16:24	08-Apr-25	14:48	0.6
Ammonia+Ammonium (N) [as N mg/L]	04-Apr-25	19:04	07-Apr-25	12:52	< 0.1
Nitrite (as N) [mg/L]	10-Apr-25	00:31	10-Apr-25	19:30	< 0.03
Nitrate (as N) [mg/L]	10-Apr-25	00:31	10-Apr-25	19:30	6.88
Nitrate + Nitrite (as N) [mg/L]	10-Apr-25	00:31	10-Apr-25	19:30	6.88



Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004076914

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

14-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 04 April 2025
LR Report: **CA13324-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: Eff Eff-Final Effluent
Sample Date & Time					04-Apr-25 11:15
Temperature Upon Receipt [°C]	---	---	---	---	6.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	07-Apr-25	16:15	14-Apr-25	08:33	< 4
Total Suspended Solids [mg/L]	07-Apr-25	08:03	08-Apr-25	08:17	23
Phosphorus (total) [mg/L]	07-Apr-25	15:42	08-Apr-25	14:02	0.13
Total Kjeldahl Nitrogen [as N mg/L]	07-Apr-25	16:24	08-Apr-25	14:48	< 0.5
Ammonia+Ammonium (N) [as N mg/L]	04-Apr-25	19:04	07-Apr-25	12:52	< 0.1
Nitrite (as N) [mg/L]	10-Apr-25	08:31	10-Apr-25	16:41	< 0.03
Nitrate (as N) [mg/L]	10-Apr-25	08:31	10-Apr-25	16:41	6.16
Nitrate + Nitrite (as N) [mg/L]	10-Apr-25	08:31	10-Apr-25	16:41	6.16

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004076910

Ontario Clean Water A
Agence Ontarienne D

Central Cluster - Operations Event Form

Project: Lindsay WPCP
Location: Riverra Park SPS (95 Lindsay St N)
Date: Apr.13rd/2025

Nature of Event: (By-pass, Overflow, Spill, Odour, Noise etc...)

- Overflow (Raw Sewage)

Details of Event: Snow melt/rainfall event. Amount of wastewater entering the sewer system has exceeded the capacity of the system.

Call SAC: 1-800-268-6060

Time SAC notified: 06:31 SAC Incident Number #1-N7HR97

Name of Person at SAC: Haiden MacDonald

MECP District Manager Peterborough Notified 705-927-6165 (time): 12:30

District Health Unit Notified (time): 06:15

Name of Person at Health Unit: Kevin Hall

All Other Phone calls placed (Managers, Client, MECP, MOH):

Brent Martin (Manager)

Volume of By-pass or Spill: Approx. 40000 m^3

Bypass Time: Apr.13rd/2025 (04:48) - Apr.16th/2025 (12:35)

Start: 04:48 Finish: 12:35

Samples Taken? (BOD,TSS,Phos,NH3+NH4, e-coli): All plus pH.

Corrective Action Taken:

Prepared By: Ty Smith

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

David Bradley
District Manager
Peterborough District Office
Ministry of Environment, Conservation and Parks
300 Water Street South, 2nd Floor, South Tower
Peterborough ON K9J 3C7

May 12, 2025

Mr. Bradley:

Re: Lindsay WWTP April 2025 Total Suspended Solids (TSS) Exceedance

Further to my phone call on May 12, 2025 @13:00, I am submitting written notification of exceedance of Total Suspended Solids (TSS) mg/L limit as required by Environmental Compliance Approval (ECA) #1696-BPLL4R for Lindsay WWTP.

The TSS monthly concentration effluent limit is 11.0 mg/L as a monthly average and the month of April 2025 the monthly average of all samples collected gives a result of 21.33 mg/L.

The TSS monthly loadings effluent limit is 238kg/d and the monthly loading for April 2025 is 501.28kg/d.

These exceedances where due to the high flows from heavy rain and snow melt.

Operations is continuing its efforts to optimize the treatment to reduce the total suspended solids. The TSS results did significantly reduce below the limit in the second week of April.

Please contact me if you have any questions.

Best regards,

Katie Campbell
Process Compliance Technician
Ontario Clean Water Agency
Kawartha-Trent Regional Hub
(705) 934-0026

CC: B. Martin, Sr. Operations Manager, OCWA Kawartha-Trent
K. Lorente, Regional Manager, OCWA Kawartha-Trent
R. Junkin, VP Operations, OCWA
L. Nicholson, General Manager, OCWA Kawartha-Trent
A. McCann, SPC Manager, OCWA Kawartha-Trent
T. Smith, Operator, OCWA Kawartha-Trent
M. Flaherty, Client, City of Kawartha Lakes

A. Hayter, Client, City of Kawartha Lakes
K. Trofimczuk, Environmental Officer, Peterborough MECP
B. Jackson, Acting Supervisor, Peterborough MECP

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

14-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
Bobcaygeon, ON
K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 04 April 2025
LR Report: **CA13326-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: SSO SSO-Rivera Park SPS Overflow
Sample Date & Time					03-Apr-25 04:59
Temperature Upon Receipt [°C]	---	---	---	---	6.0
Field pH [no unit]	---	---	---	---	7.59
Biochemical Oxygen Demand (BOD5) [mg/L]	07-Apr-25	16:14	14-Apr-25	08:01	< 12
Total Suspended Solids [mg/L]	07-Apr-25	08:03	07-Apr-25	15:25	13
Phosphorus (total) [mg/L]	07-Apr-25	15:42	08-Apr-25	14:02	0.25
Total Kjeldahl Nitrogen [as N mg/L]	07-Apr-25	16:24	08-Apr-25	14:48	1.8
Ecoli [mpn/100mL]	04-Apr-25	16:40	07-Apr-25	12:36	141360

*E.Coli was processed from an un-sterilized 500mL PET.

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004076918

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 110000383
Project : PO#017018

14-April-2025

OCWA-Kawartha (Lindsay WWTF)

PO Box 279, Boyd St. E
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K0M 1A0, Canada

Phone: 705-887-3596
Fax:

Date Rec. : 07 April 2025
LR Report: **CA13345-APR25**

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: SSO SSO-Rivera Park SPS Overflow
Sample Date & Time					06-Apr-25 12:18
Temperature Upon Receipt [°C]	---	---	---	---	8.0
Field pH [no unit]	---	---	---	---	7.60
Biochemical Oxygen Demand (BOD5) [mg/L]	08-Apr-25	15:53	14-Apr-25	10:18	94
Total Suspended Solids [mg/L]	08-Apr-25	08:56	08-Apr-25	14:59	61
Phosphorus (total) [mg/L]	07-Apr-25	15:42	08-Apr-25	14:03	1.11
Total Kjeldahl Nitrogen [as N mg/L]	08-Apr-25	16:56	10-Apr-25	13:45	11.7
Ecoli [mpn/100mL]	07-Apr-25	17:55	09-Apr-25	09:08	>242000

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004078174

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

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www.ocwa.com

David Bradley
District Manager
Peterborough District Office
Ministry of the Environment, Conservation and Parks
300 Water Street, 2nd Floor, South Tower
Peterborough, ON
K9J 3C7

October 17, 2025

Dear Mr. Bradley:

Re: Lindsay WWTP 2025 Q3 Bypass Event and Overflow Event Summary Report

Amended Environmental Compliance Approval #1696-BPLL4R sections 4(6) and 5(6) issued June 29, 2020 for the Lindsay WWTP requires a Bypass Event and Overflow Event summary report be submitted to the District Manager on a quarterly basis, no later than February 15, May 15, August 15, and November 15 each calendar year.

There were no incidents of Bypass or Overflow Events at the Lindsay WWTP during the third quarter of 2025 (July, August, and September).

Please contact me if you have any questions or comments.

Best regards,

Katie Campbell
Process & Compliance Technician
Ontario Clean Water Agency
Kawartha Hub
(705) 934-0026

CC: Brent Martin, OCWA - Operations Manager
Allison McCann, OCWA - SPC Manager
Lynette Nicholson, OCWA – General Manager
Karen Lorente, OCWA - Regional Hub Manager
Amber Hayter, Kawartha Lakes – Manager, Water & Wastewater
Michelle Flaherty, Kawartha Lakes – Contract Coordinator
Brittney Wielgos, MECP – Water Supervisor
Kayla Trofimczuk, MECP – Water Compliance Officer

Lindsay WPCP - Quarterly Bypass Report

Environmental Compliance Approval #1969-BPLL4

Year: 2025

Q3 = July, August, September

Did a Bypass occur during this quarter:

Yes ☐ No ☑

Condition 4. Bypasses		Event
4.3	a. the type of the Bypass (emergency or planned)	
	b. the date and time of the beginning of the Bypass	
	c. the treatment process(es) gone through prior to the Bypass and the treatment process(es) bypassed;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and the reason(s) why the Bypass was not avoided.	
4.4	a. the date and time of the end of the Bypass;	
	b. the estimated or measured volume of Bypass.	
4.5	For any Bypass Event, the Owner shall collect daily sample(s) of the Final Effluent, inclusive of the Event and analyze for all effluent parameters outlined in Compliance Limits condition that require composite samples following the same protocol specified in the Monitoring and Recording condition for the regular samples. The sample(s) shall be in addition to the regular Final Effluent samples required under the monitoring and recording condition. If the Event occurs on a scheduled monitoring day, the regular sampling requirements prevail. If representative sample for the effluent parameter(s) that require grab sample cannot be obtained, they shall be collected after the Event at the earliest time when situation returns to normal.	
4.6	. …The summary reports shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5) and either a statement of compliance or a summary of the non-compliance notifications submitted as required under Paragraph 1 of Condition 11. If there is no Bypass Event during a quarter, a statement of no occurrence of Bypass is deemed sufficient.	No Occurance of Bypass.

Lindsay WPCP - Quarterly Overflow Report

Environmental Compliance Approval #1696-BPLL4R

Year: 2025

Q3= July, August, September

Did an Overflow occur during this quarter:

Yes☐ No ☑

There was no occurance of an Overflow event at the Sewage Pumping Stations to report as per CLI-ECA 141-W601.

Condition 5. Overflow		**Event**
5.3	a. the type of the Overflow (emergency or planned)	
	b. the date and time of the beginning of the Overflow	
	c. the point of the Overflow from the Works, the treatment process(es) gone through prior to the Overflow, the disinfection status of the Overflow and whether the Overflow is discharged through the effluent disposal facilities or an alternate location;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and Bypasses and the reason(s) why the Overflow was not avoided.	
5.4	a. the date and time of the end of the Overflow;	
	b. the estimated or measured volume of Overflow.	
5.5	a. Overflow event in Sewage Treatment Plant, grab sample(s) of the Overflow, one near the beginning of the Event and one every eight (8) hours for the duration of the Event, and have them analyzed at least for CBOD5, total suspended solids, total phosphorus, total ammonia nitrogen, nitrate as N, nitrite as N, total Kjeldahl nitrogen, E. coli. , except that raw sewage and primary treated effluent Overflow shall be analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen only.	
	b. at a sewage pumping station in the collection system, at least one (1) grab sample representative of the Overflow Event and have it analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen.	
5.6	…The summary report shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5). If there is no Overflow Event during a quarter, a statement of no occurrence of Overflow is deemed sufficient.	No Occurance of Overflow.

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

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David Bradley
District Manager
Peterborough District Office
Ministry of the Environment, Conservation and Parks
300 Water Street, 2nd Floor, South Tower
Peterborough, ON
K9J 3C7

January 16, 2026

Dear Mr. Bradley:

Re: Lindsay WWTP 2025 Q4 Bypass Event and Overflow Event Summary Report

Amended Environmental Compliance Approval #1696-BPLL4R sections 4(6) and 5(6) issued June 29, 2020 for the Lindsay WWTP requires a Bypass Event and Overflow Event summary report be submitted to the District Manager on a quarterly basis, no later than February 15, May 15, August 15, and November 15 each calendar year.

There were no incidents of Bypass or Overflow Events at the Lindsay WWTP during the fourth quarter of 2025 (October, November and December).

Please contact me if you have any questions or comments.

Best regards,

Ellen Campbell
Process & Compliance Technician
Ontario Clean Water Agency
Kawartha Hub
(705) 341-2096

CC: Brent Martin, OCWA - Operations Manager
Allison McCann, OCWA - SPC Manager
Lynette Nicholson, OCWA – General Manager
Karen Lorente, OCWA - Regional Hub Manager
Amber Hayter, Kawartha Lakes – Manager, Water & Wastewater
Michelle Flaherty, Kawartha Lakes – Contract Coordinator
Brittney Wielgos, MECP – Water Supervisor
Kayla Trofimczuk, MECP – Water Compliance Officer

Lindsay WPCP - Quarterly Bypass Report

Environmental Compliance Approval #1969-BPLL4

Year: 2025

Q4 = October, November and December

Did a Bypass occur during this quarter:

Yes ☐ No ☑

	Condition 4. Bypasses	Event
4.3	a. the type of the Bypass (emergency or planned)	
	b. the date and time of the beginning of the Bypass	
	c. the treatment process(es) gone through prior to the Bypass and the treatment process(es) bypassed;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and the reason(s) why the Bypass was not avoided.	
4.4	a. the date and time of the end of the Bypass;	
	b. the estimated or measured volume of Bypass.	
4.5	For any Bypass Event, the Owner shall collect daily sample(s) of the Final Effluent, inclusive of the Event and analyze for all effluent parameters outlined in Compliance Limits condition that require composite samples following the same protocol specified in the Monitoring and Recording condition for the regular samples. The sample(s) shall be in addition to the regular Final Effluent samples required under the monitoring and recording condition. If the Event occurs on a scheduled monitoring day, the regular sampling requirements prevail. If representative sample for the effluent parameter(s) that require grab sample cannot be obtained, they shall be collected after the Event at the earliest time when situation returns to normal.	
4.6	. …The summary reports shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5) and either a statement of compliance or a summary of the non-compliance notifications submitted as required under Paragraph 1 of Condition 11. If there is no Bypass Event during a quarter, a statement of no occurrence of Bypass is deemed sufficient.	No Occurance of Bypass.

Lindsay WPCP - Quarterly Overflow Report

Environmental Compliance Approval #1696-BPLL4R

Year: 2025

Q4 = October, November and December

Did an Overflow occur during this quarter:

Yes ☐ No ☒

There was no occurance of an Overflow event at the Sewage Pumping Stations to report as per CLI-ECA 141-W601.

Condition 5. Overflow		**Event**
5.3	a. the type of the Overflow (emergency or planned)	
	b. the date and time of the beginning of the Overflow	
	c. the point of the Overflow from the Works, the treatment process(es) gone through prior to the Overflow, the disinfection status of the Overflow and whether the Overflow is discharged through the effluent disposal facilities or an alternate location;	
	d. the effort(s) done to maximize the flow through the downstream treatment process(es) and Bypasses and the reason(s) why the Overflow was not avoided.	
5.4	a. the date and time of the end of the Overflow;	
	b. the estimated or measured volume of Overflow.	
5.5	a. Overflow event in Sewage Treatment Plant, grab sample(s) of the Overflow, one near the beginning of the Event and one every eight (8) hours for the duration of the Event, and have them analyzed at least for CBOD5, total suspended solids, total phosphorus, total ammonia nitrogen, nitrate as N, nitrite as N, total Kjeldahl nitrogen, E. coli. , except that raw sewage and primary treated effluent Overflow shall be analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen only.	
	b. at a sewage pumping station in the collection system, at least one (1) grab sample representative of the Overflow Event and have it analyzed for BOD5, total suspended solids, total phosphorus and total Kjeldahl nitrogen.	
5.6	…The summary report shall contain, at a minimum, the types of information set out in Paragraphs (3), (4) and (5). If there is no Overflow Event during a quarter, a statement of no occurrence of Overflow is deemed sufficient.	No Occurance of Overflow.

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix VI:
Performance Assessment Report

Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Performance Assessment Report Standard ECA

From 1/1/2025 to 12/31/2025

1313 LINDSAY WASTEWATER TREATMENT FACILITY 110000383

	1 / 2025	2/ 2025	3/ 2025	4/ 2025	5/ 2025	6/ 2025	7/ 2025	8/ 2025	9/ 2025	10/ 2025	11/ 2025	12/ 2025	<--Total-->	<--Avg-->	<--Max-->	<-Criteria->
Flows																
Raw Flow: Total - Raw m³/d	487,351.00	304,755.00	749,134.00	720,818.00	619,716.00	438,702.00	278,661.00	260,026.00	253,579.00	265,628.00	316,394.00	348,225.00	5,042,989.00			0.00
Raw Flow: Avg - Raw m³/d	15,721.00	10,884.11	24,165.61	24,027.27	19,990.84	14,623.40	8,989.06	8,387.94	8,452.63	8,568.65	10,546.47	11,233.06		13,816.41		
Raw Flow: Max - Raw m³/d	17,182.00	14,647.00	42,412.00	39,987.00	28,809.00	21,440.00	9,998.00	11,394.00	9,769.00	12,729.00	13,660.00	19,935.00			42,412.00	0.00
Raw Flow: Count - Raw m³/d	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00			0.00
Eff. Flow: Total - Eff m³/d	467,442.00	289,313.00	730,220.00	704,928.00	602,748.00	420,173.00	278,661.00	245,997.00	238,184.00	249,230.00	289,997.00	325,949.00	4,842,842.00			0.00
Eff. Flow: Avg - Eff m³/d	15,078.77	10,332.61	23,555.48	23,497.60	19,443.48	14,005.77	8,989.06	7,935.39	7,939.47	8,039.68	9,666.57	10,514.48		13,268.06		
Eff. Flow: Max - Eff m³/d	16,660.00	14,126.00	41,452.00	40,598.00	28,380.00	20,901.00	9,998.00	11,542.00	9,252.00	12,133.00	12,762.00	19,265.00			41,452.00	0.00
Eff Flow: Count - Eff m³/d	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00			0.00
Biochemical Oxygen Demand: BOD5																
Raw: Avg BOD5 - Raw mg/L	189.25	266.00	119.25	135.80	188.75	185.00	358.00	246.75	323.75	328.60	281.25	217.20		238.42	358.00	0.00
Raw: # of samples of BOD5 - Raw mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Total Suspended Solids: TSS																
Raw: Avg TSS - Raw mg/L	545.50	477.25	172.00	173.80	208.00	217.00	311.60	233.50	389.00	352.00	332.50	241.60		301.81	545.50	0.00
Raw: # of samples of TSS - Raw mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Total Phosphorus: TP																
Raw: Avg TP - Raw mg/L	11.14	5.86	2.11	2.31	2.94	3.47	5.61	3.84	7.64	5.86	5.72	3.99		4.99	11.14	0.00
Raw: # of samples of TP - Raw mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Nitrogen Series																
Raw: Avg TKN - Raw mg/L	38.03	34.73	13.60	14.26	15.35	22.25	41.12	32.70	37.53	42.74	35.70	25.72		29.59	42.74	0.00
Raw: # of samples of TKN - Raw mg/L	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00
Eff: Avg NO3-N - Eff mg/L	10.84	8.99	9.29	8.01	8.62	8.63	9.86	9.44	11.38	8.32	8.33	8.75		9.11	11.38	0.00
Eff: # of samples of NO3-N - Eff mg/L	4.00	4.00	11.00	9.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	63.00			0.00
Eff: Avg NO2-N - Eff mg/L	< 0.03	< 0.18	< 0.08	< 0.05	< 0.03	< 0.03	< 0.13	< 0.03	< 0.03	< 0.03	< 0.03	< 0.08		< 0.06	< 0.18	0.00
Eff: # of samples of NO2-N - Eff mg/L	4.00	4.00	11.00	9.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	63.00			0.00
pH																
Raw: Min pH - Raw ---	7.48	7.61	7.35	7.58	7.52	7.31	7.25	7.34	7.17	7.52	7.34	7.42				0.00
Raw: Max pH - Raw ---	7.77	7.95	7.83	7.89	7.90	7.85	7.70	7.79	7.92	7.99	8.37	8.29			8.37	0.00
Eff: Min pH - Eff ---	6.95	7.02	7.03	6.99	7.13	7.09	7.23	7.04	7.11	7.15	7.03	7.05				9.50
Eff: Max pH - Eff ---	7.28	7.17	7.21	7.22	7.28	7.39	7.69	7.48	7.45	7.33	7.22	7.25			7.69	9.50
Eff: Min pH Field: Lab Upload - Eff ---	6.95	7.02	7.06	7.10	7.13	7.09	7.23	7.18	7.12	7.08	7.03	7.05				9.50
Eff: Max pH Field: Lab Upload - Eff ---	7.23	7.14	7.14	7.22	7.28	7.27	7.41	7.43	7.26	7.29	7.22	7.15			7.43	9.50
Disinfection																
Eff: GMD E. Coli MPN - Eff MPN	20.19	3.60	6.72	8.40	2.06	2.82	2.46	1.63	1.41	1.38	1.68	2.64				
Eff: # of samples of E. Coli MPN - Eff	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	52.00			0.00